

Digital Evidence Viewer Administrator's Guide

version 4.0.10

© Copyright 2019

Safe Fleet Mobile-Vision ▪ 400 Commons Way, Suite F ▪ Rockaway, NJ 07866

Table of Contents

Chapter 1: Introduction.....	1
The Video Lifecycle.....	2
User Roles	3
System-Defined User Roles.....	3
Custom User Roles	3
Logging into the System for the First Time.....	4
Changing Your Password.....	5
DEV Home Page	6
Message Board.....	6
Main Menu.....	7
Definitions	8
Hardware Components	8
Server PC.....	8
Flashback DVRs	8
<i>Body</i> VISION DVRs.....	8
BWX-100 DVRs.....	8
Backup PC	8
Robotic DVD Burner	9
Certified Backup Disc (CBD).....	9
User-Requested Certified Copy	9
Access Point.....	9
Transmission.....	10
Software Concepts	10
Automatic Archive.....	10
Export.....	10
User Metadata (UMD).....	10
Reactivation	11
Offline Files	11
Software Navigation.....	11
Interview Room.....	14
DVD File Formats—A Side-by-Side Comparison.....	15

Chapter 2: Videos	17
Searching for Videos	18
Performing a Basic Video Search.....	19
Performing an Advanced Video Search.....	22
Viewing Video Search Results	27
Displaying a Video	30
Viewing a Video’s User Metadata.....	38
Viewing a Video’s Group Information.....	39
Viewing a Video in Google Earth.....	41
Viewing a Video’s Snapshots	43
Displaying a Snapshot	47
Playing a Video	52
Flashback2/3/HD/BV Player	54
Flashback1 Player.....	58
Exporting a Video Frame	61
Changing a Video’s Category.....	64
Adding Predefined User Metadata to a Media File	65
Adding Predefined Video Notations to a Media File	66
Tagging.....	67
Tagging a Video	68
Untagging a Video.....	69
Generating a Chain of Custody Report for a Media File.....	70
Reactivating an Offline Video.....	72
Reactivating a Video from a Backup Disc.....	73
Reactivating a Video from an External Backup Device	76
Re-importing “Expired” Video.....	78
Manually Uploading New Videos	82
Manually Uploading Flashback Videos.....	83
Manually Uploading VIEVU Videos	85
Manually Uploading Videos from a VIEVU LE2	85
Manually Uploading Videos from a VIEVU LE3	88
Downloading Video Files to Your PC.....	91
Downloading Video to Your PC in Data DVD Format.....	91
Downloading Video to Your PC in Interchange Format	96

Downloading Video Files to Your PC (cont'd)	
Downloading Video to Your PC in Uncompressed Format	101
Downloading Video to Your PC in FOIA Redacted Format	105
Exporting a Snapshot.....	111
Viewing a Video's Logs	115
Viewing a Snapshot's Logs	117
Reassigning Video to a Different Officer.....	121
Reassigning One Video to a Different Officer	121
Reassigning Multiple Videos to a Different Officer.....	123
Reassigning Video to a Different DVR.....	126
Maintaining User Metadata	128
Displaying the UMD Types List.....	128
Adding a User Metadata Field	130
Changing a User Metadata Field	132
Deleting a User Metadata Field	134
Changing the User Metadata Display Order.....	135
Video Notations.....	135
Adding a Video Notation.....	136
Changing a Video Notation	138
Deleting a Video Notation.....	140
Turning Video Notations On/Off.....	142
Exporting Video Notations Activity to a Spreadsheet.....	144
Updating Viewing Options.....	146
Changing the Video Playback Method	146
Turning the Metric Display On/Off.....	150
Video Categories	152
Maintaining Video Categories.....	152
Manually Exporting Video Categories (Flashback2s Only).....	155
Installing the UMD Editor on an Officer's Mobile Data Computer.....	157
Exporting Video Activity to a Spreadsheet	160
Flashback File Converter.....	162
Installing the Flashback File Converter	162
Using the Flashback File Converter.....	165
Installing the Windows Codec Utility for AVI Videos	168

Chapter 2: Videos (cont'd)

Manually Installing the VIEVU Drivers..... 171

Manually Installing the Flashback Player 173

Body Worn Viewing Requests 177

 Tracking Body Worn Videos..... 178

 Approving/Denying a Viewing Request..... 180

 Displaying Your Active Viewing Requests..... 183

 Revoking an Active Viewing Request..... 185

 Changing the Expiration Date for Viewing Approvals..... 186

 Exporting Viewing Request Activity to a Spreadsheet..... 189

 Maintaining Viewing Request Reasons 191

 Adding a Viewing Request Reason 191

 Changing a Viewing Request Reason..... 193

 Deleting a Viewing Request Reason..... 196

 Keeping Offline Video Records on the Server 198

 Generating the Purged Videos Report 200

 Customizing the Video Search Results Page..... 202

Chapter 3: DVDs 205

Disc Capacity..... 206

Available File Formats for User-Requested DVDs 206

 Data DVD Format..... 206

 Consumer DVD Format..... 207

 Interchange DVD Format 208

 Uncompressed DVD Format 208

 FOIA Redacted DVD Format..... 209

Burning Video to DVD..... 209

 Burning Video to a Data DVD via the Robotic DVD Burner 212

 Burning Video to a Consumer DVD via the Robotic DVD Burner 214

 Burning Video to an Interchange Format DVD via the Robotic DVD Burner..... 217

 Burning Video to an Uncompressed Format DVD via the Robotic DVD Burner..... 221

 Burning Video to a Data DVD via Your PC's DVD Burner 224

Burning Video to DVD (cont'd)

- Burning Video to an Interchange Format DVD via Your PC's DVD Burner 227
- Burning Video to an Uncompressed Format DVD via Your PC's DVD Burner 231
- Burning Video to an FOIA Redacted DVD via Your PC's DVD Burner..... 235
- Viewing DVDs 240
 - Viewing a Data DVD..... 241
 - Viewing a Consumer DVD..... 241
 - Viewing an Interchange or FOIA Redacted Format DVD 243
 - Viewing an Uncompressed Format DVD..... 244
- Changing the File Types that are Automatically Archived 246
- Customizing DVD Labels 249
- Viewing the Certified Backups List 251
- Downloading a DVD Burn Application to Your PC 253
- Validating that a Disc is Unaltered..... 258
- Viewing the DVD Burn Queue 261
- Deleting a DVD Burn Request 265
- Generating the Video Deletion Roll-Up Report 267
- Changing the Default Values for the 'Show GPS' & 'Show Speed' Checkboxes 270
- Chapter 4: DVRs 273**
 - DVR Units..... 273
 - Searching for a DVR 274
 - Adding Flashback DVRs 276
 - Manually Adding a Single Flashback DVR..... 276
 - Importing Multiple Flashback DVRs from a Spreadsheet 279
 - Configuring a New 'Auto Insert' DVR Record..... 281
 - Changing a Flashback DVR 282
 - Replacing a Flashback DVR..... 284
 - Deleting a DVR 285
 - BodyVISION* DVRs..... 286
 - Configuring a New *BodyVISION* DVR..... 287

Chapter 4: DVRs (cont'd)

DVR Units (cont'd)

BodyVISION DVRs (cont'd)

Changing a <i>BodyVISION</i> DVR	288
Assigning a <i>BodyVISION</i> DVR to an Officer	292
<i>BodyVISION</i> Battery Status Indicators	293
Checking the Record Time Left on Your <i>BodyVISION</i>	294
BWX-100 DVRs	294
Configuring a New BWX-100 DVR	296
Changing a BWX-100 DVR	296
Assigning a BWX-100 DVR to an Officer	301
Selecting the Download Options for a Body Worn DVR	303
Viewing the Mobile Devices Page for a Body Worn DVR	305
Replacing a Body Worn DVR	308
Resolving Naming Conflicts	310
Disabling/Enabling Mobile App Pairing for BWX-100s	311
Viewing the DVRs' Status List	314
Turning the DVR Error Notification Feature On/Off	315
Troubleshooting DVR Errors	318
Viewing the DVR Downloader Log	324
Disabling/Enabling Your DVRs	325
DVR Firmware	328
Globally Updating Firmware for an Entire Fleet of DVRs	328
Viewing/Printing Firmware Release Notes	333
Generating a DVR Login Key for an Officer	336
Exporting DVR Activity to a Spreadsheet	338

Chapter 5: Backup PCs 341

Updating the Backup PC Software	341
Adding a Backup PC	345
Changing a Backup PC	350
Deleting a Backup PC	352
Viewing the Backup PC Status Page	354

Chapter 6: Utilities	357
Viewing the System Logs.....	358
Viewing System Alerts from the ‘Messages’ Tab.....	359
Updating Precinct Information	361
Changing the Application Display Logo	362
Maintaining Storage Devices.....	364
Adding a Storage Device	365
Viewing/Changing a Storage Device.....	367
Deleting a Storage Device	369
Viewing/Changing the Online Lifecycle Settings	370
Activating a New Module.....	373
Procedure 1: Activating a New Module via the Update Server.....	374
Procedure 2: Activating a New Module via the Modules Tab.....	375
Viewing the System Status Page	377
Viewing/Printing Software Release Notes	381
Accessing Product Manuals & Training Videos	382
Updating the Application.....	384
Changing the Session Timeout Setting.....	392
Changing the Application’s Color Scheme	394
Downloading the Support Logs	396
Downloading the Java Runtime Environment (JRE) Application.....	398
Maintaining Bookmarks	400
Adding a Bookmark.....	401
Changing a Bookmark	403
Deleting a Bookmark.....	404
Changing the Number of Rows Per Page	406
Chapter 7: Security	411
Assigning Permissions.....	411
Permissions for User Roles.....	411
System-Defined User Roles.....	413
Default Permissions for System-Defined User Roles	413
Changing the Settings for a System-Defined User Role.....	415
Restoring a System-Defined User Role to its Default Settings.....	419

Chapter 7: Security (cont'd)	
Assigning Permissions (cont'd)	
Custom User Roles	420
Adding a Custom User Role	421
Changing a Custom User Role.....	424
Deleting a Custom User Role	428
Assigning Permissions to a User	430
Defining Password Policies	432
Chapter 8: Users.....	439
Searching for a User	439
Maintaining Users in DEV	441
Adding a User	441
Changing a User	447
Deleting a User	451
Exporting User Activity to a Spreadsheet	452
Glossary	455
Appendices	463
Appendix A: Ports & Protocols	463
Appendix B: End-User License Agreement	464
Appendix C: Suppressing Java Security Prompts	466
Index	467

1

Introduction

This manual provides data entry instructions and technical reference information for users of Digital Evidence Viewer (DEV). DEV is the companion software for Flashback, an in-car digital video recorder sold by Mobile-Vision, Inc.

DEV allows you to search for and view the video files recorded by your Flashback and Body Worn cameras. You can also export and burn selected videos to disc.

DEV is a PC application that users can access from other workstations via a standard web browser. You can use either *Internet Explorer* or *Mozilla Firefox* to access DEV.

This user guide is geared towards DEV *Administrator* users and other supervisory users. If you are a DEV *Officer* user or other non-supervisory user, refer to the *DEV Officer's Guide* instead.

For brevity, this user guide refers to all non-supervisory users as *Officers* and all supervisory users as *System Administrators*.

Any differences between Flashback, *BodyVISION*, BWX-100, and VIEVU DVRs are clearly noted in this documentation. For additional information on your particular DVR, refer to that DVR's User Guide, which is available for download from our Online Support Center (see *Online Support* link under *Bookmarks* menu option).

For more information, see:

- The Video Lifecycle, next page
- User Roles, page 3
- Logging into the System for the First Time, page 4
- Changing Your Password, page 5
- DEV Home Page, page 6
- Definitions, page 8
- Software Navigation, page 11
- Interview Room, page 14
- DVD File Formats, page 15
- Using the Online Help System, page 16.

The Video Lifecycle

The video lifecycle consists of several stages, or *phases*.

Phase 1: **Online Status**

The Server PC ingests a new video. The video's status is *online*. Users can search for the video, play it from the Server PC, export it, and/or change its associated data (i.e., video category, UMD fields, video notations, etc.). If the appropriate backup settings are selected, the system also archives the video during this phase.

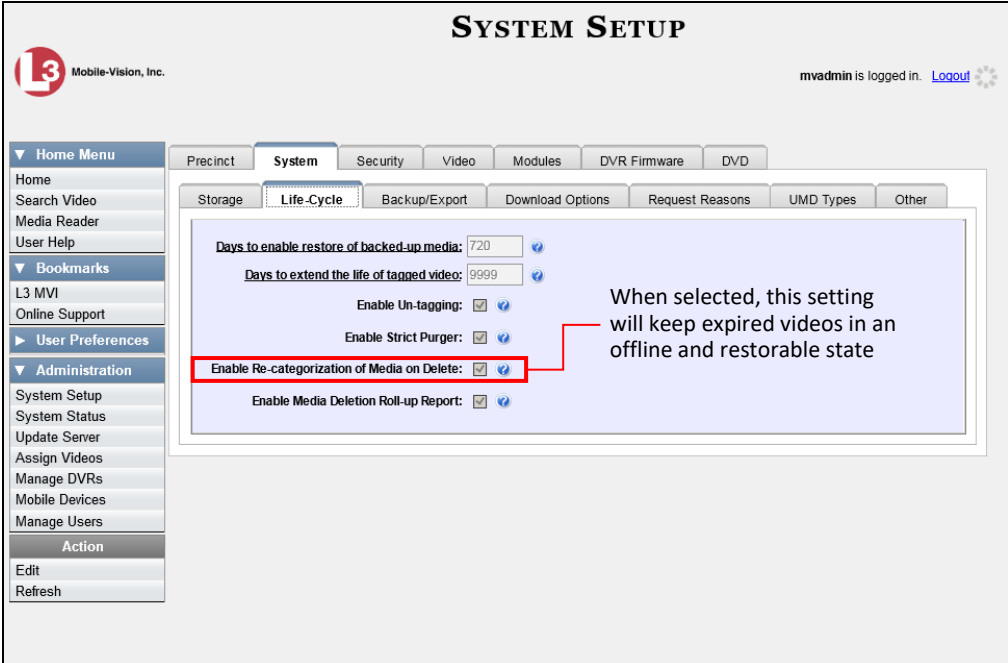
Phase 2: **Offline Status**

The video reaches an age where its status changes from *online* to *offline*, as determined by the *Days Online* setting and other system settings. Users can still search for the video and view its record, but they cannot play the video or export it. During this phase, users can reactivate the video, assuming that there is a backup file available for that video. If the video is reactivated, it returns to Phase 1. Otherwise it proceeds to Phase 3.

Phase 3: **Purging**

The offline video reaches an age where it is too old to be reactivated. This is determined by the *Days to enable restore of backed-up media* setting and other system settings. At that point, one of two things happens, depending on the following setting on the **Life-Cycle** tab:

- If the *Enable Re-categorization of Media on Delete* checkbox is selected, the system assigns the video a category of "Purged," which returns it to an *offline* but *restorable* state on the Server PC.
- If the *Enable Re-categorization of Media on Delete* checkbox is *not* selected, the system permanently removes the video from the DEV Server PC.



The screenshot displays the "SYSTEM SETUP" interface for Mobile-Vision, Inc. The user "mvadmin" is logged in. The "System" tab is selected, and the "Life-Cycle" sub-tab is active. The following settings are visible:

- Days to enable restore of backed-up media: 720
- Days to extend the life of tagged video: 9999
- Enable Un-tagging:
- Enable Strict Purger:
- Enable Re-categorization of Media on Delete:** (highlighted with a red box and a callout)
- Enable Media Deletion Roll-up Report:

A callout box points to the "Enable Re-categorization of Media on Delete" checkbox with the text: "When selected, this setting will keep expired videos in an offline and restorable state".

User Roles

In DEV, users are granted access to various system functions by assigning them a *user role*. A user role is simply a group of permissions. Whenever a user logs into DEV, the system will grant him access to various system functions according to the user role that's assigned to his User ID. As System Administrator, you are responsible for assigning permissions to each user role.

There are two types of user roles: *system-defined* and *custom*, as described below.

System-Defined User Roles

System-defined user roles are pre-defined user groups that come standard with DEV. They include:

- Officer
- Display-only Video
- Supervisor Lvl 1
- Supervisor Lvl 2
- Administrator.

These roles are customizable. You can add or remove permissions from them as desired. However, the names of these roles cannot be changed, nor can they be deleted from the system.

Custom User Roles

Custom user roles are user-defined user groups that you can create and then assign any number of permissions to. You can add, change, or delete custom user roles as desired.

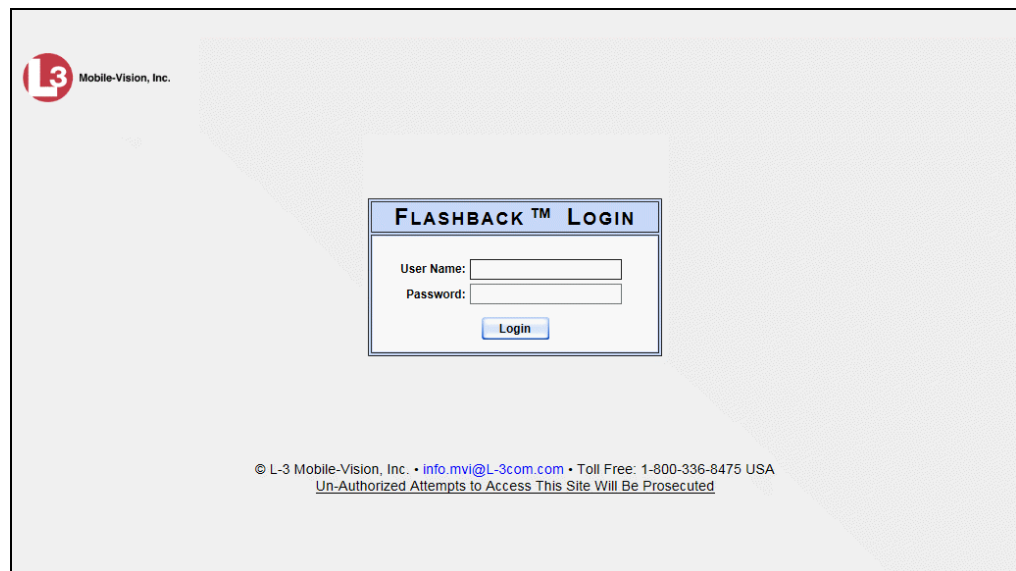
Logging into the System for the First Time

This section describes how to login to the Flashback application. Use the following User ID and password to login for the first time:

- User ID: **mvadmin**
- Initial login password: **mobile**



- 1 Double-click on the Mobile-Vision desktop icon. The Flashback Login screen displays.



- 2 Enter **mvadmin** in the *User Name* field.
- 3 Enter **mobile** in the *Password* field.
- 4 Click the **Login** button.

– OR –

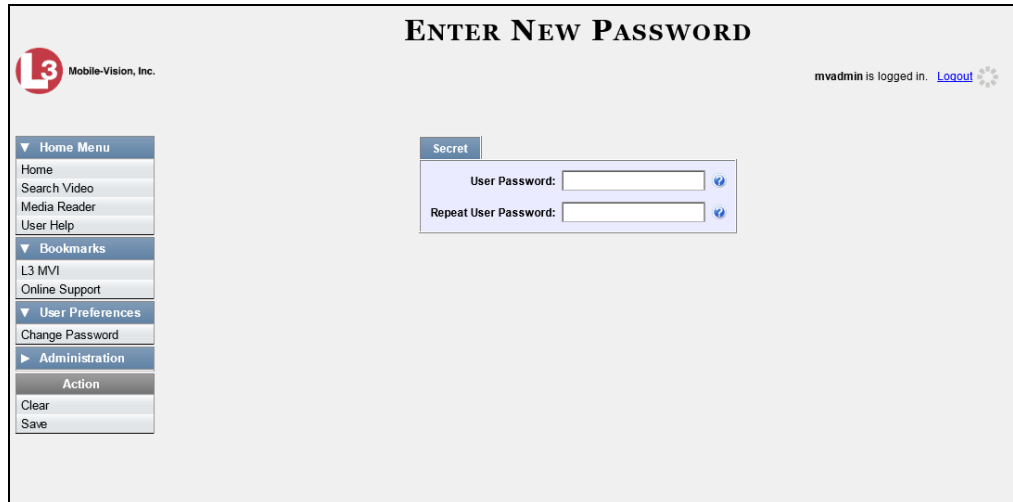
Press **Enter**.

The DEV Home Page displays. For a detailed description of this page, see “DEV Home Page” on page 6.

Changing Your Password

The first time you login to DEV, you should change your password. Please note that passwords are case-sensitive.

- 1 Go to **User Preferences** and click **Change Password**. The Enter New Password page displays.



- 2 Enter your new password in the *User Password* field. For security reasons, your password will not display as you type it.
- 3 Re-enter your new password in the *Repeat User Password* field.
- 4 Go to the **Action** column and click **Save**. A confirmation message displays at the top of the page.

Password has been updated

DEV Home Page

The Home Page is divided into two components: a *Main Menu* and a *Message Board*.

The Main Menu is the starting point for all system tasks, such as searching for a video

The Message Board contains information on recent burn requests and other system messages



The screenshot shows the DEV Home Page interface. At the top, it says "WELCOME HOME" and "Your last login was on: 11/30/2016 12:24:34". The user "mvadmin" is logged in. On the left is the "Home Menu" with options like Home, Search Video, Media Reader, User Help, Bookmarks, L3 MVI, Online Support, User Preferences, Administration, and Action. The "Message Board" is the main content area, showing "Inbox Messages" and "Sent Messages" tables. The "Inbox Messages" table has columns for Date, State, Message Text, and Actions. The "Sent Messages" table also has columns for Date, State, Message Text, and Actions. Red arrows point from the text on the left to the corresponding parts of the screenshot.

Date	State	Message Text	Actions
11/30/2016 12:29	Completed	New DVR was discovered and added to your server.	✗
11/30/2016 12:21	Completed	Server Update to build number trunk-19174 was successfully completed.	✗
10/18/2016 08:59	Completed	Dvd property values have been restored to default settings.	✗



Date	State	Message Text	Actions
11/30/2016 14:46	Working	Manual ISO request for System Video '1st Degree Assault' - Disc 1 of 1	✗

Message Board








Whenever you login to DEV, the Message Board displays. The Message Board is divided into two parts:

- ❑ *Inbox Messages*. These are the messages that the *system* sent to *you*. As an administrative user, you will see messages related to system problems and administrative functions. If you selected the *All Messages* radio button, you will also see all messages that the system sent to other DEV users.
- ❑ *Sent Messages*. These are the messages that *you* sent to the *system*, such as a burn request or download request. A *burn request* is a request to place a burn job in the Backup PC's burn queue. A *download request* is a request to export a selected video file to your PC.

Note the value in the *State* column under *Sent Messages*. This is the message's current status. There are four status types:

- ❑ *Queued*. The system has placed your request in a queue, which is a waiting list of system jobs.
- ❑ *Working*. The system is processing your request.
- ❑ *Completed*. The system has processed your request. If you requested a *burn job*, this means that your disc is ready. If you requested a *file download*, you will see a download icon——next to your request.
- ❑ *Failed*. Your request could not be processed. Click on the  icon to retry the job.

To the right of some of your messages, you will see icons. Click these icons to perform various actions, as described in the following table.

Icon	Description
	Download file
	<i>If selected from Inbox Messages: Delete a system message</i> <i>If selected from Sent Messages: Delete a queued job</i>
	Deny request
	View <i>export</i> or <i>video</i> details
	Resubmit job
	View DVR troubleshooting materials
	Resolve a DVR naming conflict

Main Menu

▼ Home Menu	
Home	← View system messages
Search Video	← Search for video; play video; burn video to disc
Media Reader	← Transfer video from a storage card or other external device to DEV
User Help	← Search the online help system
▼ Bookmarks	
L3 MVI	← Advance to Mobile-Vision's regular website
Online Support	← Advance to Mobile-Vision's Online Support Center
▼ User Preferences	
Change Password	← Change your login password
▼ Administration	
System Setup	← Configure the DEV application; change system defaults
System Status	← View system logs and statuses; access manuals and training videos
Update Server	← Check for system updates; update DEV server PC
Assign Videos	← Reassign videos to a different officer or DVR
Manage DVRs	← Add/update DVR records
Mobile Devices	← Assign Body Worn DVRs to officers; configure new Body Worn DVRs
Manage Users	← Add/update system users

Definitions

This section describes some of the key terms and concepts that are central to the DEV application.

Hardware Components

This user guide focuses on the *software* component of the Mobile-Vision Digital Evidence System. However, our evidence collection system has several *hardware* components as well. These components interface with the DEV software, so it's important to understand what each hardware component is and how it relates to the evidence collection system as a whole.

Server PC

The server PC is the Windows computer that hosts the DEV application and stores all of your video data.

Flashback DVRs

Flashback DVRs are the digital video recorders that are installed inside your precinct's patrol cars. These recorders collect video evidence and store it temporarily on a storage card until the video can be transmitted to the server PC. For more information on the Flashback, refer to your Flashback User's Guide.

BodyVISION DVRs

The *BodyVISION* is a small, wearable digital video recorder sold by Mobile-Vision. This device allows you to capture both high definition videos and .JPG "snapshot" images, then upload them to your server PC via a *BodyVISION* docking station. Videos recorded using this device are assigned the category of **Body Worn**.

BWX-100 DVRs

The BWX-100 is a small, wearable digital video recorder sold by Mobile-Vision. This device allows you to capture both full high definition videos and JPG "snapshot" images, then upload them to the server via a BWX-100 docking station. Videos recorded using this device are assigned the category of **Body Worn**.

Backup PC

A Backup PC is a computer used to process DVD burn requests. Because the process of burning DVDs is resource-intensive, one PC is dedicated to this task. If you are using a *Bravo* robotic DVD burner, the Backup PC is a separate computer workstation connected to the disc burner. If you are using a *Rimage* DVD/Blu-Ray burner that combines a disc burner with a computer, the Backup PC refers to the computer component of the Rimage.

Robotic DVD Burner

A robotic DVD burner is a disc duplicator that burns and labels your *Certified Backup Discs* and *User-Requested Certified Copies* (see definitions below). Mobile-Vision sells two types of burners: the *Bravo*, a stand-alone unit, and the *Rimage*, a combination disc burner/computer. If you have a Rimage, you do not need a separate Backup PC.

Rimage units can burn CDs, DVDs, and Blu-Ray discs. Most Bravo units can burn CDs and DVDs. The higher-end Bravos can burn Blu-Ray discs as well.

Certified Backup Disc (CBD)

A Certified Backup Disc or “CBD” for short is an archive DVD used to restore videos to the server PC. The system automatically sends CBD burn requests to the Backup PC without any action on your part. The number and type of files burned to CBD is determined by your system settings. Factors such as a file’s age, type, category, etc., all help determine what the system will back up. You define these backup parameters through DEV. If a video file is supposed to be backed up, the system will add it to an archive job shortly after the video transmits to the server PC (for more on this topic, see *Transmission* on the next page). Once there are enough files to fill up an archive disc, the system automatically generates a CBD.

All CBDs are printed with an identification number that makes it easy for you to restore the files at a later date, should the need arise (permissions required).

User-Requested Certified Copy

A DVD that you can, with the proper permissions, create yourself using either the robotic DVD burner or your PC’s DVD burner. Also referred to as an *export* disc. For more on the different types of DVDs and how they are created, see chapter 3.

Access Point

An access point is a device used to transmit videos from your in-car Flashback DVRs to the server PC. This device is connected to a wireless network antenna mounted on the outside of the building that houses your server PC.

Some precincts have more than one access point to accommodate multiple vehicles that park in different areas outside the building. See also “Transmission” on the next page.



NOTE: Some smaller agencies do not use Access Points, as they download all their videos manually.

Transmission

Transmission refers to the process of transferring video files from your in-car DVR to the server PC. This transmission can occur either *automatically* (typical) or *manually*:

- ❑ *Automatic transmission.* Whenever a vehicle comes within approximately 300 feet of an access point, it triggers an automatic transmission. During this transmission, all videos that are currently stored on the DVR will wirelessly transfer to the server PC via the access point.
- ❑ *Manual transmission.* Each Flashback DVR holds a temporary storage device called an *SD card* (Flashback3/FlashbackHD) or *CF card* (Flashback2). This card is used to temporarily store an officer's videos until they can be transferred to the server PC. If necessary, an officer can use this card to *manually* transfer videos to their PC, assuming he has the proper permissions. For more information, see "Manually Uploading New Videos" in chapter 2.

Software Concepts

Automatic Archive

An automatic archive is a backup process that is triggered by the system based on predefined rules that you set in the application. When a video's category is set to *Backup Enabled* and that video has been online for at least five minutes, the system will automatically back that video up during the next archive session.* Once there are enough files to fill up an archive disc, the robotic DVD burner will burn a Certified Backup Disc. Aside from the initial system configuration, automatic archives do not require any action on your part.

Export

An export is the system process used to copy video, case files, and/or Body Worn snapshots for the purpose of either burning them to DVD *or* downloading them to your PC.

User Metadata (UMD)

User Metadata or *UMD* refers to custom data fields that you can link to a video. You define these fields through DEV. Their purpose is to allow officers to annotate their videos with custom data, such as a subject description. If an officer has a mobile data computer with the UMD Editor installed on it, he has the option of attaching UMD to a video immediately after it is finished recording. Otherwise, he can attach UMD back at the precinct when he connects to the server PC. For more information, see "Adding Predefined User Metadata to a Video" in chapter 2.

* Assuming your backup function is activated

Reactivation

Reactivation is the process used to restore a video file that the system took *offline* after it was backed up to disc. There is a limited time period in which you can reactivate an archived video. This time period depends on your system settings. You must have the proper permissions to reactivate files.

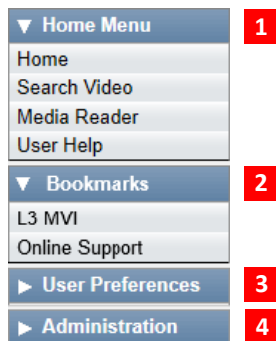
Offline Files

If the status of a video is “offline,” it indicates that some, but not all, of that record’s data or functions are available on the server PC. If a video is offline, you will be able to view that video’s thumbnail image and statistics (category, duration, record reason, etc.), but not the video itself. Also, you cannot *export* an offline video.

You can, in some cases, reactivate an offline video. For more information, see “Reactivating an Offline Video” in chapter 2.

Software Navigation

When you first login to DEV, you will see four main menus on the far left of your screen: *Home Menu*, *Bookmarks*, *User Preferences*, and *Administration*. These menus are the starting point for all DEV functions. By default, the Home Menu (1) and Bookmarks menus (2) are *maximized* (open) upon login and the User Preferences (3) and Administration (4) menus are *minimized* (closed).

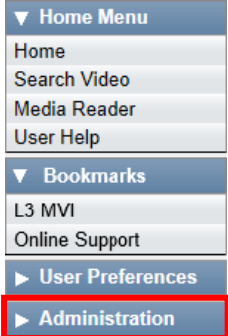


(Continued)

Minimizing/Maximizing Menus

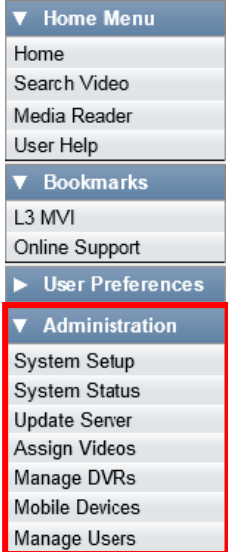
When you click on one of the menu buttons on the left side of your screen, you can toggle back and forth between a minimized (closed) and maximized (open) view.

Minimized menu



When the arrow points RIGHT, the menu options are hidden




Maximized menu



When the arrow points DOWN, the menu options are visible


Scrolling Through Multiple Records

Whenever you search for records in the application (videos, DVRs, users, etc.), your search results may yield a large number of records. The following navigation buttons are used to advance forward or backward through a results list.

Button	Description
	Next Page/Previous Page. Used to scroll through the search results one page at a time.
	Fast forward/fast rewind. Used to scroll through the search results ten pages at a time.
	First Page/Last Page. Used to advance to the first page or last page of the search results, respectively.

Sorting Multiple Records

Whenever you display a list of records, you have the option of changing the manner in which those records are sorted. For example, by default, the Video Search Results page is sorted by *Video Start*. However, you can change that sort value to *Owner*, *DVR Name*, or *Category*, as described below.

























VIDEO SEARCH RESULTS


mvadmin is logged in. [Logout](#)

- ▼ Home Menu
- Home
- Search Video
- Media Reader
- User Help
- ▼ Bookmarks
- L3 MVI
- Online Support
- ▶ User Preferences
- ▶ Administration
- Action
- New Search
- Export
- Back to Video


Videos

Page 1 of 1 (6 total records)

	Details	Play	Owner	DVR Name	Duration	Category	Video Start ▼	Notes
			Officer Zalewski	ProdMan43	5 min	Traffic Citation	02/16/2018 11:48	
			Officer Zalewski	CW022	78 min	Arrest	09/12/2017 16:43	
			Officer Zalewski	CW_FBHD	7 min	Purged	01/07/2016 09:54	
			Officer Zalewski	CW02	Image	No Citations	11/02/2015 10:00	
			Officer Zalewski	ProdMan13	16 min	Interview	02/27/2014 06:27	
			Officer Zalewski	LL-Truck	17 min	No Citations	06/23/2009 12:45	

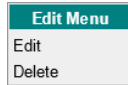
To sort a list in *ascending* order—from lowest value to highest value—click *once* on the new column header you wish to sort by. An *up* arrow displays: .

– OR –

To sort a list in *descending* order—from highest value to lowest value—click *twice* on the new column header you wish to sort by. A *down* arrow displays: .

Right-clicking on a Row

If you right-click on a row that is editable, the system will display a “shortcut” popup similar to this one:



You can also select these same options from the **Action** column:



Interview Room

Interview Room is an optional module that is used to record officer/subject interviews at your precinct. If your agency chose to purchase this module, you will have one or more Flashback cameras set up in your agency’s interview room(s). All of the DEV features and functions for videos generated by these DVRs are the same as they are for videos generated by in-car units, with minor exceptions that are noted in the product documentation.

For brevity, DVR references in this manual refer to the in-car units only.

If your agency is interested in the Interview Room module, contact Mobile-Vision Sales at 1-800-336-8475.

DVD File Formats—A Side-by-Side Comparison

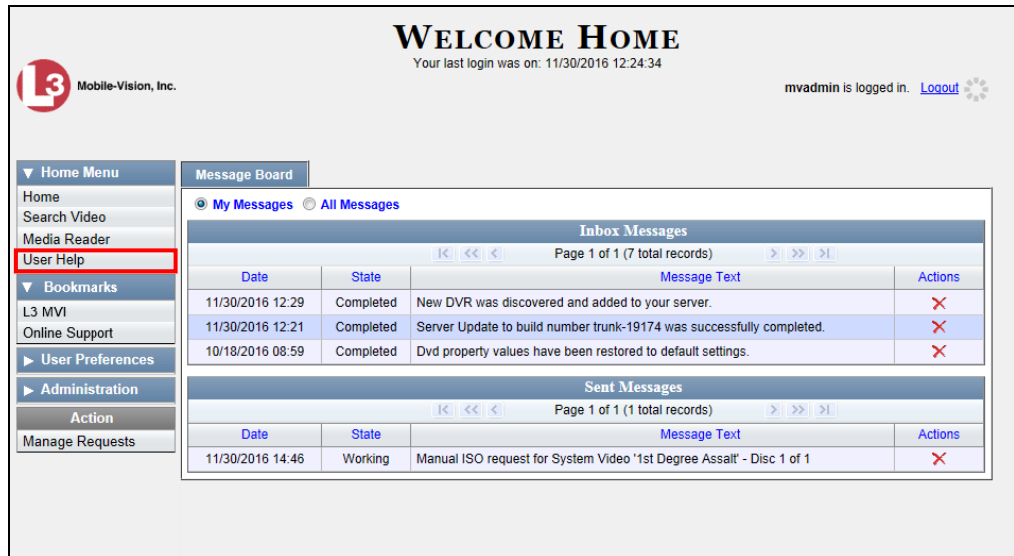
Depending on your permissions, there are several file formats that may be available to you as an administrative user: *Data DVD*, *Consumer DVD*, *Interchange Format*, and *Uncompressed Format*. Each of these formats has advantages and disadvantages, as outlined below.

FOIA Redacted Format					
Interchange Format					
Consumer DVD					
Data DVD					
Uncompressed format					
Play on a consumer DVD player			✓		
Play on a PC	✓*	✓	✓*	✓*	✓*
Import into third-party applications	✓		✓	✓	✓
Editable	✓			✓	✓
Tamper proof		✓			
Advance to 'Trace' points placemarkers		✓			
View user metadata attached to videos		✓			
View media files attached to cases		✓			
View Chain of Custody Report		✓			
View 'Record Triggers'		✓			
View GPS coordinates (permissions required)		✓			
View vehicle speed (permissions required)		✓			
View braking information		✓			
View radar information		✓			
View in Google Maps		✓			
Show both front and rear camera views		✓			
Include up to two audio streams per video			✓	✓	✓
Include up to three audio streams per video		✓			
Play on a Macintosh			✓*	✓*	✓*
Redact view prior to exporting					✓

* Special software required, such as Power DVD.

Using the Online Help System

DEV comes with a searchable online help system that provides you with the same how-to steps and definitions that are covered in this manual. To access Help, go to **▼ Home Menu** and click **User Help**.



WELCOME HOME
Your last login was on: 11/30/2016 12:24:34
mvadmin is logged in. [Logout](#)

Message Board
My Messages All Messages

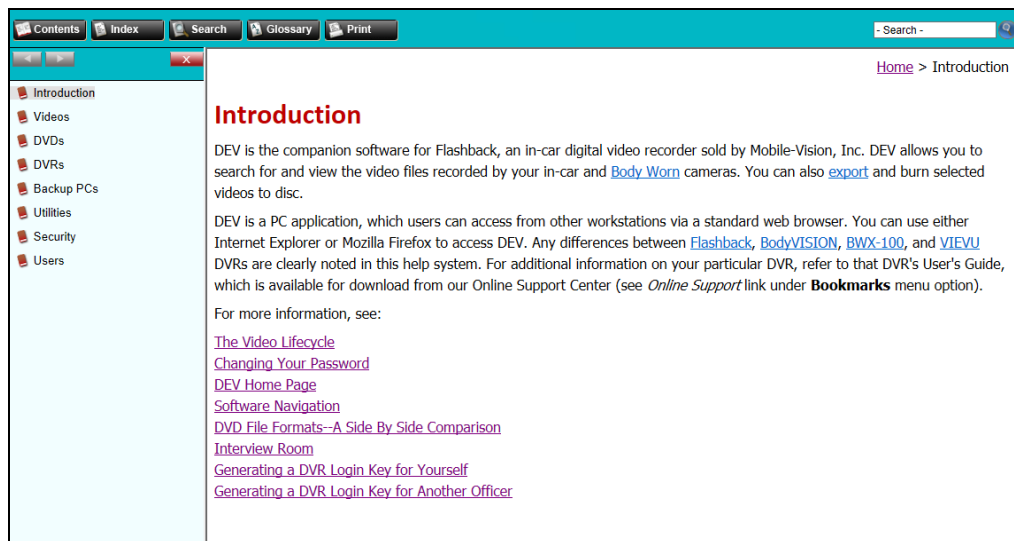
Inbox Messages
Page 1 of 1 (7 total records)

Date	State	Message Text	Actions
11/30/2016 12:29	Completed	New DVR was discovered and added to your server.	✗
11/30/2016 12:21	Completed	Server Update to build number trunk-19174 was successfully completed.	✗
10/18/2016 08:59	Completed	Dvd property values have been restored to default settings.	✗

Sent Messages
Page 1 of 1 (1 total records)

Date	State	Message Text	Actions
11/30/2016 14:46	Working	Manual ISO request for System Video '1st Degree Assault' - Disc 1 of 1	✗

The Help Contents page displays.



Contents Index Search Glossary Print

Home > Introduction

Introduction

DEV is the companion software for Flashback, an in-car digital video recorder sold by Mobile-Vision, Inc. DEV allows you to search for and view the video files recorded by your in-car and [Body Worn](#) cameras. You can also [export](#) and burn selected videos to disc.

DEV is a PC application, which users can access from other workstations via a standard web browser. You can use either Internet Explorer or Mozilla Firefox to access DEV. Any differences between [Flashback](#), [BodyVISION](#), [BWV-100](#), and [VIEWU](#) DVRs are clearly noted in this help system. For additional information on your particular DVR, refer to that DVR's User's Guide, which is available for download from our Online Support Center (see [Online Support](#) link under **Bookmarks** menu option).

For more information, see:

- [The Video Lifecycle](#)
- [Changing Your Password](#)
- [DEV Home Page](#)
- [Software Navigation](#)
- [DVD File Formats--A Side By Side Comparison](#)
- [Interview Room](#)
- [Generating a DVR Login Key for Yourself](#)
- [Generating a DVR Login Key for Another Officer](#)

To search the topical index, click the **Index** tab.

2 Videos

This chapter describes how to search for, display, and view Flashback videos, Body Worn* videos, and Body Worn still images or “snapshots”. It also describes how to update and maintain those system settings that relate to videos, such as video categories and notations.

The Flashback videos that an officer captures during each shift are automatically transmitted to the DEV server PC whenever his vehicle comes within range of an *access point* (see Glossary for definition). Body Worn videos and snapshots, on the other hand, upload to the server PC after an officer places the Body Worn camera in a docking station that’s connected to the server PC.

Once a video or snapshot file resides on the server PC, you can access it by logging into the DEV application from your PC workstation.

Video viewing privileges are associated with User IDs. When you create a User ID for a user, you set his viewing privileges to either *private* or *public*. If his viewing privileges are *private*, the only users who can view and/or notate his files are he and users with the *Edit Private Data* permission. If his viewing privileges are *public*, any DEV user can *view* his files, but only he and users with the *Edit Private Data* permission can *notate* them.

Unless otherwise noted, all video procedures described in this chapter apply to both videos and Body Worn snapshots. For brevity, the term “video” is used to apply to both file types.

For more information, see:

- Searching for Videos, next page
 - Viewing Video Search Results, page 27
 - Displaying a Video, page 30
 - Displaying a Snapshot, page 47
 - Playing a Video, page 52
 - Exporting a Video Frame, page 61
 - Changing a Video’s Category, page 64
 - Adding Predefined User Metadata to a Media File, page 65
 - Adding Predefined Video Notations to a Media File, page 66
 - Tagging, page 67
 - Generating a Chain of Custody Report for a Media File, page 70
 - Reactivating an Offline Video, page 72
 - Re-importing “Expired” Video, page 78
- (Continued)

* Includes BodyVISION and BWX-100 cameras

- Manually Uploading New Videos, page 82
- Downloading Video Files to Your PC, page 91
- Exporting a Snapshot, page 111
- Viewing a Video's Logs, page 115
- Viewing a Snapshot's Logs, page 117
- Reassigning Video to a Different Officer, page 121
- Reassigning Video to a Different DVR, page 126
- Maintaining User Metadata, page 128
- Video Notations, page 135
- Updating Viewing Options, page 146
- Video Categories, page 152
- Installing the UMD Editor on an Officer's Mobile Data Computer, page 157
- Exporting Video Activity to a Spreadsheet, page 158
- Flashback File Converter, page 162
- Installing the Windows Codec Utility for AVI Videos, page 168
- Manually Installing the VIEVU Drivers, page 171
- Manually Installing the Flashback Player, page 173
- Body Worn Viewing Requests, page 177
- Keeping Offline Video Records on the Server, page 198
- Generating the Purged Videos Report, page 200
- Customizing the Video Search Results Page, page 202

Searching for Videos

You can search for videos by a number of different criteria. DEV provides you with two search methods: *basic* and *advanced*.

Search Method	Used to search for video by some or all of this criteria...
Basic	<ul style="list-style-type: none"> ▪ Date ▪ DVR ▪ System ID ▪ Owner ▪ Category
Advanced	<ul style="list-style-type: none"> ▪ After Date ▪ Before Date ▪ DVR ▪ DVR Type ▪ Body Worn Mode ▪ System ID ▪ Owner ▪ Category ▪ Tagged ▪ Status ▪ Record Trigger ▪ Latitude ▪ Longitude ▪ Incident number ▪ Speed Greater Than ▪ UMD

For specific instructions, see:

- Performing a Basic Video Search, next page
- Performing an Advanced Video Search, page 22.

Performing a Basic Video Search

This section describes how to search for a video by the following criteria: *date*, *DVR*, *System ID*, *owner*, and/or *category*.

- 1 Go to **Home Menu** and click **Search Video**. The Search Video page displays.

- 2 Look under the **Action** column. If the **Basic Search** option displays, click on it. Otherwise proceed to the next step.
- 3 Enter/select the field values you wish to search on, as described below.

Basic Search Form	
Search Field	Description
Date	Limits your search to those videos that began recording on this date. <i>Select this date from the calendar popup OR enter directly in mm/dd/yyyy format.</i>
DVR	Limits your search to those videos that were captured by this DVR unit. For more information, see <i>DVR Name</i> in the table on page 32. <i>Select this value from the drop-down list.</i>
System ID	Limits your search to a video in which the System ID is equal to this value.
Owner	Limits your search to those videos that are owned by this officer. For more information, see <i>Owner</i> in the table on page 32. <i>Select this value from the drop-down list.</i>
Category	Limits your search to those videos that fall within this category. For more information, see <i>Category</i> in the table on page 33. <i>Select this value from the drop-down list.</i>

Available Actions	
Action	Description
Search	Execute your search.
Advanced Search/ Basic Search	Toggle back and forth between the Basic Search form and the Advanced Search form. For more information, see “Performing an Advanced Video Search” on page 22.
Clear	Remove all entries and selections from the Search form.
Previous Results	Return to the Video Search Results page, if applicable. If you have not performed a search since you logged on, this action will not display.
Back to Video	Display the Video Details of the last video you viewed or played, if applicable. If you have not viewed or played a video since you logged on, this action will not display.

- Go to the **Action** column and click **Search**. All videos that match your selection criteria display on the Video Search Results page.

VIDEO SEARCH RESULTS



mvadmin is logged in. [Logout](#)

Home Menu	Videos							
Home	Page 1 of 3 (17 total records)							
Search Video	Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
Media Reader			*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	19 min	00-Unclassified-90 Days	03/08/2016 16:54	
User Help			*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 16:32	
Bookmarks			*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 16:10	
L3 MVI			*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 15:48	
Online Support			*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 15:25	
User Preferences			*1 ON ONFB3@21:03:10	*1 UN FB3@21:11:10	3 min	00-Unclassified-90 Days	01/15/2016 15:10	
Administration								
Action								
New Search								
Export								


The example above shows the default columns for the Video Search Results page. If desired, your agency can customize this screen, as described in “Customizing the Video Search Results Page” on page 202.

By default, videos are sorted chronologically by the video’s start date/time. To sort the results differently, proceed to the next step. Otherwise skip to step 6.

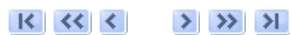
- Go to the column heading you wish to sort by*:

To sort in *ascending* order—that is, from lowest value to highest value—click the column header *once*. An *up* arrow displays: 

– OR –

To sort in *descending* order—that is, from highest value to lowest value—click the column header *twice*. A *down* arrow displays: 

- If necessary, use the navigation buttons at the top of the video list to scroll through the search results.



- To further narrow your selection results, proceed to the next step. Otherwise skip to step 10.

- Click the Quick Search icon at the top of the Videos list. A row of search fields displays.



The screenshot shows the 'VIDEO SEARCH RESULTS' page. At the top, there is a logo for 'Mobile-Vision, Inc.' and a user login 'mvadmin is logged in. Logout'. Below the header is a navigation menu on the left and a main content area. The main content area has a 'Videos' section with a table of results. The table has columns: Details, Play, Owner, DVR Name, DVR Type, Duration, Category, Video Start, and Notes. The 'Owner', 'DVR Name', 'DVR Type', and 'Category' columns are highlighted with a red box, indicating they are the search criteria being used. The table contains 6 rows of video records.

Details	Play	Owner	DVR Name	DVR Type	Duration	Category	Video Start	Notes
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	Vehicle	19 min	00-Unclassified-90 Days	03/08/2016 16:54	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	Vehicle	22 min	00-Unclassified-90 Days	03/08/2016 16:32	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	Vehicle	22 min	00-Unclassified-90 Days	03/08/2016 16:10	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	Vehicle	22 min	00-Unclassified-90 Days	03/08/2016 15:48	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	Vehicle	22 min	00-Unclassified-90 Days	03/08/2016 15:25	
		*1 ONFB3@21:03:10	*1 FB3@21:11:10	Vehicle	3 min	00-Unclassified-90 Days	01/15/2016 15:10	

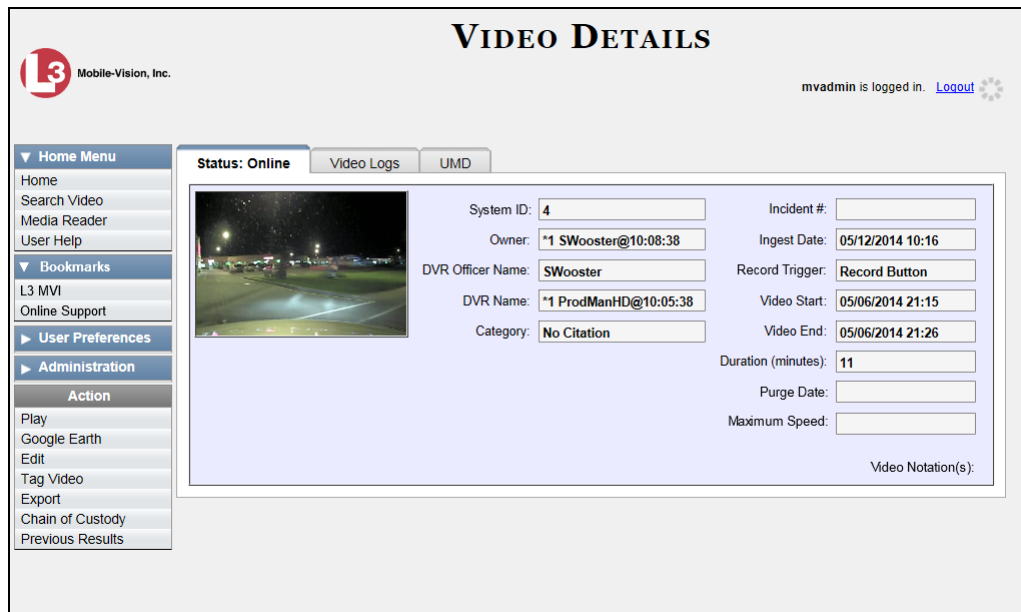
These fields are described in the table on page 28.

- Using the search fields provided, select additional search criteria. The system automatically narrows the video list to those videos that match your newly entered criteria.

For a detailed description of the components on this page, see “Viewing Video Search Results” on page 27.

* You can sort on all columns except *Duration*, *Notes*, and *Incident #*

- 10** To view a video’s details, click the Details icon to the left of the video. The Video Details page displays.



VIDEO DETAILS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

User Preferences

Administration

Action

- Play
- Google Earth
- Edit
- Tag Video
- Export
- Chain of Custody
- Previous Results

Status: Online | Video Logs | UMD

System ID: 4 | **Incident #:**

Owner: *1 SWooster@10:08:38 | **Ingest Date:** 05/12/2014 10:16

DVR Officer Name: SWooster | **Record Trigger:** Record Button

DVR Name: *1 ProdManHD@10:05:38 | **Video Start:** 05/06/2014 21:15

Category: No Citation | **Video End:** 05/06/2014 21:26

Duration (minutes): 11

Purge Date:

Maximum Speed:

Video Notation(s):

For a detailed description of the components on this page, see the table beginning on page 32.

Performing an Advanced Video Search

This section describes how to search for a video by one or more of the following criteria:

- After Date
- Before Date
- DVR
- DVR Type
- Body Worn Mode
- System ID
- Owner
- Category
- Tagged
- Status
- Record Trigger
- Latitude
- Longitude
- Incident #
- Speed Greater Than
- UMD

- Go to **Home Menu** and click **Search Video**. The Search Video page displays, as pictured on the next page.
- Look under the **Action** column. If the **Advanced Search** option displays, click on it. Otherwise proceed to the next step.

3 Enter/select the field values you wish to search on, as described below.

Advanced Search Form	
Search Field	Description
After Date	Limits your search to those videos that began recording <i>after</i> this date. To search for a date <i>range</i> , use this field in combination with the <i>Before Date</i> field. <i>Select this date from the calendar popup OR enter directly in mm/dd/yyyy format.</i>
Before Date	Limits your search to those videos that began recording <i>before</i> this date. To search for a date <i>range</i> , use this field in combination with the <i>After Date</i> field. <i>Select this date from the calendar popup OR enter directly in mm/dd/yyyy format.</i>
DVR	Limits your search to those videos that were captured by this DVR unit. For more information, see <i>DVR Name</i> in the table on page 32. <i>Select this value from the drop-down list.</i>
DVR Type	Limits your search to those videos that were captured by one of these DVR types: <ul style="list-style-type: none"> ▪ <i>Vehicle</i>. A DVR that is installed inside a vehicle, such as a police cruiser. ▪ <i>Interview Room</i>. A DVR that is installed inside an interview room. This type of DVR is used in conjunction with the optional <i>Interview Room</i> module. ▪ <i>Body Worn</i>. A <i>BodyVISION</i> or <i>BWX-100</i> Body Worn camera. ▪ <i>VieVu</i>. A <i>VIEVU</i> Body Worn camera. <i>Select this value from the drop-down list.</i>


(Continued)

Advanced Search Form (cont'd)	
Search Field	Description
Body Worn Mode	Limits your search to <i>BodyVISION</i> and BWX-100 videos, snapshots, or both. This field will only display if you select a <i>DVR Type</i> of Body Worn . <i>Select this value from the drop-down list.</i>
System ID	Limits your search to a video in which the System ID is equal to this value.
Owner	Limits your search to those videos that are owned by this officer. For more information, see <i>Owner</i> in the table on page 32. <i>Select this value from the drop-down list.</i>
Category	Limits your search to those videos that fall within this category. For more information, see <i>Category</i> in the table on page 33. <i>Select this value from the drop-down list.</i>
Tagged	Limits your search to those videos that are either tagged or not tagged. For more information, see “Tagging” on page 67. <i>Select this value from the drop-down list.</i>
Status	Limits your search to those videos with a status of <i>online</i> or <i>offline</i> . If a video is <i>online</i> , it means that it is still stored on the DEV server PC and you can play it directly off of the server PC. If a video is <i>offline</i> , it means that it has been purged from DEV due to its age, category, and/or other system settings. You can still view that video’s thumbnail image and statistics (owner, category, duration, etc.), but not the video itself. <i>Select this value from the drop-down list.</i>
Record Trigger	Limits your search to those videos with this record trigger. For a list of record triggers, see <i>Record Trigger</i> in the table on page 35. <i>Select this value from the drop-down list.</i>
Latitude	Limits your search to those videos in which the latitudinal coordinate contains this text. <i>Must be used in conjunction with the ‘Longitude’ field. The Player Display GPS permission is required to search on this field.</i>
Longitude	Limits your search to those videos in which the longitudinal coordinate contains this text. <i>Must be used in conjunction with the ‘Latitude’ field. The Player Display GPS permission is required to search on this field.</i>
Incident #	Limits your search to those videos in which the Incident number contains these digits.

Available Actions	
Action	Description
Speed Greater Than	Limits your search to those videos whose recorded maximum vehicle speed during a recording was greater than this value. The <i>Player Display Speed</i> permission is required to search on this field.
UMD	Limits your search to videos that contain this user meta-data. For more information, see “Maintaining User Meta-data” on page 128.
Search	Execute your search.
Basic Search/ Advanced Search	Toggle back and forth between the Advanced Search form and the Basic Search form. For more information, see “Performing a Basic Video Search” on page 19.
Clear	Remove all entries and selections from the Search form.
Previous Results	Return to the previous Video Search Results page, if applicable. If you have not performed a search since you logged on, this action will not display.
Back to Video	Display the Video Details page for the last video you viewed or played, if applicable. If you have not viewed or played a video since you logged on, this action will not display.

- Go to the **Action** column and click **Search**. All videos that match your selection criteria display on the Video Search Results page.

VIDEO SEARCH RESULTS


mvadmin is logged in. [Logout](#)


	Videos							
	Page 1 of 1 (6 total records)							
	Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
Home Menu			Officer Zalewski	ProdMan43	5 min	Traffic Citation	02/16/2018 11:48	
Search Video			Officer Zalewski	CW022	78 min	Arrest	09/12/2017 16:43	
Media Reader			Officer Zalewski	CW_FBHD	7 min	Purged	01/07/2016 09:54	
User Help			Officer Zalewski	CW02	Image	No Citations	11/02/2015 10:00	
Bookmarks			Officer Zalewski	ProdMan13	16 min	Interview	02/27/2014 06:27	
L3 MVI			Officer Zalewski	LL-Truck	17 min	No Citations	06/23/2009 12:45	
Online Support								
User Preferences								
Administration								
Action								
New Search								
Export								
Back to Video								

The example on the previous page shows the default columns for the Video Search Results page. If desired, your agency can customize the Video Search Results page, as described in “Customizing the Video Search Results Page” on page 202.


For a detailed description of the components on the Video Search Results page, see the next section, “Viewing Video Search Results.”

By default, videos are sorted chronologically by the video’s start date/time. To sort the results differently, proceed to the next step. Otherwise skip to step 6.

- Go to the column heading you wish to sort by*:

To sort in *ascending* order—that is, from lowest value to highest value—click the column header *once*. An *up* arrow displays: 

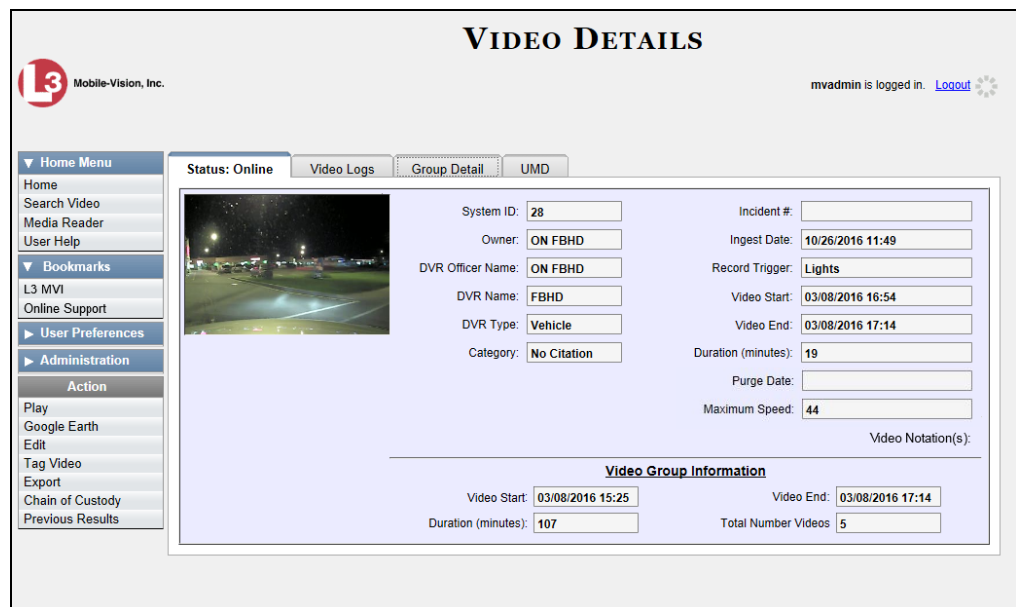
– OR –

To sort in *descending* order—that is, from highest value to lowest value—click the column header *twice*. A *down* arrow displays: 

- If necessary, use the navigation buttons at the top of the video list to scroll through the search results.



- To view a video’s details, click the Details icon to the left of that video. The Video Details page displays.



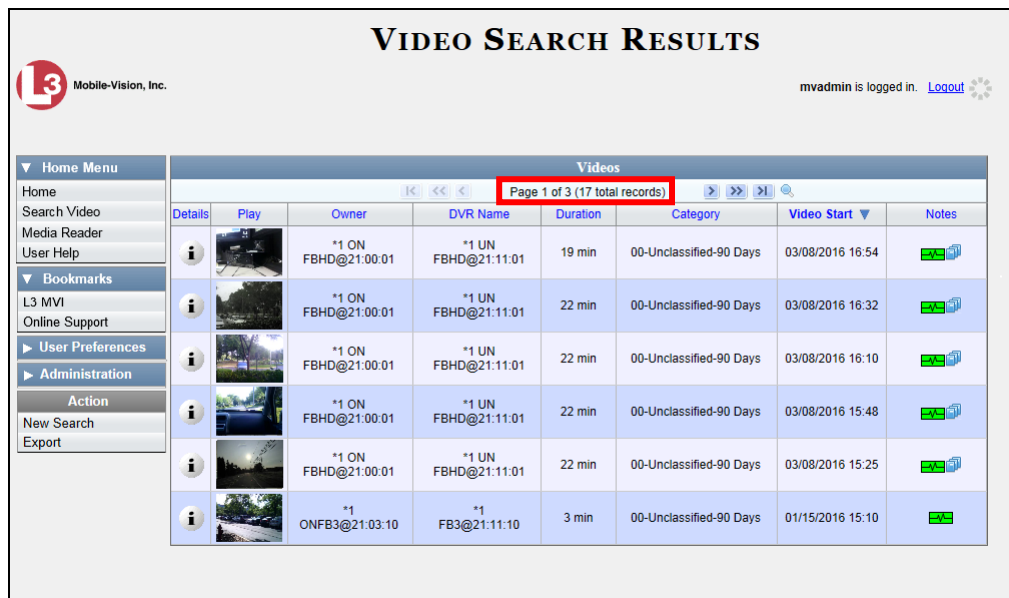
For a detailed description of the components on this page, see the table beginning on page 32.

* You can sort on all columns except *Duration*, *Notes*, and *Incident #*

Viewing Video Search Results

This section describes the various components on the Video Search Results page. This page displays after you execute a search, as described in “Performing a Basic Video Search” on page 19 and “Performing an Advanced Video Search” on page 22.




The Video Search Results page consists of a table with information about each video. The total number of videos included in your search results displays at the top of the results list, as pictured below.




VIDEO SEARCH RESULTS							
Mobile-Vision, Inc. mvadmin is logged in. Logout							
Videos							
Page 1 of 3 (17 total records)							
Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	19 min	00-Unclassified-90 Days	03/08/2016 16:54	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 16:32	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 16:10	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 15:48	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 15:25	
		*1 ONFB3@21:03:10	*1 FB3@21:11:10	3 min	00-Unclassified-90 Days	01/15/2016 15:10	

The example above shows the default columns for the Video Search Results page. If desired, your agency can customize this screen, as described in “Customizing the Video Search Results Page” on page 202.








The other components of the Video Search Results page are described below and on the next page.

Navigation Buttons	
Button	Description
	Next Page/Previous Page. Used to scroll through the search results one page at a time.
	Fast forward/fast rewind. Used to scroll through the search results ten pages at a time.
	First Page/Last Page. Used to advance to the first page or last page of the search results, respectively.

If the navigation buttons are grayed out, it indicates that there is only one page of search results.

Quick Search Icon *	
	A toggle switch used to display or collapse a row of search fields. You can use these fields to further narrow your search results (i.e., perform a “search within a search”). See <i>Quick Search Fields</i> below. This icon only displays after you perform a <i>Basic</i> search.
Quick Search Fields *	
Search Field	Description
Owner	Limits your search to those videos that are owned by a particular officer. For more information, see <i>Owner</i> in the table on page 32. <i>Select this value from the drop-down list.</i>
DVR Name	Limits your search to those videos that were recorded by a specific DVR unit. For more information, see <i>DVR Name</i> in the table on page 32. <i>Select this value from the drop-down list.</i>
Category	Limits your search to those videos that fall within a selected category. For more information, see <i>Category</i> in the table on page 33. <i>Select this value from the drop-down list.</i>
Video Start	Limits your search to those videos that began recording on a specified date. <i>Select this date from the calendar popup OR enter directly in mm/dd/yyyy format.</i>
Default Video Information	
Column	Description
Details	The View Video Details icon. Used to display the Video Details page.
Play	A thumbnail image of the video. Used to launch the Flashback Player and watch the video (online videos only) or display a larger view of the Body Worn snapshot.
Owner	The name of the officer who owns this video. For more information, see <i>Owner</i> in the table on page 32.
DVR Name	The name of the DVR unit on which this video was recorded. For more information, see <i>DVR Name</i> in the table on page 32.
Duration	The video’s length, in minutes. If the word “Image” displays in this field rather than a number, it indicates that this record is a <i>BodyVISION</i> or <i>BWX-100</i> snapshot.

* Basic Search only.

Default Video Information (cont'd)	
Column	Description
Category	The category assigned to this video. For more information, see <i>Category</i> in the table on page 33.
Video Start	The date and time at which this video began recording. Displays in mm/dd/yyyy hh:mm format.
Notes	<p>Status icons used to provide details on each video.</p> <ul style="list-style-type: none">  The video file has been tagged by a user. For more information, see “Tagging” on page 67.  The video file is <i>online</i>.  The video file is <i>offline</i> and has not been backed up to an archive disc.  The video file has been burned to an archive disc.  The video is being burned to an archive disc (burn job in progress)  The video file belongs to a video group. For more information, see “Viewing a Video’s Group Information” on page 39.  The video record includes one or more snapshot still images. <i>Applies to Body Worn videos only.</i>
Custom Video Information	
If your agency has chosen to customize the Video list, some of the following columns may also appear.	
Column	Description
System ID	The unique identification number that the system assigned to this video.
DVR Officer Name	The name of the officer who was logged into the DVR at the time this video was recorded. Because NJSP does not currently use the DVR login feature, the value of this field will always be *1 No name .
DVR Type	<p>The type of DVR that captured this video:</p> <ul style="list-style-type: none"> ▪ <i>Vehicle</i>. A Flashback DVR that is installed inside a vehicle, such as a police cruiser. ▪ <i>Interview Room</i>. A Flashback DVR that is installed inside a precinct interview room. This type of DVR is used in conjunction with the optional <i>Interview Room</i> module. ▪ <i>Body Worn</i>. A <i>BodyVISION</i> or BWX-100 Body Worn camera. ▪ <i>VieVu</i>. A VIEVU Body Worn camera.

(Continued)

Custom Video Information (cont'd)	
Column	Description
Incident #	The agency incident number associated with this video.
Ingest Date	The date and time at which this video file transmitted to the server PC from the DVR unit. Displays in mm/dd/yyyy hh:mm format.
Record Trigger	The event that caused your DVR to start recording. For a list of record triggers, see page 35.
Video End	The date and time at which this video stopped recording. Displays in mm/dd/yyyy hh:mm format.
Available Actions	
Action	Description
New Search	Return to the Search Video page and clear the search form.
Export	Select videos to download and/or burn to DVD. For more information, see chapter 3, DVDs, and/or “Downloading Video Files to Your PC” on page 91.
Back to Video	Display the Video Details of the last video you viewed or played, if applicable. If you have not viewed or played a video since you logged on, this action will not display.

Displaying a Video

This section describes how to view the Details page for a selected video. Typically, you have access to *your* videos and any *public* videos. If you have the *Edit All Data* and/or *Edit Private Data* permissions, you will have access to other videos as well.


For instructions on displaying a *BodyVISION* or *BWX-100* snapshot file, see “Displaying a Snapshot” on page 47 instead.

- 1 Perform a basic or advanced search, as described in “Searching for Videos” on page 18. The Video Search Results page displays.

VIDEO SEARCH RESULTS


 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)


Home Menu		Videos							
Home		Page 1 of 3 (17 total records)							
Search Video		Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
Media Reader				*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	19 min	00-Unclassified-90 Days	03/08/2016 16:54	
User Help				*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 16:32	
Bookmarks				*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 16:10	
L3 MVI				*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 15:48	
Online Support				*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 15:25	
User Preferences				*1 ON ONFB3@21:03:10	*1 UN FB3@21:11:10	3 min	00-Unclassified-90 Days	01/15/2016 15:10	
Administration									
Action									
New Search									
Export									

-  2 Click the Details icon to the left of the video you wish to view. The Video Details page displays.

This section only displays for longer videos that the system has subdivided into two or more files

VIDEO DETAILS

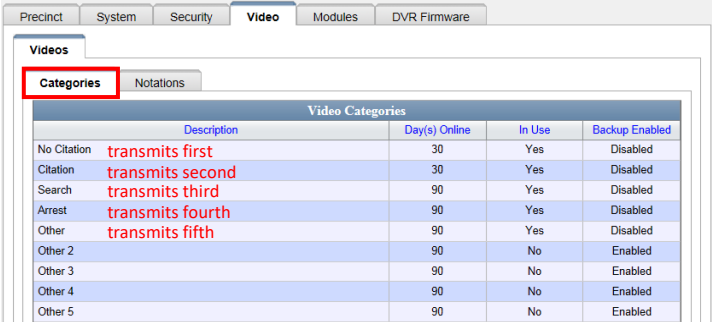
 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu		Status: Online		Video Logs	Group Detail	UMD
Home				System ID: <input type="text" value="28"/>	Incident #: <input type="text"/>	
Search Video				Owner: <input type="text" value="ON FBHD"/>	Ingest Date: <input type="text" value="10/26/2016 11:49"/>	
Media Reader				DVR Officer Name: <input type="text" value="ON FBHD"/>	Record Trigger: <input type="text" value="Lights"/>	
User Help				DVR Name: <input type="text" value="FBHD"/>	Video Start: <input type="text" value="03/08/2016 16:54"/>	
Bookmarks				DVR Type: <input type="text" value="Vehicle"/>	Video End: <input type="text" value="03/08/2016 17:14"/>	
L3 MVI				Category: <input type="text" value="No Citation"/>	Duration (minutes): <input type="text" value="19"/>	
Online Support					Purge Date: <input type="text"/>	
User Preferences					Maximum Speed: <input type="text" value="44"/>	
Administration					Video Notation(s): <input type="text"/>	
Action				Video Group Information		
Play		Video Start: <input type="text" value="03/08/2016 15:25"/>	Video End: <input type="text" value="03/08/2016 17:14"/>			
Google Earth		Duration (minutes): <input type="text" value="107"/>	Total Number Videos: <input type="text" value="5"/>			
Edit						
Tag Video						
Export						
Chain of Custody						
Previous Results						

The information on the Video Details page is described in the table on the next page.

(Continued)

Status Tab	
Field	Description
System ID	The unique identification number that the system assigned to this video.
Owner	<p>The name of the officer who owns this video. By default, the owner of a video file is the officer who was logged into the DVR unit during the recording. If an owner name starts with *1, it indicates that it was auto-created by the system. There are two scenarios in which the system will auto-create an owner:</p> <ol style="list-style-type: none"> 1. An officer logs into a DVR using a User ID that does not reside on the server PC. After transmission occurs, the system recognizes that the User ID does not match any existing records in the database, and so it creates a new owner name using the following naming convention: *1[DVR login name]@[date/time]. This name will display in the video's <i>Owner</i> field. Note: When officers login to Flashback DVRs using a DVR Login Key, it eliminates the possibility of typos, thus reducing the number of *1 owners that are auto-created by the system. 2. The Record feature on the DVR is activated when no officer is logged into or assigned to the DVR. In this instance, the system will assign a default owner of: *1 No Name@ [time at which default officer name was created] to any videos that were recorded during that session. <p>If necessary, you can reassign a *1 video to its proper owner, as described in "Reassigning Video to a Different Officer" on page 117.</p>
DVR Officer Name	The name of the officer who was logged into or assigned to the DVR at the time this video was recorded. This person may or may not be the same as the video <i>Owner</i> . If no one was logged into or assigned to the DVR at the time of the recording, the system will assign a default DVR Officer Name of *1 No name@[time at which default officer name was created] .
DVR Name	<p>The name of the DVR unit that recorded this video. Flashback DVRs are typically associated with a vehicle, such as a police cruiser (e.g., unit 146). If your agency is using the <i>Interview Room</i> module, a Flashback DVR may also be associated with an interview room.</p> <p>If the DVR is a <i>Flashback</i>, Vehicle or Interview Room will display here. If the DVR is a <i>VIEVU</i>, VieVu will display. If the DVR is a <i>BodyVISION</i> or <i>BWX-100</i>, Body Worn will display. <i>(Continued)</i></p>

Status Tab (cont'd)																																																								
Field	Description																																																							
DVR Name (cont'd)	<p>If the DVR is <i>newly discovered</i> * and has a name that is identical to an existing DVR on the server PC, the system will give the newly discovered DVR a suffix of @[DVR serial number]. When you see this naming convention, it means that there is a potential conflict between a new and existing DVR record. To resolve such a conflict, see “Resolving Naming Conflicts” in chapter 5.</p> <p>Some DVR records are entered by your SIS or System Administrator (typical), and some are created automatically by the system.</p>																																																							
DVR Type	<p>The type of DVR that captured this video:</p> <ul style="list-style-type: none"> ▪ <i>Vehicle</i>. A Flashback DVR that is installed inside a vehicle, such as a police cruiser. ▪ <i>Interview Room</i>. A Flashback DVR that is installed inside a precinct interview room. This type of DVR is used in conjunction with the optional <i>Interview Room</i> module. ▪ <i>Body Worn</i>. A <i>BodyVISION</i> or <i>BWX-100</i> Body Worn camera. ▪ <i>VieVu</i>. A <i>VIEVU</i> Body Worn camera. 																																																							
Category	<p>The category assigned to this video. A Flashback video’s category determines the order in which it transmits to the server PC. Flashback videos will transmit in the order in which they are listed on the Categories tab.</p>  <table border="1"> <thead> <tr> <th colspan="5">Video Categories</th> </tr> <tr> <th>Description</th> <th>Day(s) Online</th> <th>In Use</th> <th>Backup Enabled</th> <th></th> </tr> </thead> <tbody> <tr> <td>No Citation</td> <td>30</td> <td>Yes</td> <td>Disabled</td> <td>transmits first</td> </tr> <tr> <td>Citation</td> <td>30</td> <td>Yes</td> <td>Disabled</td> <td>transmits second</td> </tr> <tr> <td>Search</td> <td>90</td> <td>Yes</td> <td>Disabled</td> <td>transmits third</td> </tr> <tr> <td>Arrest</td> <td>90</td> <td>Yes</td> <td>Disabled</td> <td>transmits fourth</td> </tr> <tr> <td>Other</td> <td>90</td> <td>Yes</td> <td>Disabled</td> <td>transmits fifth</td> </tr> <tr> <td>Other 2</td> <td>90</td> <td>No</td> <td>Enabled</td> <td></td> </tr> <tr> <td>Other 3</td> <td>90</td> <td>No</td> <td>Enabled</td> <td></td> </tr> <tr> <td>Other 4</td> <td>90</td> <td>No</td> <td>Enabled</td> <td></td> </tr> <tr> <td>Other 5</td> <td>90</td> <td>No</td> <td>Enabled</td> <td></td> </tr> </tbody> </table> <p>A video’s category also determines its <i>online life</i>. You can assign a number of online days to each category, as described in “Maintaining Video Categories” on page 152. If an option called <i>Strict Purger</i> is selected, then after a video reaches its category’s predetermined age, the system will automatically purge that file from DEV. If the <i>Strict Purger</i> (Continued)</p>	Video Categories					Description	Day(s) Online	In Use	Backup Enabled		No Citation	30	Yes	Disabled	transmits first	Citation	30	Yes	Disabled	transmits second	Search	90	Yes	Disabled	transmits third	Arrest	90	Yes	Disabled	transmits fourth	Other	90	Yes	Disabled	transmits fifth	Other 2	90	No	Enabled		Other 3	90	No	Enabled		Other 4	90	No	Enabled		Other 5	90	No	Enabled	
Video Categories																																																								
Description	Day(s) Online	In Use	Backup Enabled																																																					
No Citation	30	Yes	Disabled	transmits first																																																				
Citation	30	Yes	Disabled	transmits second																																																				
Search	90	Yes	Disabled	transmits third																																																				
Arrest	90	Yes	Disabled	transmits fourth																																																				
Other	90	Yes	Disabled	transmits fifth																																																				
Other 2	90	No	Enabled																																																					
Other 3	90	No	Enabled																																																					
Other 4	90	No	Enabled																																																					
Other 5	90	No	Enabled																																																					

* A DVR that has been in communication with the server PC for the first time

Status Tab (cont'd)	
Field	Description
Category (cont'd)	<p>option is <i>not</i> selected, the system will purge a video from DEV after two conditions are met: 1) the video reaches its category's predetermined age, and 2) the server PC needs the extra disk space to store other, higher priority data.</p> <p>Most Flashback categories are assigned by the officer immediately after a video is done recording. However, you can also assign categories back at the precinct after you've logged onto the server PC, as described in "Changing a Video's Category" on page 64. The default video categories that you can assign to a video are: <i>No Citation, Citation, Search, Arrest, Other 1 – 5</i>. You have the option of customizing these default category names to meet your agency's needs, as described in "Maintaining Video Categories" on page 152.</p> <p>The following categories are assigned automatically by the system:</p> <ul style="list-style-type: none"> ▪ <i>Interrupted Recording</i>. A recording session was interrupted because the SD card (Flashback3/FlashbackHD) or CF card (Flashback1/ Flashback2) was full. When Background Mode is ON, it means that the Flashback DVR records continuously whenever the vehicle's ignition is on, and for X* number of minutes after the ignition is turned off. ▪ <i>Background Mode</i>. A Flashback recording session occurred when the Background Mode option was set to ON. ▪ <i>Power Failure</i>. A Flashback recording session was interrupted after a power failure occurred. ▪ <i>Firmware Upgrade</i>. An officer requested a Flashback DVR firmware upgrade in the middle of a recording session (unlikely scenario). ▪ <i>Card Format</i>. An officer began formatting the DVR's SD card (Flashback3/FlashbackHD) or CF card (Flashback2) in the middle of a recording session (unlikely scenario). ▪ <i>Corrupt QBX</i>. The system detected a possible file corruption in a Flashback2, Flashback3, or FlashbackHD video (unlikely scenario). ▪ <i>Crash Battery Died</i>. The CrashBat battery failed during a Flashback recording session. The CrashBat is an optional piece of hardware used to trigger the RECORD function after a car crash occurs. <p>(Continued)</p>

* Where X = the Ignition Timer setting. For more information, see "Programming the Ignition Timer" in your Flashback User's Guide.

Status Tab (cont'd)	
Field	Description
Category (cont'd)	<ul style="list-style-type: none"> ▪ <i>Aggressive Driving</i>. The optional “Aggressive Driving” add-on detected aggressive driving in the officer’s vehicle during a Flashback recording session. The Aggressive Driving module includes both a hardware and firmware component. If you are interested in purchasing the Aggressive Driving module, please contact Mobile-Vision Sales at 800-336-8475. ▪ <i>VieVu</i>. The video was captured using a VIEVU Body Worn camera. ▪ <i>Body Worn</i>. The video was captured using a <i>Body-VISION</i> or BWX-100 Body Worn camera. ▪ <i>Interview</i>. The Flashback video was captured using the optional Interview Room module, which is used to record interviews at your precinct. ▪ <i>Unknown</i>. A Flashback recording session was interrupted after an unrecognized event occurred, that is, an event that did not fall into any of the other system-assigned categories. ▪ <i>Non Playable</i>. A problem occurred during the recording process <i>or</i> video ingestion process that rendered the video unplayable. ▪ <i>Purged</i>. The system re-characterized a video as “restorable” after it reached the end of its online lifecycle. This occurs when the <i>Enable Re-categorization of Media on Delete</i> checkbox on the Life-Cycle tab is selected. <p>Note: System-assigned categories cannot be changed.</p>
Incident #	The agency incident number associated with this video, if applicable.
Ingest Date	The date and time at which this video file was transmitted to the server PC from the DVR unit. Displays in mm/dd/yyyy hh:mm format.
Record Trigger	<p>The event that caused your Flashback DVR to start recording. Record triggers include:</p> <ul style="list-style-type: none"> ▪ <i>Auxiliary 1</i>. The CrashBat crash detector or other device detected an event, such as a vehicle crash. Automatic trigger. ▪ <i>Auxiliary 2</i>. A secondary device registered an event, such the opening of a vehicle door. Automatic trigger. ▪ <i>Lights</i>. An officer turned the vehicle’s emergency lights on. Automatic trigger. ▪ <i>Microphone 1</i>. An officer activated the <i>Record</i> switch on the wireless mic that’s plugged into the Flashback’s VLP 1 port. Manual trigger. <p>(Continued)</p>

Status Tab (cont'd)	
Field	Description
Record Trigger (cont'd)	<ul style="list-style-type: none"> ▪ <i>Microphone 2.</i> An officer activated the Record switch on the wireless mic that's plugged into the Flashback's VLP 2 port. Manual trigger. ▪ <i>Record button.</i> An officer pressed the R button on the Flashback monitor, DVR, or Vehicle Viewer screen. Manual trigger. ▪ <i>Siren.</i> An officer turned the vehicle's siren on. Automatic trigger. ▪ <i>Speed.</i> The vehicle reached a pre-defined rate of speed. You set the rate of speed through the DVR menu, as described in "Turning the Speed Trigger On/Off" in your Flashback User's Guide.
Video Start	The date and time at which the DVR began recording this video. Displays in mm/dd/yyyy hh:mm format.
Video End	The date and time at which the DVR stopped recording this video. Displays in mm/dd/yyyy hh:mm format.
Duration (minutes)	The length of this video, rounded down to the nearest minute. If the word "Image" displays in this field, it indicates that this record is a <i>BodyVISION</i> snapshot.
Purge Date	The date on which the video is scheduled to be removed (i.e., purged) from the DEV server PC.
Maximum Speed	The highest vehicle speed that was reached during this FB recording. If you do not have the <i>Display MAX Speed</i> permission, this field will not display. If the video was recorded by a Body Worn camera, this field will not display.
Video Notation(s)	The name of any video notations that are assigned to this video. Video notations are agency-defined checkboxes used to categorize videos.
Video Group Information*	
Video Start	The date and time at which the DVR began recording the <i>first</i> video in this group. Displays in mm/dd/yyyy hh:mm format.
Video End	The date and time at which the DVR stopped recording the <i>last</i> video in this group. Displays in mm/dd/yyyy hh:mm format.
Duration (minutes)	The length of this group, in minutes (i.e., the sum of minutes for all the videos in the group).
Total Number Videos	The total number of video files in this group.

* This section only displays if the video is part of a Video Group.

Available Actions	
Action	Description
Play	Play the video. For more information, see “Playing a Video” on page 52.
Google Earth	If you have the Google Earth application installed on your PC, this option will display an aerial view of a video’s route and its Trace Points, if applicable. If you do <i>not</i> have Google Earth installed on your PC, this action will not display. For more information, see “Viewing a Video in Google Earth” on page 41.
Edit	Change the category, user metadata, and/or video notations associated with this video. For more information, see “Changing a Video’s Category” on page 64, “Adding Predefined User Metadata to a Media File” on page 65, and/or “Adding Predefined Video Notations to a Media File” on page 66.
Tag Video/ Untag Video	Tag: Add extra days to the video’s on-line life. The specific number of days depends on your system settings. For more information, see “Tagging a Video” on page 68. Untag: Remove the “tagged” flag from a video. For more information, see “Untagging a Video” on page 69.
Export	Select videos to download and/or burn to DVD. For more information, see chapter 3 and/or “Downloading Video Files to Your PC” on page 91.
Request Activation (Offline videos only)	Submit a request to restore this video from a backup disc or external backup device to the server PC. After you click this option, your request will display on the <i>Inbox Messages</i> list of all users who have reactivation privileges. For more information, see “Submitting a Request to Reactivate a Video” in chapter 2 of the <i>DEV Officer’s Guide</i> .
Available Actions	
Action	Description
Reactivate Now (Offline videos only)	Restore this video from a backup disc or external backup device to the server PC. For more information, see “Reactivating an Offline Video” on page 72. This action will only display if you have the <i>Reactivate Video</i> permission.
Chain of Custody	Generate a Chain of Custody report for this video. For more information, see “Generating a Chain of Custody Report for a Media File” on page 70.

(Continued)

Available Actions (cont'd)	
Action	Description
Previous Results	Return to the previous Video Search Results page.
Back to Video	Return to the last video that you viewed. If you have not viewed a video since you logged on, this action will not display.

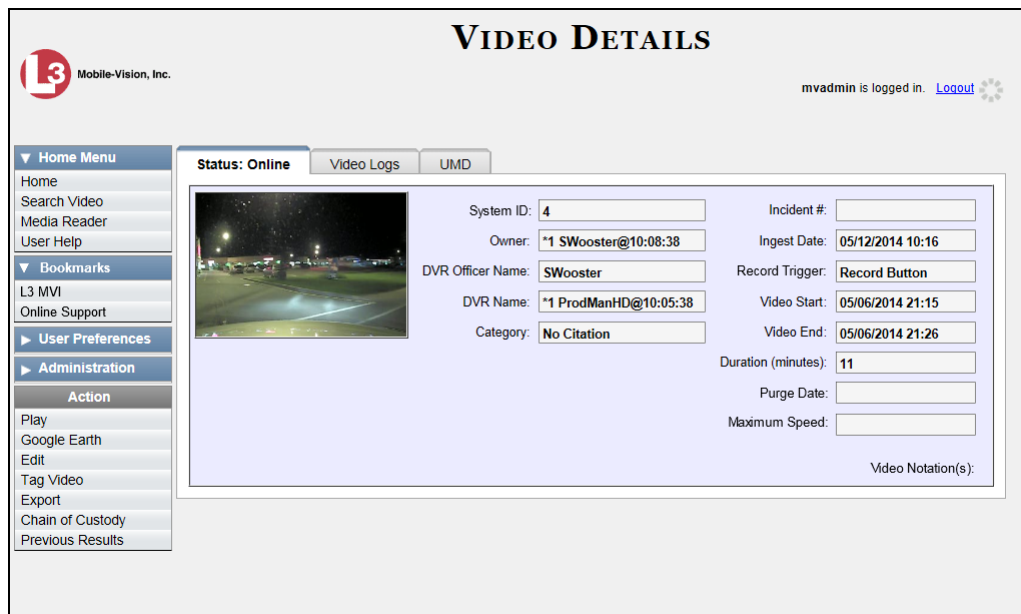
To view other information associated with this video, proceed to the appropriate section:

- Viewing a Video’s Logs, page 115, beginning with step 2
- Viewing a Video’s User Metadata, below, beginning with step 2
- Viewing a Video’s Group Information, page 39, beginning with step 2
- Viewing a Video in Google Earth, page 41, beginning with step 2
- Viewing a Video’s Snapshots (Body Worn cameras only), page 117.

Viewing a Video’s User Metadata

This section describes how to view the user metadata (UMD) that is saved as part of a video or snapshot’s record. UMD refers to custom data fields that are used to notate a video or snapshot. For instructions on adding/updating UMD fields, see “Maintaining User Metadata” on page 128.

- 1 Search for and display the video you wish to view. (If necessary, review “Displaying a Video” on page 30.) The Video Details page displays.



VIDEO DETAILS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

► Administration

Action

Play
Google Earth
Edit
Tag Video
Export
Chain of Custody
Previous Results

Status: Online | Video Logs | UMD

System ID: Incident #:

Owner: Ingest Date:

DVR Officer Name: Record Trigger:

DVR Name: Video Start:

Category: Video End:

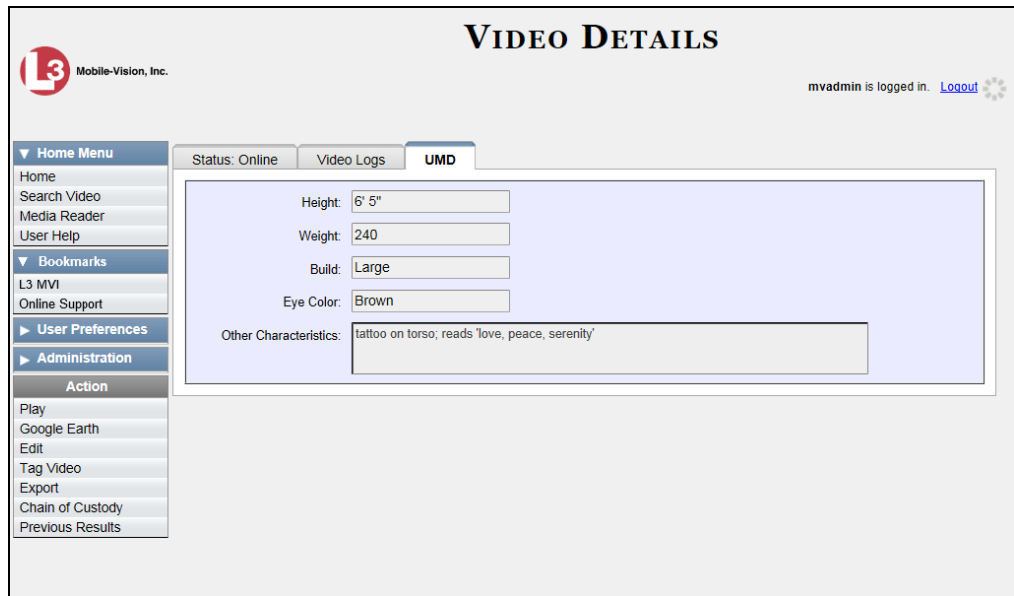
Duration (minutes):

Purge Date:

Maximum Speed:

Video Notation(s):

- 2 Click the **UMD** tab. The UMD form displays.



VIDEO DETAILS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

► Administration

Action
Play
Google Earth
Edit
Tag Video
Export
Chain of Custody
Previous Results

Status: Online Video Logs **UMD**

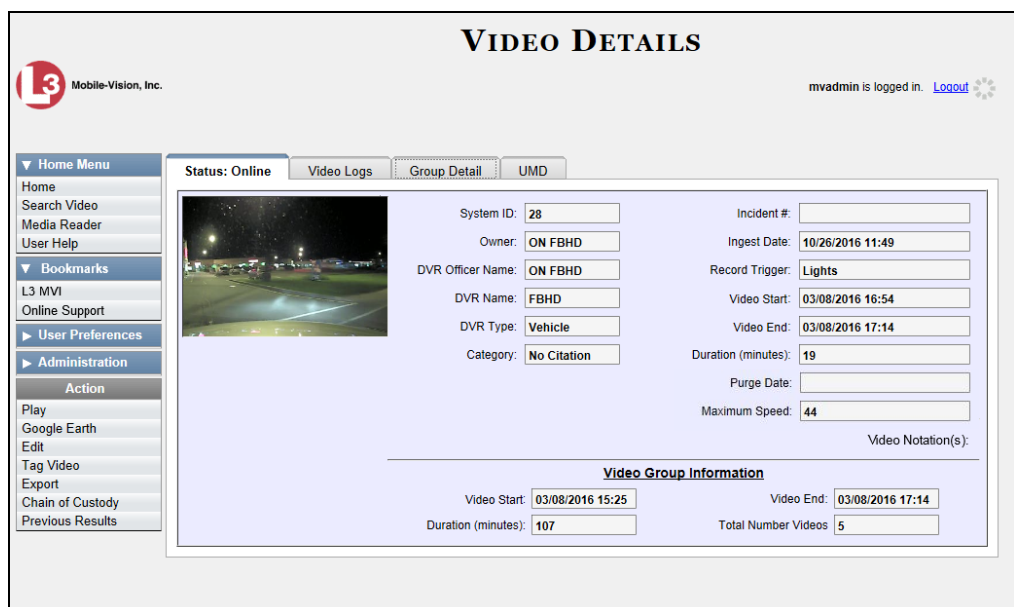
Height: 6' 5"
Weight: 240
Build: Large
Eye Color: Brown
Other Characteristics: tattoo on torso; reads 'love, peace, serenity'

Because this data is custom-defined by your agency, your screen view may differ from the example above.

Viewing a Video's Group Information

For burning purposes, Flashback videos cannot be any larger than one gigabyte in size. If an original video is too big, the system will automatically subdivide it into multiple video files. If you see a **Group Detail** tab on the Video Details page, it indicates that the system divided your original video file into two or more files.

- 1 Search for and display the video you wish to view. (If necessary, review “Displaying a Video” on page 30.)



VIDEO DETAILS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help


▼ Bookmarks
L3 MVI
Online Support

► User Preferences

► Administration

Action
Play
Google Earth
Edit
Tag Video
Export
Chain of Custody
Previous Results

Status: Online Video Logs **Group Detail** UMD

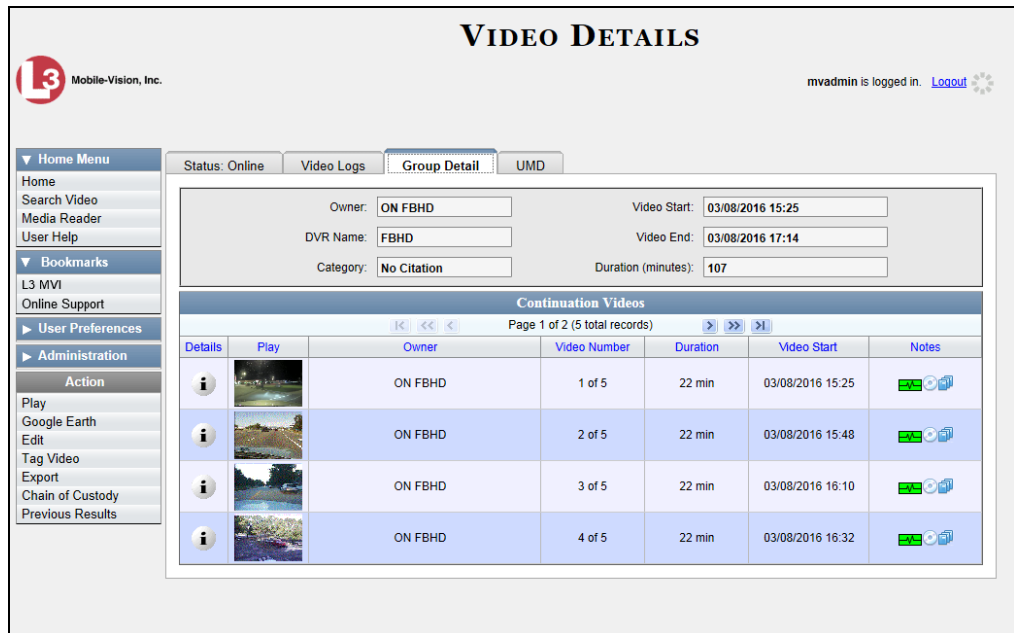


System ID: 28 Incident #:
Owner: ON FBHD Ingest Date: 10/26/2016 11:49
DVR Officer Name: ON FBHD Record Trigger: Lights
DVR Name: FBHD Video Start: 03/08/2016 16:54
DVR Type: Vehicle Video End: 03/08/2016 17:14
Category: No Citation Duration (minutes): 19
Purge Date:
Maximum Speed: 44
Video Notation(s):

Video Group Information

Video Start: 03/08/2016 15:25 Video End: 03/08/2016 17:14
Duration (minutes): 107 Total Number Videos: 5

- 2 Click the **Group Detail** tab. Details for the Video Group display.



VIDEO DETAILS

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Status: Online | Video Logs | **Group Detail** | UMD

Owner: ON FBHD | Video Start: 03/08/2016 15:25
 DVR Name: FBHD | Video End: 03/08/2016 17:14
 Category: No Citation | Duration (minutes): 107

Continuation Videos

Page 1 of 2 (5 total records)

Details	Play	Owner	Video Number	Duration	Video Start	Notes
		ON FBHD	1 of 5	22 min	03/08/2016 15:25	
		ON FBHD	2 of 5	22 min	03/08/2016 15:48	
		ON FBHD	3 of 5	22 min	03/08/2016 16:10	
		ON FBHD	4 of 5	22 min	03/08/2016 16:32	

The components on this tab are described below.

Group Detail Tab	
Field	Description
Owner	The name of the officer who was logged into or assigned to the DVR that recorded the original full-length video. For more information, see <i>Owner</i> in the table on page 32.
DVR Name	The name of the DVR that recorded the original full-length video. For more on DVRs, see <i>DVR Name</i> in the table on page 32.
Category	The video category assigned to the original full-length video. For a description of this field's values, see <i>Category</i> in the table on page 33.
Video Start	The date and time at which the DVR began recording the original full-length video. Displays in mm/dd/yyyy hh:mm format.
Video End	The date and time at which the DVR stopped recording the original full-length video. Displays in mm/dd/yyyy hh:mm format.
Duration (minutes)	The length of the original video, in minutes. This is the sum of all minutes for all videos in the group.

Group Detail Tab (cont'd)	
Column	Description
Details	The Video Details icon. Used to display the Video Details page for this video segment.
Play	A thumbnail image of the video segment. Used to launch the Flashback Player and watch this video segment.
Owner	The name of the officer who owns this video. When the system divides the original video file into multiple files, it gives each file the same owner as the original file.
Video Number	The sequence of this video segment in the total group. For example, 2 of 6 means that this is the second video in a group of six.
Duration	The length of this video segment, in minutes.
Video Start	The date and time at which this segment of the video began recording. Displays in mm/dd/yyyy hh:mm format.
Notes	Status icons used to provide details on each video. When the system divides the original video file into multiple files, it gives each file the same status icons as the original. For a description of these icons, see page 29.

Viewing a Video in Google Earth


This section describes how to use the Google Earth application to display an aerial view of a video's route and its Trace Points, if applicable. To accomplish this, the system downloads GPS data into a KML file format that can be read by Google Earth.

You can download and install Google Earth from the internet by going to:
<http://www.google.com/earth/download/ge/agree.html>

- 1 Search for and display the video you wish to view in Google Earth. (If necessary, review "Displaying a Video" on page 30.)

The Video Details page displays.

(Continued)




Mobile-Vision, Inc.

VIDEO DETAILS

mvadmin is logged in. [Logout](#)

- ▼ Home Menu
 - Home
 - Search Video
 - Media Reader
 - User Help
- ▼ Bookmarks
 - L3 MVI
 - Online Support
- ▶ User Preferences
- ▶ Administration
 - Action**
 - Play
 - Google Earth
 - Edit
 - Tag Video
 - Export
 - Chain of Custody
 - Previous Results

Status: **Online**
Video Logs
UMD



System ID: <input type="text" value="4"/>	Incident #: <input type="text"/>
Owner: <input type="text" value="1 SWooster@10:08:38"/>	Ingest Date: <input type="text" value="05/12/2014 10:16"/>
DVR Officer Name: <input type="text" value="SWooster"/>	Record Trigger: <input type="button" value="Record Button"/>
DVR Name: <input type="text" value="1 ProdManHD@10:05:38"/>	Video Start: <input type="text" value="05/06/2014 21:15"/>
Category: <input type="text" value="No Citation"/>	Video End: <input type="text" value="05/06/2014 21:26"/>
Duration (minutes): <input type="text" value="11"/>	
Purge Date: <input type="text"/>	
Maximum Speed: <input type="text"/>	
Video Notation(s):	

2 Go to the **Action** column and click **Google Earth**.*

⇒ If a popup message displays, proceed to the next step.

⇒ If an aerial view of the video's route displays in red, skip to step 4.


3 Click **Open**. After a pause of a few seconds to a few minutes, an aerial view of the video's route displays in red.

* If Google Earth does not display, it means that you either lack the proper permissions to perform this task or you do not have the Google Earth application installed on your PC.

Page | 42

DEV Administrator's Guide
Safe Fleet Mobile-Vision • 7.30.2019

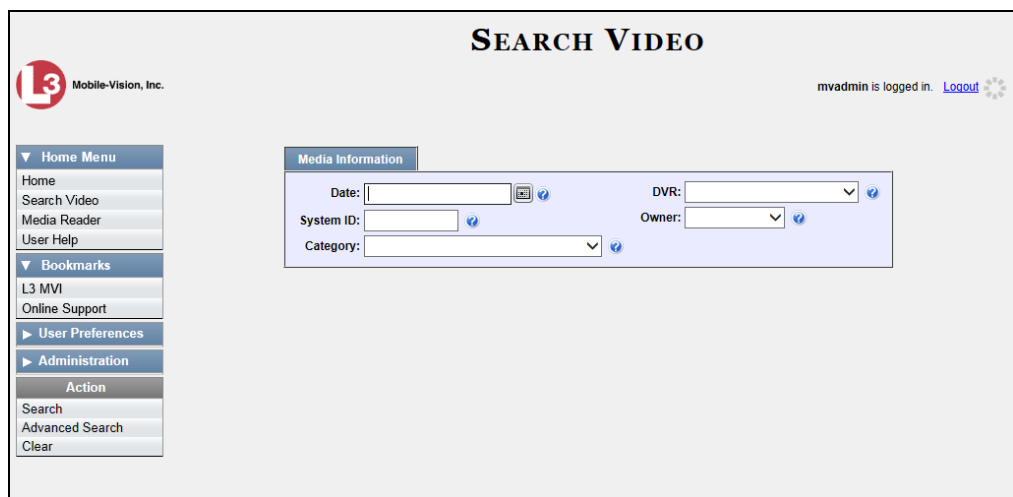
Note that the beginning and end of the video route are marked by a green and red thumbtack icon, respectively.


- 4 To reposition the map and/or zoom in or out, use the Google Earth controls provided. For information on other Google Earth functions and features, refer to the Google Earth documentation.
- 5 When you are ready to exit Google Earth, click the  in the upper right corner of the window, then click **Discard**.

Viewing a Video's Snapshots

This section describes how to view the snapshot files that are associated with a particular *BodyVISION* or *BWX-100* record. If you wish to view the Details page for an individual snapshot, see “Displaying a Snapshot” on page 47 instead.


- 1 Go to  and click **Search Video**. The Search Video page displays.



- 2 Go to the  column and click **Advanced Search**.

(Continued)

SEARCH VIDEO

 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

User Preferences

Administration

Action

- Search
- Basic Search
- Clear

Media Information

After Date: <input type="text"/>	Before Date: <input type="text"/>
DVR: <input type="text"/>	DVR Type: <input type="text"/>
System ID: <input type="text"/>	Owner: <input type="text"/>
Category: <input type="text"/>	Tagged: <input type="text"/>
Status: <input type="text"/>	Record Trigger: <input type="text"/>
Latitude: <input type="text"/>	Speed Greater Than: <input type="text"/>
Longitude: <input type="text"/>	UMD: <input type="text"/>
Incident #: <input type="text"/>	


- 3 Select **Body Worn** from the *DVR Type* drop-down list.
- 4 If desired, enter/select additional search criteria.
- 5 Go to the **Action** column and click **Search**. All Body Worn videos that match your selection criteria display on the Video Search Results page.

VIDEO SEARCH RESULTS

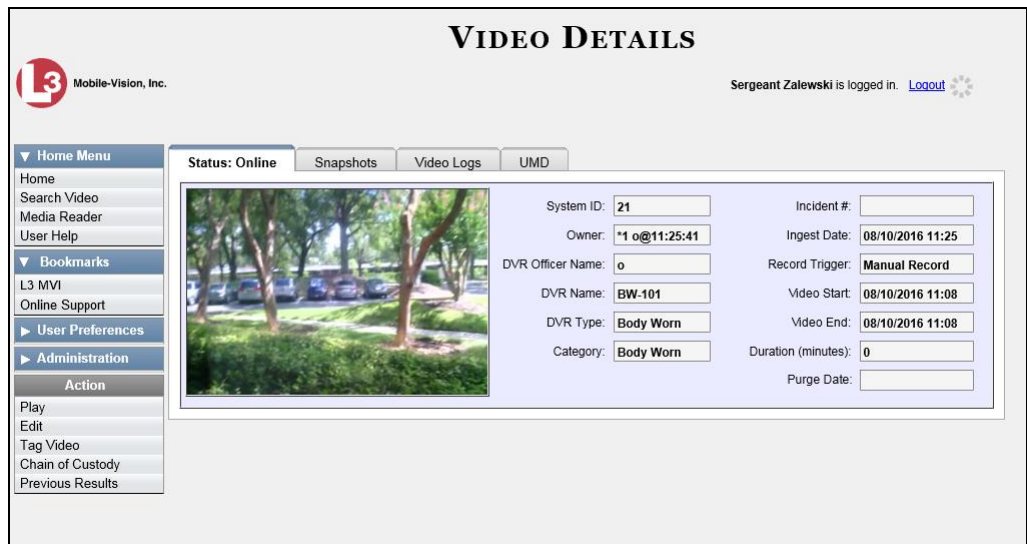
 Mobile-Vision, Inc. Sergeant Zalewski is logged in. [Logout](#)

Home Menu		Videos							
Home		Page 1 of 2 (9 total records)							
Search Video		Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
Media Reader				*1 o@11:25:41	BW-101	1 min	Body Worn	08/10/2016 11:09	 
User Help				*1 o@11:25:41	BW-101	0 min	Body Worn	08/10/2016 11:08	 
Bookmarks				*1 o@11:25:41	BW-101	0 min	Body Worn	08/10/2016 11:07	 
L3 MVI				Officer Baker	*1 MVI-Wooster@14:08:46	0 min	No Citation	08/09/2016 14:57	
Online Support				Officer Baker	*1 MVI-Wooster@14:08:46	1 min	Body Worn	06/16/2016 14:30	
User Preferences				Officer Baker	*1 MVI-Wooster@14:08:46	0 min	Body Worn	06/16/2016 14:29	
Administration									
Action									
New Search									



HINT: To determine if a Body Worn video includes any snapshots, look for the  image in the *Notes* column.

- 6 Click the Details icon to the left of the desired video. The Video Details page displays.



VIDEO DETAILS

Mobile-Vision, Inc. Sergeant Zalewski is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

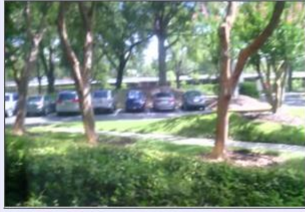
► User Preferences

► Administration

Action

Play
Edit
Tag Video
Chain of Custody
Previous Results

Status: **Online** | Snapshots | Video Logs | UMD



System ID: **21** | Incident #:

Owner: *1 o@11:25:41 | Ingest Date: **08/10/2016 11:25**

DVR Officer Name: **o** | Record Trigger: **Manual Record**

DVR Name: **BW-101** | Video Start: **08/10/2016 11:08**

DVR Type: **Body Worn** | Video End: **08/10/2016 11:08**

Category: **Body Worn** | Duration (minutes): **0**

Purge Date:

- 7 Click the **Snapshots** tab. The snapshot(s) that were captured during this video display.



VIDEO DETAILS

Mobile-Vision, Inc. Sergeant Zalewski is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

► Administration

Action

Play
Edit
Tag Video
Chain of Custody
Previous Results

Status: Online | **Snapshots** | Video Logs | UMD

Snapshots					
Page 1 of 1 (2 total records)					
Play	Owner	DVR Name	Category	Video Start ▼	Notes
	*1 o@11:25:41	BW-101	Body Worn	08/10/2016 11:08:42	
	*1 o@11:25:41	BW-101	Body Worn	08/10/2016 11:08:34	

The columns on the **Snapshots** tab are described in the table on the next page.

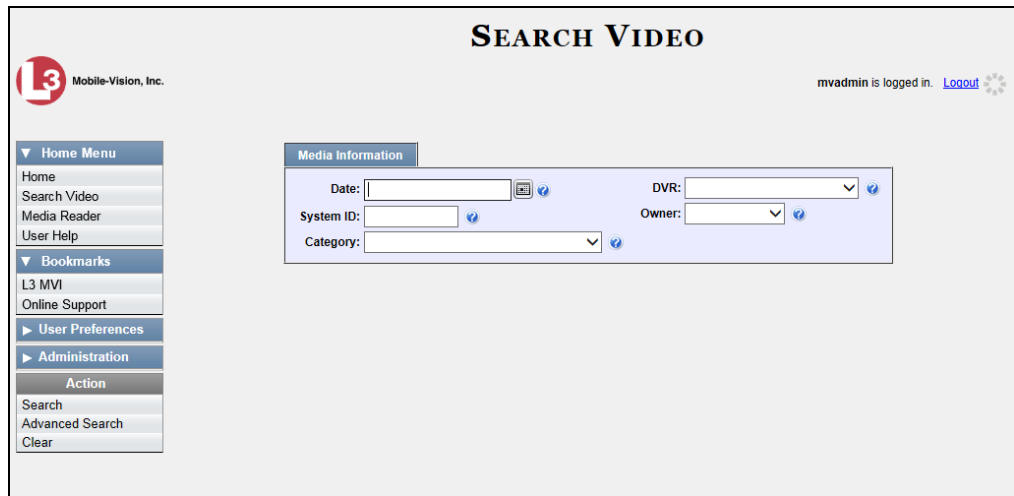
(Continued)

Snapshots Tab	
Column	Description
Play	Thumbnail image of the snapshot. When you click on this image, the system will display the image in a larger format.
Owner	The name of the officer who owns this snapshot. By default, this is the officer to whom the associated <i>BodyVISION</i> unit was assigned to at the time the snapshot was captured. For more information, see <i>Owner</i> in the table on page 32
DVR Name	The name of the <i>BodyVISION</i> unit that captured this snapshot. For more on DVRs, see <i>DVR Name</i> in the table on page 32.
Category	The video category that is assigned to this snapshot. The system automatically assigns all <i>BodyVISION</i> snapshots a category of <i>Body Worn</i> .
Video Start	The date and time at which the associated <i>BodyVISION</i> captured this snapshot image. Displays in mm/dd/yyyy hh:mm:ss format.
Notes	Status icons used to provide details on this snapshot. For a description of each icon, see page 29.

Displaying a Snapshot

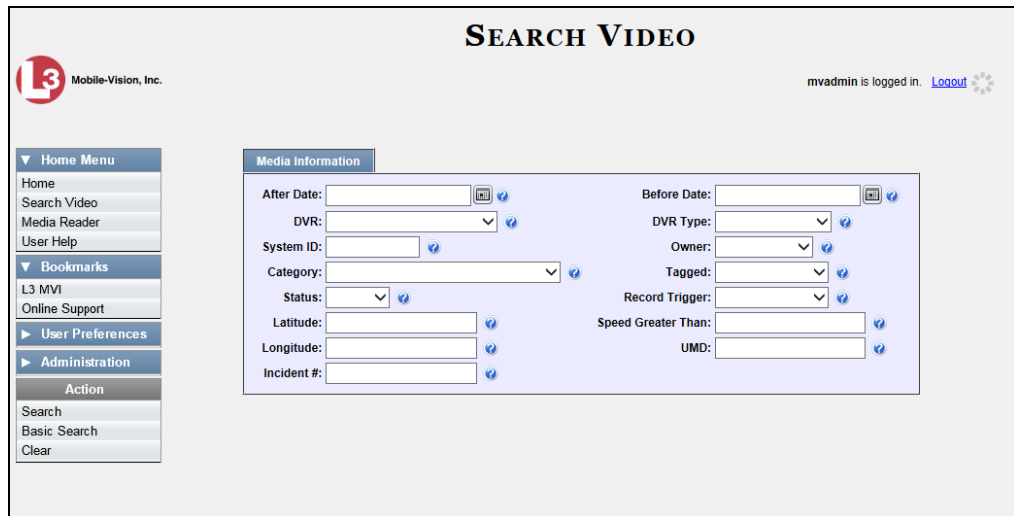
This section describes how to view the Details page for a *BodyVISION* or *BWX-100* still image, referred to as a *snapshot*.

- 1 Go to **Home Menu** and click **Search Video**. The Search Video page displays.



The screenshot shows the 'SEARCH VIDEO' interface. At the top left is the 'L3 Mobile-Vision, Inc.' logo. At the top right, it says 'mvadmin is logged in. Logout'. On the left is a navigation menu with sections: 'Home Menu' (Home, Search Video, Media Reader, User Help), 'Bookmarks' (L3 MVI, Online Support), 'User Preferences', 'Administration', and 'Action' (Search, Advanced Search, Clear). The main area has a 'Media Information' tab with a search form containing: 'Date:' (text input), 'DVR:' (dropdown), 'System ID:' (text input), 'Owner:' (dropdown), and 'Category:' (dropdown).

- 2 Go to the **Action** column and click **Advanced Search**.



The screenshot shows the 'SEARCH VIDEO' interface with the 'Action' menu expanded to show 'Search', 'Basic Search', and 'Clear'. The 'Media Information' tab search form is now expanded to include: 'After Date:' (text input), 'Before Date:' (text input), 'DVR:' (dropdown), 'DVR Type:' (dropdown), 'System ID:' (text input), 'Owner:' (dropdown), 'Category:' (dropdown), 'Tagged:' (dropdown), 'Status:' (dropdown), 'Record Trigger:' (dropdown), 'Latitude:' (text input), 'Speed Greater Than:' (text input), 'Longitude:' (text input), and 'UMD:' (text input). 'Incident #' is also present as a text input field.

- 3 Select **Body Worn** from the *DVR Type* drop-down list. The *Body Worn Mode* field displays.

(Continued)

- 4 Select **Snapshots Only** from the *Body Worn Mode* drop-down list.
- 5 If desired, enter/select additional search criteria.
- 6 Go to the **Action** column and click **Search**. All *BodyVISION* and/or *BWX-100* snapshot files that match your selection criteria display on the Video Search Results page.


BodyVISION and *BWX-100* snapshots display the word "Image" in this column

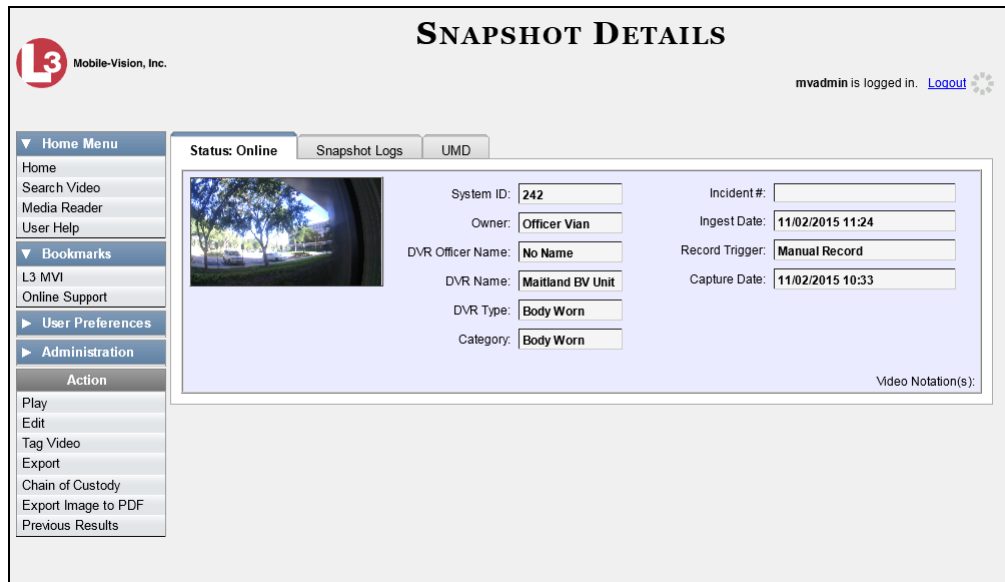
Videos							
Page 1 of 1 (5 total records)							
Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
		Sergeant Zalewski	BW-101	Image	Body Worn	08/10/2016 11:09	
		*1 o@11:25:41	BW-101	Image	Body Worn	08/10/2016 11:08	
		*1 o@11:25:41	BW-101	Image	Body Worn	08/10/2016 11:08	
		*1 o@11:25:41	BW-101	Image	Body Worn	08/10/2016 11:07	
		*1 o@11:25:41	BW-101	Image	Body Worn	08/10/2016 11:07	

- 7 If the snapshot you're looking for displays on this page, proceed to the next step.

– OR –

If the snapshot you're looking for does *not* display on this page, use the navigation arrows to scroll through the results list.

-  8 Click on the snapshot's Details icon. The Snapshot Details page displays.

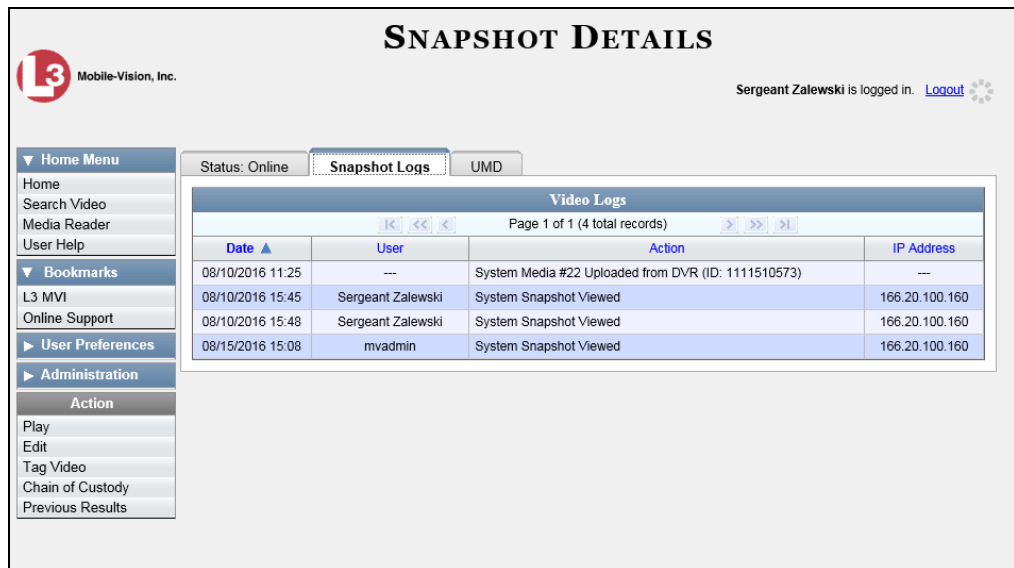


The fields on the Snapshot Details page are described below.

Snapshot Details	
Field	Description
System ID	The unique identification number that the system assigned to this snapshot.
Owner	The name of the officer who owns this snapshot. For more information, see <i>Owner</i> in the table on page 32.
DVR Officer Name	The name of the officer to whom the associated Body Worn device was assigned to at the time this snapshot was captured.
DVR Name	The name of the Body Worn device from which this snapshot was captured.
DVR Type	The type of DVR that captured this snapshot. Because snapshot images are captured from Body Worn cameras, the default value of the field will always be <i>Body Worn</i> .
Category	The video category that is assigned to this snapshot. The system assigns all <i>BodyVISION</i> and <i>BWX-100</i> snapshots a category of <i>Body Worn</i> .
Incident #	The agency incident number associated with this snapshot, if applicable.
Ingest Date	The date and time at which this snapshot was uploaded to the DEV server PC. Displays in mm/dd/yyyy hh:mm format.

Snapshot Details (cont'd)	
Field	Description
Record Trigger	The manner in which this Body Worn snapshot was captured. A snapshot image is captured by manually pressing the Body Worn camera's Snapshot/Tracepoint button. Therefore the value of this field will always be <i>Manual Record</i> .
Capture Date	The date and time at which this snapshot was captured from a Body Worn camera while a recording was in progress. Displays in mm/dd/yyyy hh:mm format.
Video Notation(s)	The name of any video notations that are assigned to this snapshot. Video notations are agency-defined checkboxes used to categorize video and snapshot files.
Actions	
Action	Description
Play	Display the snapshot image in a larger format
Edit	Change the category, user metadata, and/or video notations saved with this snapshot. For more information, see "Changing a Video's Category" on page 64, "Adding Predefined User Metadata to a Media File" on page 65, and/or "Adding Predefined Video Notations to a Media File" on page 66.
Tag Video/ Untag Video	Tag: Add extra days to the snapshot's online life. The specific number of days depends on your system settings. For more information, see "Tagging a Video" on page 68. Untag: Remove the "tagged" flag from a snapshot. For more information, see "Untagging a Video" on page 69
Export	Submit a request to burn this snapshot to DVD <i>or</i> download it to your PC as a JPG file. For more information, see chapter 3 and/or "Downloading Video Files to Your PC" on page 91. If you prefer to export a snapshot to a PDF file, select the Export Image to PDF option instead.
Chain of Custody	Generate a Chain of Custody report for this snapshot. For more information, see "Generating a Chain of Custody Report for a Media File" on page 70.
Export Image to PDF	Export this image to a PDF file. For more information, see "Exporting a Snapshot" on page 111. If you prefer to export a snapshot as a JPG file, select the Export option instead.
Previous Results	Return to the previous Video Search Results page.

- To view logs of all the activities performed on this snapshot, click the **Snapshot Logs** tab. Otherwise proceed to the next step.



SNAPSHOT DETAILS

Mobile-Vision, Inc. Sergeant Zalewski is logged in. [Logout](#)

Status: Online | **Snapshot Logs** | UMD

Video Logs
 Page 1 of 1 (4 total records)

Date ▲	User	Action	IP Address
08/10/2016 11:25	---	System Media #22 Uploaded from DVR (ID: 1111510573)	---
08/10/2016 15:45	Sergeant Zalewski	System Snapshot Viewed	166.20.100.160
08/10/2016 15:48	Sergeant Zalewski	System Snapshot Viewed	166.20.100.160
08/15/2016 15:08	mvadmin	System Snapshot Viewed	166.20.100.160

The columns on this tab are described on page 120.

- To view any user metadata associated with this snapshot, click the **UMD** tab.



SNAPSHOT DETAILS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Status: Online | Snapshot Logs | **UMD**

Height: 6' 5"
 Weight: 260
 Build: Large
 Eye color: Brown
 Hair: Brown, clean cut
 Distinguishing characteristics: tattoo on torso with text 'love, peace, serenity'










For more information on user metadata, see “Maintaining User Metadata” on page 128.

Playing a Video

This section describes how to play an online video, that is, a video that is currently stored on your agency's DEV server PC.

- 1 Search for the video you wish to play. (If necessary, review "Searching for Videos" on page 18.) The Video Search Results page displays.




VIDEO SEARCH RESULTS							
L3 Mobile-Vision, Inc.		mvadmin is logged in. Logout					
Videos							
Page 1 of 3 (17 total records)							
Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	19 min	00-Unclassified-90 Days	03/08/2016 16:54	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 16:32	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 16:10	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 15:48	
		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	22 min	00-Unclassified-90 Days	03/08/2016 15:25	
		*1 ONFB3@21:03:10	*1 FB3@21:11:10	3 min	00-Unclassified-90 Days	01/15/2016 15:10	


There are several ways to launch a video, as described below.

- 2 Go to the *Play* column and click on the video's thumbnail image.

– OR –

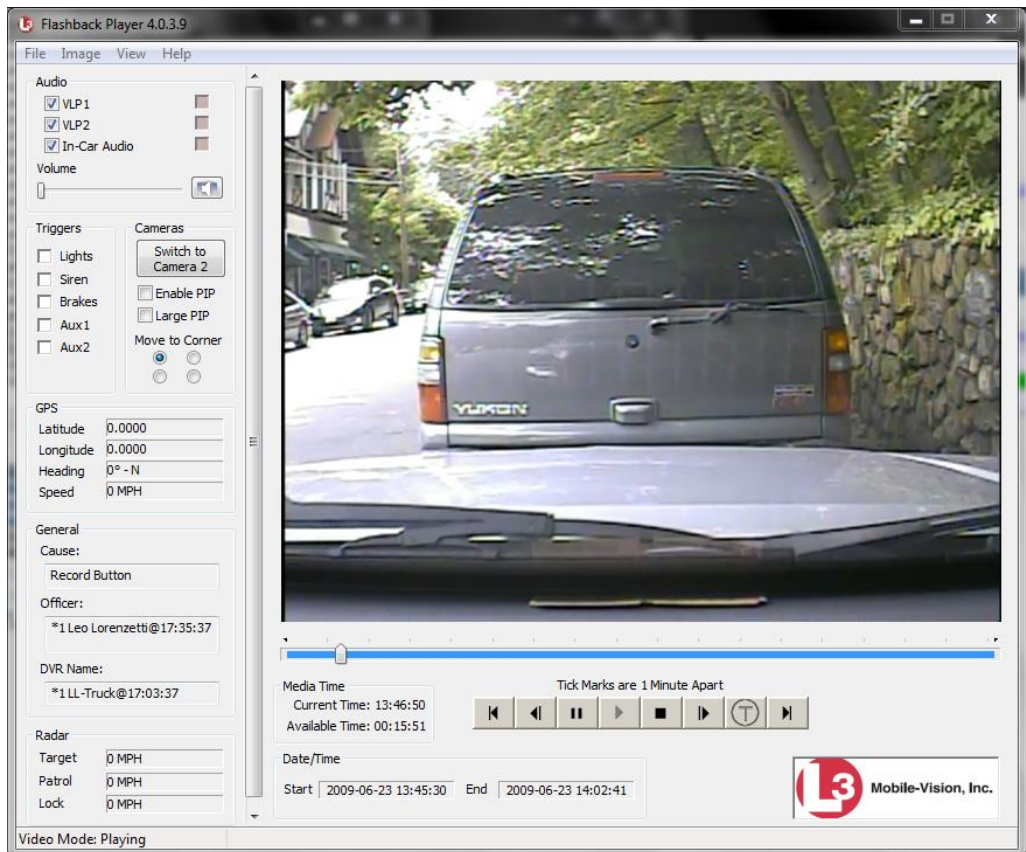
-  Click the Details icon to the left of the video, then click on the video's thumbnail image.

– OR –

-  Click the Details icon to the left of the video, then go to the **Action** column and click **Play**.


⇒ If the Flashback Player launches in a separate window (typical), proceed to the next step.

⇒ If a security popup displays, select the checkbox at the bottom of the popup, then click **Allow**. Next, select the checkbox at the bottom of the *second* popup, then click **Run**. The Flashback Player launches in a separate window.



- 3 Use the Flashback Player to play, pause, stop, rewind, change cameras, and/or move between tracepoints. You can also view important information captured by the DVR during the recording, such as the active video and audio feeds, brake activation, and record trigger.

The appearance and functionality of the Flashback Player will differ slightly depending on whether you are viewing an AVD file (Flashback1 only) or a QBX file (all other DVRs), as described in “Flashback1 Player” on page 58 and “Flashback2/3/HD/BV Player” on page 54.


- If the video does not launch automatically, click the  icon under the viewing window. Otherwise proceed to the next step.

View video on full screen

- To view the video in full-screen mode, press **Ctrl + F**. When you're ready to exit full-screen mode, press **Esc**.

– OR –

Display video on a Google map

To view the video's route on a Google map, press **Ctrl + M**. The *GPS Mapper* window displays. When you're finished viewing the map, click the  in the upper right corner of the GPS Mapper window to exit.


– OR –

Export a Video Frame





To save a selected video frame as a file, press **Ctrl + S**. The Snapshot popup displays. Select a file format and any other options, then click **OK**. For a more detailed description of this procedure, see "Exporting a Video Frame" on page 61.




- When you're finished viewing the video, select **File→Exit** from the menubar to close the Flashback Player.

– OR –

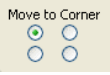
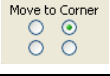

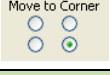
Click the  in the upper right corner of the Flashback Player.

Flashback2/3/HD/BV Player








Flashback2/3/HD/BV Player	
Audio	
VLP1	A checkbox used to mute (<input type="checkbox"/>) or un-mute (<input checked="" type="checkbox"/>) the audio from the wireless microphone that's connected to the Flashback's VLP 1 port.
VLP2	A checkbox used to mute (<input type="checkbox"/>) or un-mute (<input checked="" type="checkbox"/>) the audio from the wireless microphone that's connected to the Flashback's VLP 2 port.
In-Car Audio	A checkbox used to mute (<input type="checkbox"/>) or un-mute (<input checked="" type="checkbox"/>) the audio from the in-car microphone.
Volume	The volume control bar.
	<i>Audio On</i> indicator. To turn all audio <i>off</i> , click this button.
	<i>Audio Off</i> indicator. To turn all audio back <i>on</i> , click this button.
	<i>Audio Enabled</i> indicator. Indicates that the audio channel was enabled at the DVR.
	<i>Audio Disabled</i> indicator. Indicates that the audio channel was disabled at the DVR.

Flashback2/3/HD/BV Player	
Audio (cont'd)	
	<i>Audio Indeterminate</i> indicator. Indicates that the audio channel status at the DVR (enabled or disabled) is indeterminate.
Triggers	
As you watch a video, some of the boxes in the <i>Triggers</i> column may turn red, indicating when a particular trigger or triggers were engaged. A trigger is the event that causes a DVR to start recording. For example, if the <i>siren</i> is one of your triggers and the <i>Siren</i> box remains red for the first five minutes of the video, it indicates that the driver had his siren on during that 5-minute time period.	
Lights	This box turns red when the vehicle's emergency lights were on during the course of the video.
Siren	This box turns red when the vehicle's siren was on during the course of the video.
Brakes	If brakes are one of your "triggers" (see Note below), this box turns red when the vehicle's breaks were activated during the course of the video. Note: Brakes are technically a display option rather than a trigger.
Aux 1	If the Auxiliary 1 device is one of your triggers (actual device may vary), this box turns red whenever the device is triggered. For example, if your Auxiliary 1 device is the CrashBat2 crash detector, this box will turn red at the point in the video when the CrashBat2's G-force meter detected a crash. If the Auxiliary 1 device is <i>not</i> one of your triggers, this box will remain blank during the entire video regardless of whether the device was triggered or not.
Aux 2	If the Auxiliary 2 device is one of your triggers (actual device may vary), this box turns red whenever the device is triggered. If the Auxiliary 2 device is <i>not</i> one of your triggers, this box will remain blank during the entire video regardless of whether the device was triggered or not.
Cameras	
	A control button used to switch to the viewpoint of Camera Channel 2 , which includes the Backseat camera and/or Bullet camera(s).
	A control button used to switch to the viewpoint of Camera Channel 1 — typically the forward facing zoom camera.

(Continued)




Flashback2/3/HD/BV Player (cont'd)	
Cameras (cont'd)	
Enable PIP	A checkbox used to display (<input checked="" type="checkbox"/>) or hide (<input type="checkbox"/>) a “picture in picture” (PIP). A PIP is a small video display for video captured from the opposite Camera Channel.
Large PIP	A checkbox used to enlarge (<input checked="" type="checkbox"/>) or reduce (<input type="checkbox"/>) the size of the picture-in-picture (PIP) image.*
	Move the picture-in-picture (PIP) image to the upper left corner of the video display. See <i>Enable PIP</i> above.*
	Move the picture-in-picture (PIP) image to the upper right corner of the video display.*
	Move the picture-in-picture (PIP) image to the lower left corner of the video display.*
	Move the picture-in-picture (PIP) image to the lower right corner of the video display.*
GPS	
The GPS display indicates the exact speed and location of the vehicle during each segment of the video. The <i>Player Display Speed</i> permission is required to view the <i>Speed</i> field, and the <i>Player Display GPS</i> permission is required to view the <i>Latitude</i> , <i>Longitude</i> , and <i>Heading</i> fields.	
Latitude	The GPS latitude coordinate.
Longitude	The GPS longitude coordinate.
Speed	The vehicle’s speed, as determined by the GPS coordinates.
Heading	The direction in which the vehicle is moving.
General	
Cause	The trigger event that started the recording (lights, siren, etc.)
Officer	The name of the officer who was logged into the DVR at the time this video was recorded.
DVR Name	The name of the DVR that recorded this video.
Radar	
If your department is using the Radar interface module, the following fields will be populated.	
Target	The MPH or KPH reading that an officer obtained after the radar device was aimed at a speeding vehicle.

* See *Enable PIP* above

Flashback2/3/HD/BV Player (cont'd)	
Radar (cont'd)	
Patrol	The MPH or KPH reading of the officer's patrol car at the time a radar reading was obtained.
Lock	The minimum MPH or KPH reading that the officer was looking for when the radar device was aimed at a speeding vehicle.
Media Time	
Current Time	The time at which the video was recorded. This display changes constantly during playback to indicate the exact time of day that each video frame was recorded. Displays in hh:mm:ss format.
Available Time	The amount of time remaining on the video. Displays in hh:mm:ss format.
Date/Time	
Start	The date and time at which the video began recording. Displays in yyyy-mm-dd hh:mm:ss format.
End	The date and time at which the video stopped recording. Displays in yyyy-mm-dd hh:mm:ss format.
Play Controls	
	Go to beginning
	Pause/Unpause
	Play
	Stop
	Advance one frame at a time
	Advance to a Tracepoint. A tracepoint is a place-marker that an officer can add to a video while it's recording.
	Go to end











Flashback1 Player



Flashback1 Player	
Video	
Camera 1	A viewing window for Camera Channel 1—the Nite-Watch camera.
Camera 2	A viewing window for Camera Channel 2—the Backseat camera.
	<i>Audio On</i> indicator. To turn all audio <i>off</i> , click this button.
	<i>Audio Off</i> indicator. To turn all audio <i>on</i> , click this button.
	The volume control bar
Sound	
VLP1	A radio button used to select the audio track from the wireless microphone that's connected to the Flashback's VLP 1 port.
VLP2	A radio button used to select the audio track from the wireless microphone that's connected to the Flashback's VLP 2 port.
In-Car Audio	A radio button used to select the audio track from the in-car microphone.

Flashback1 Player (cont'd)	
External Inputs/Trigger	
Emergency Lights	This box turns red when the vehicle's emergency lights were on during the course of the video.
Siren	This box turns red when the vehicle's siren was on during the course of the video.
Brake	If brakes are one of your "triggers" (see Note below), this box turns red when the vehicle's brakes were activated during the course of the video. Note: Brakes are technically a display option rather than a trigger.
Auxiliary	If the <i>CrashBat</i> is one of your triggers, this box turns red at the point in the video when the CrashBat's G-force meter detected a crash. If the CrashBat crash detector is <i>not</i> one of your triggers, this checkbox will remain blank during the entire video regardless of whether there was a crash or not.
Auxiliary2	If the <i>radar detector</i> is one of your triggers, this box turns red when the vehicle's radar detector registered a pre-defined rate of speed during the course of the video. You program the rate of speed through the DVR menu. If the radar detector is <i>not</i> one of your triggers, this checkbox will remain blank during the entire video regardless of whether the speeder reached the predetermined rate of speed.
MPH/KPH	If <i>miles-per-hour</i> or <i>kilometers-per-hour</i> is one of your triggers, this box turns red when the police vehicle reached a pre-defined rate of speed during the course of the video. You set the rate of speed through the DVR menu. If MPH/KPH is <i>not</i> one of your triggers, this checkbox will remain blank during the entire video regardless of whether the vehicle reached the predetermined rate of speed.
GPS Data	The vehicle's exact speed and latitudinal/longitudinal coordinates during each segment of the video.
Officer Name	The name of the officer who was logged into the DVR at the time this video was recorded.
Car Number	The number of the patrol car in which this DVR was installed at the time of the recording.
Target	The MPH or KPH reading that an officer obtained after the radar device was aimed at a speeding vehicle.
Patrol	The MPH or KPH reading of the officer's patrol car at the time a radar reading was obtained.

(Continued)

Flashback1 Player (cont'd)	
External Inputs/Trigger (cont'd)	
Lock	The minimum MPH or KPH reading that an officer was looking for when the radar device was aimed at a speeding vehicle.
Play	
Camera 1	A viewing window for Camera Channel 1 —the Nite-Watch camera.
Playing Date Time	<ul style="list-style-type: none"> ▪ <i>Date</i>. The date on which the video was recorded. If the video was filmed during the course of two days (from 11:50 p.m. to 12:05 a.m., for example), the date display will update at the appropriate place in the video. Displays in mm.dd.yyyy format. ▪ <i>Time</i>. The video's time display. This indicator changes constantly during playback to indicate the exact time of day that each frame of the video was recorded. Displays in hh:mm:ss format.
File Size	The total size of this video file, in megabytes.
Length	The total play time for this video, in hh:mm:ss format.
	Go to beginning
	Fast rewind
	Go back one frame at a time
	Slow rewind
	Stop
	Play
	Advance one frame at a time
	Fast forward
	Go to end
	Advance to a Tracepoint. A tracepoint is a place-marker that an officer can add to a video while it's recording.

Exporting a Video Frame

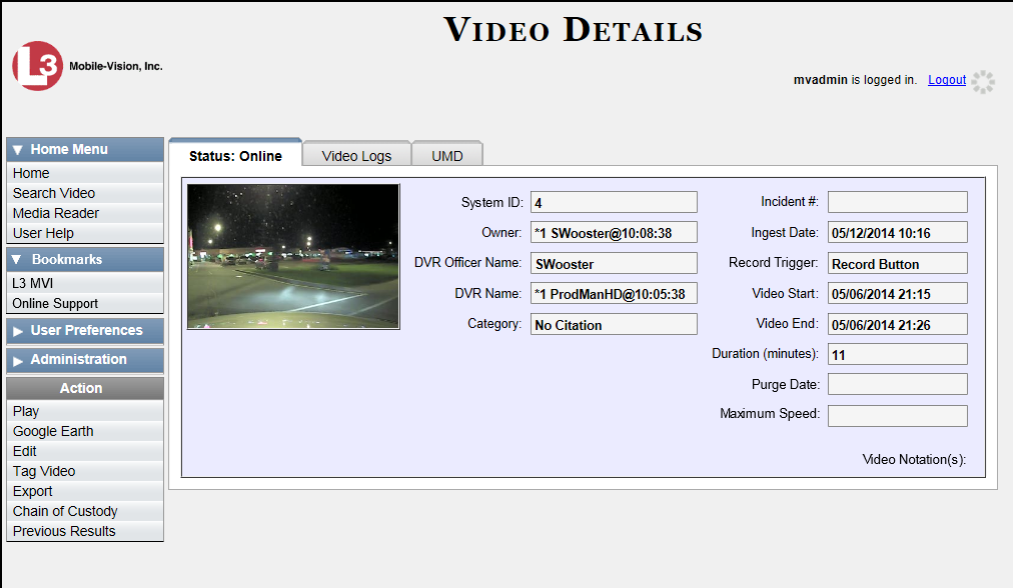
This section describes how to select a frame from a video that resides on the server PC and save it as a file. You may choose from one of the following file formats:

- JPEG
- GIF
- PNG
- TIF
- BMP

You have the option of attaching comments to the top or bottom of the frame.

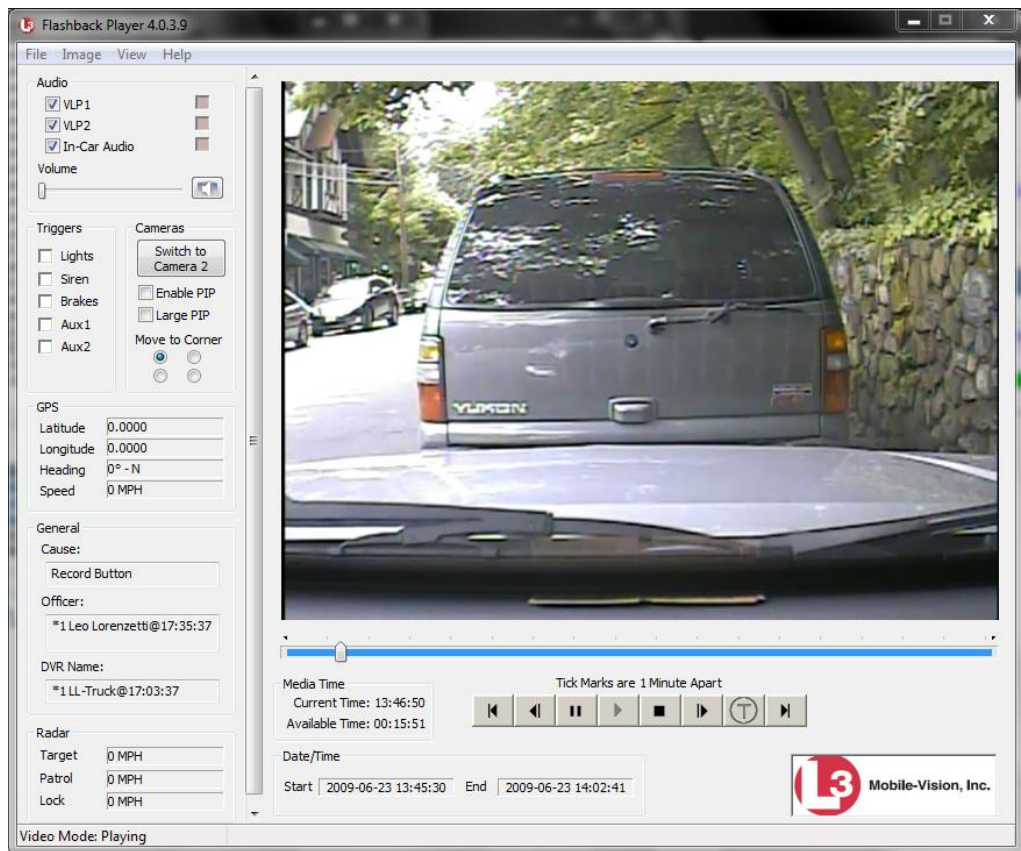
What's the difference between a 'snapshot' and a 'video frame'? *Snapshots* are still images that are captured from a *BodyVISION* or *BWX-100* camera while a recording is in progress. They upload to the server PC as separate files (that is, separate from the video from which they were captured). Snapshots are similar to videos in that they can be searched on, notated with video notations, assigned user metadata, and/or exported to DVD or other media. *Video frames* are also still images, but they are excerpted from a video *after* that video is already on the server PC. Unlike snapshots, video frames are not treated like videos in the system. They are stand-alone files that are separate and apart from DEV.

- 1 Search for and display the video from which you wish to export a frame. (If necessary, review "Displaying a Video" on page 30.) The Video Details page displays.

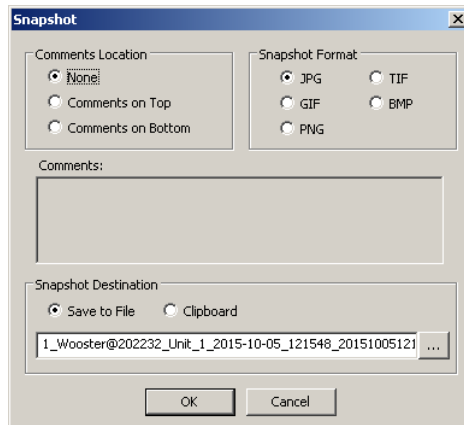


The screenshot shows the "VIDEO DETAILS" page. On the left is a navigation menu with sections: Home Menu (Home, Search Video, Media Reader, User Help), Bookmarks (L3 MVI, Online Support), User Preferences, and Administration (Action, Play, Google Earth, Edit, Tag Video, Export, Chain of Custody, Previous Results). The main content area has tabs for "Status: Online", "Video Logs", and "UMD". Below the tabs is a video thumbnail showing a night scene. To the right of the thumbnail are several input fields and buttons: System ID (4), Incident #, Owner (*1 SWooster@10:08:38), Ingest Date (05/12/2014 10:16), DVR Officer Name (SWooster), Record Trigger (Record Button), DVR Name (*1 ProdManHD@10:05:38), Video Start (05/06/2014 21:15), Category (No Citation), Video End (05/06/2014 21:26), Duration (minutes): 11, Purge Date, and Maximum Speed. A "Video Notation(s):" field is at the bottom right.

- 2 Click on the video's thumbnail image. The video begins playing in the Flashback Player, as pictured on the next page.

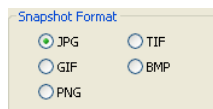


- 3 Using the navigation buttons, advance to the section of the video from which you wish to select a frame.
- 4 Once you reach the desired video segment, press **Ctrl + S**. The following popup displays.



- 5 To attach a comment to this frame, proceed to the next step. Otherwise skip to step 8.

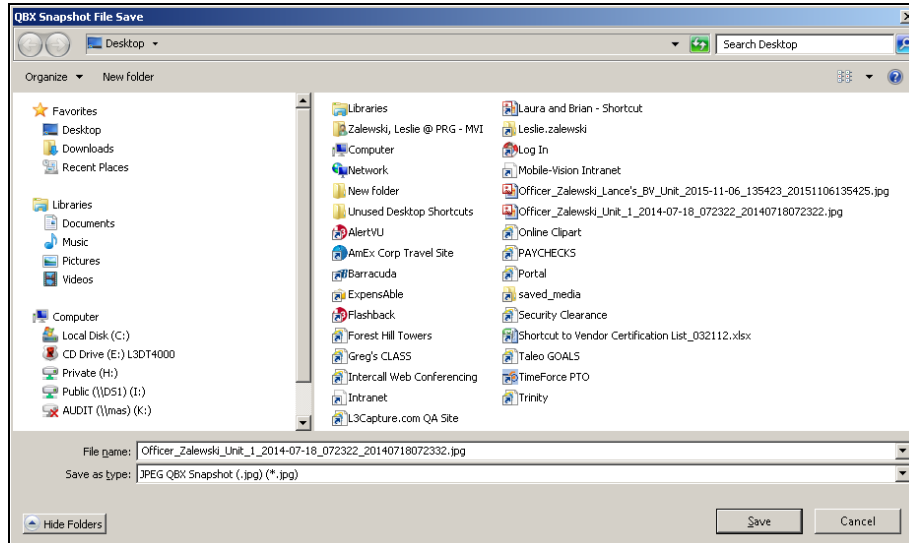
- 6 To attach a comment to the *top* of this frame, select the *Comments on Top* radio button.
– OR –
To attach a comment to the *bottom* of this frame, select the *Comments on Bottom* radio button.
- 7 Enter your comment in the *Comments* box provided.
- 8 To capture this frame as a JPG file (default), proceed to the next step. Otherwise select a different file format in the *Snapshot Format* box.



- 9 To save this frame to your *hard disk* (default), proceed to the next step.
– OR –
To save this frame to your PC's *clipboard*, select the *Clipboard* radio button. Next, skip to step 13.



- 10 Click on the ellipsis button. The QBX Snapshot File Save popup displays.



- 11 Navigate to the disk drive location where you wish to save this file.
- 12 To use the default file name, proceed to the next step. Otherwise enter a new file name in the *File name* field.

(Continued)

13 Click **Save**.

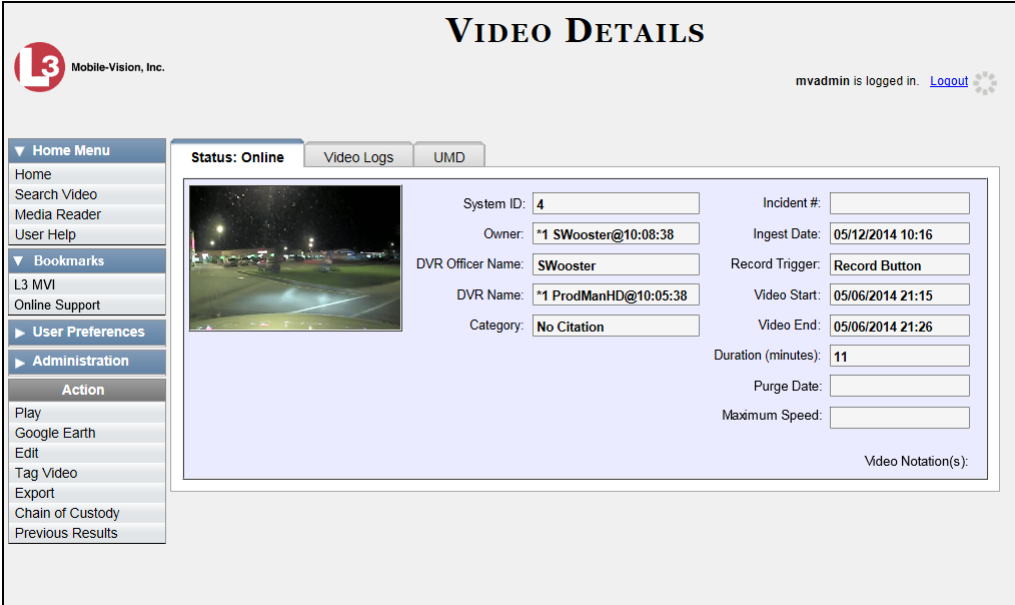
14 Click **Close**.

Changing a Video's Category

This section describes how to change a video's category. For more information on video categories, see *Category* in the table on page 33.

- 1 Search for and display the video you wish to update. (If necessary, review "Displaying a Video" on page 30.)

The Video Details page displays.



VIDEO DETAILS

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

User Preferences

Administration

Action

- Play
- Google Earth
- Edit
- Tag Video
- Export
- Chain of Custody
- Previous Results

Status: Online | Video Logs | UMD

System ID: 4 | **Incident #:**

Owner: *1 SWooster@10:08:38 | **Ingest Date:** 05/12/2014 10:16

DVR Officer Name: SWooster | **Record Trigger:** Record Button

DVR Name: *1 ProdManHD@10:05:38 | **Video Start:** 05/06/2014 21:15

Category: No Citation | **Video End:** 05/06/2014 21:26

Duration (minutes): 11

Purge Date:

Maximum Speed:


Video Notation(s):

For a description of the Video Details fields, see the table on page 32.

- 2 Go to the **Action** column and click **Edit**. The Edit Video popup displays.



Because this data is custom-defined by your agency, your screen view may differ from the example above.

-  **3** Select a new value from the *Category* drop-down list at the top of the form.
- 4** Click **Save**. The new value displays in the *Category* field on the Video Details page.

Adding Predefined User Metadata to a Media File

This section describes how to use predefined user metadata (UMD) to notate a video or Body Worn snapshot with custom data, such as a subject description. For instructions on adding/updating these fields, see “Maintaining User Metadata” on page 128.

If you have a mobile data computer with the UMD Editor installed on it, you can attach UMD to a Flashback video immediately after it is finished recording. Otherwise you can use the following procedure to attach UMD back at the precinct.

- 1** Search for and display the video or snapshot you wish to add user metadata to. (If necessary, review “Displaying a Video” on page 30 or “Displaying a Snapshot” on page 47.)

The Video Details page displays, as pictured on the previous page.

- 2** Go to the **Action** column and click **Edit**. The Edit Video popup displays, as pictured above.

(Continued)

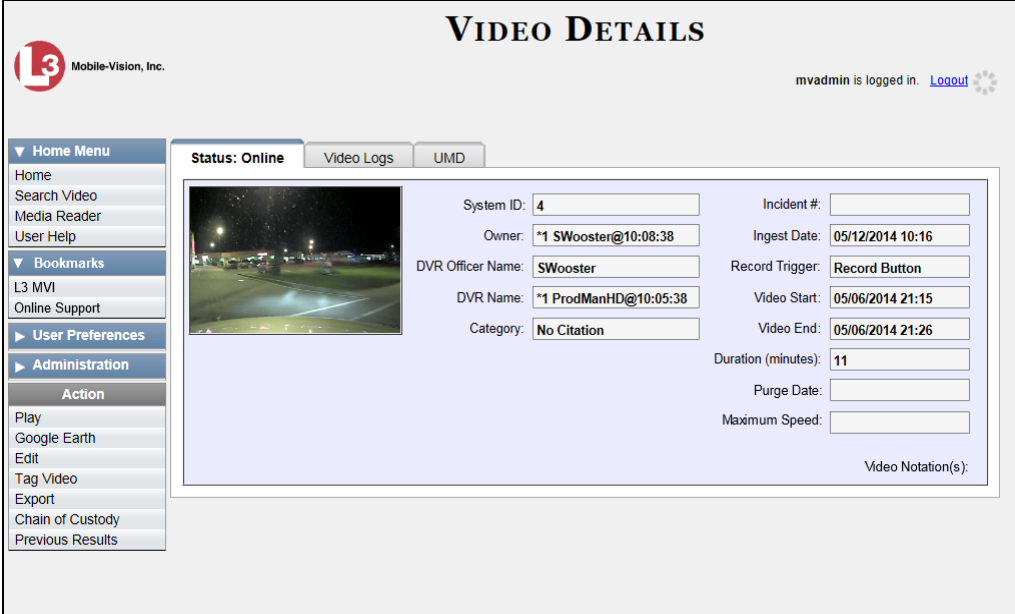
- 3 Enter your data in the appropriate fields. If you see a *Mask* field to the right of a data entry field, it indicates that your entry must adhere to a specific format. Alpha characters (a – z) are represented by an **A**, and numeric characters are represented by a pound sign (#). For example, if you see **##-A####** next to a field labeled *Citation No.*, it indicates that you must enter a citation number that starts with two numbers, followed by a hyphen, followed by a letter, ending with four numbers (e.g., 22-L5600).
- 2 Click **Save**. Your entries are saved under the **UMD** tab.

Adding Predefined Video Notations to a Media File

In addition to the agency-defined *user metadata* fields, you can also notate, or *tag*, videos and Body Worn snapshots using custom checkboxes that are stored in the video record. These checkboxes are referred to as *video notations*. For instructions on how to create video notations, see “Adding a Video Notation” on page 136.

- 1 Search for and display the video or snapshot you wish to notate. (If necessary, review “Displaying a Video” on page 30 or “Displaying a Snapshot” on page 47.)

The Video Details page displays.



VIDEO DETAILS

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

▶ User Preferences

▶ Administration

Action

Play
Google Earth
Edit
Tag Video
Export
Chain of Custody
Previous Results

Status: Online Video Logs UMD

System ID: 4 Incident #:

Owner: *1 SWooster@10:08:38 Ingest Date: 05/12/2014 10:16

DVR Officer Name: SWooster Record Trigger: Record Button

DVR Name: *1 ProdManHD@10:05:38 Video Start: 05/06/2014 21:15

Category: No Citation Video End: 05/06/2014 21:26

Duration (minutes): 11

Purge Date:

Maximum Speed:

Video Notation(s):

- 2 Go to the **Action** column and click **Edit**. The Edit Video popup displays.



Edit Video

Category: No Citation

Currently Belongs to Officer: SWooster

Assign To Officer: SWooster

Incident #:

Video Notation(s):

- Deactivation request denial
- Image of a child
- None
- Protected location
- Substance abuse treatment
- Victim of criminal offense
- Police computer screen
- Special ops event
- UO/CI

Height: 6' 5"

Weight: 260

Build: Large

Eye Color: brown

Identifying marks: tattoo on arm

Save Reset Cancel

If no checkboxes display on this popup, it indicates one of two things:

- Your agency has not created any video notation records yet. For more information, see “Adding a Video Notation” on page 136.
- Your agency has created video notation records, but the feature is currently inactivated. For more information, see “Turning Video Notations On/Off” on page 142.

3 Select all checkboxes that apply.

4 Click **Save**.

Tagging

Tagging is a procedure used to add extra days to a video’s online life. By tagging a video, you extend the video’s online life by X number of days, where X equals the value of the *Days to extend the life of tagged video* field on the **Life-Cycle** tab. (For instructions on changing this setting, see “Viewing/ Changing the Online Lifecycle Settings” in chapter 6.)

The system will archive a tagged video just as it archives other videos—according to your system settings.

For specific instructions, see:

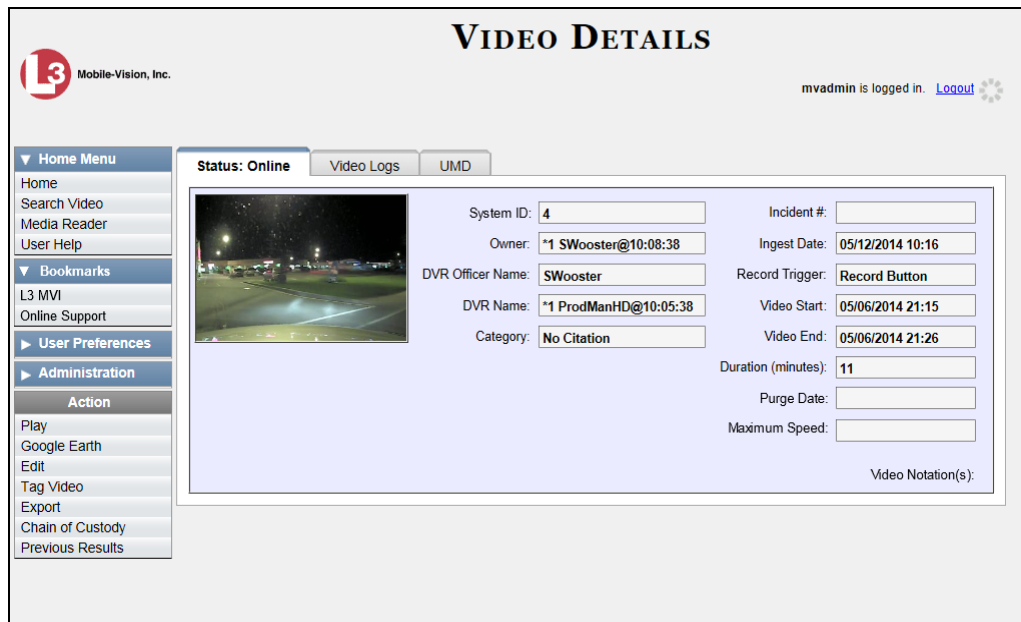
- Tagging a Video, next page
- Untagging a Video, page 69.

If you wish to “tag” a video using predefined checkbox notations instead, see the previous section, “Adding Predefined Video Notations to a Media File.”

Tagging a Video

This section describes how to tag a video. For a definition of tagging, refer to the previous section.

- 1 Search for and display the video you wish to tag. (If necessary, review “Displaying a Video” on page 30.) The Video Details page displays.



VIDEO DETAILS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Status: Online | Video Logs | UMD

System ID: 4 **Incident #:**

Owner: *1 SWooster@10:08:38 **Ingest Date:** 05/12/2014 10:16

DVR Officer Name: SWooster **Record Trigger:** Record Button

DVR Name: *1 ProdManHD@10:05:38 **Video Start:** 05/06/2014 21:15

Category: No Citation **Video End:** 05/06/2014 21:26

Duration (minutes): 11

Purge Date:

Maximum Speed:

Video Notation(s):

Home Menu: Home, Search Video, Media Reader, User Help

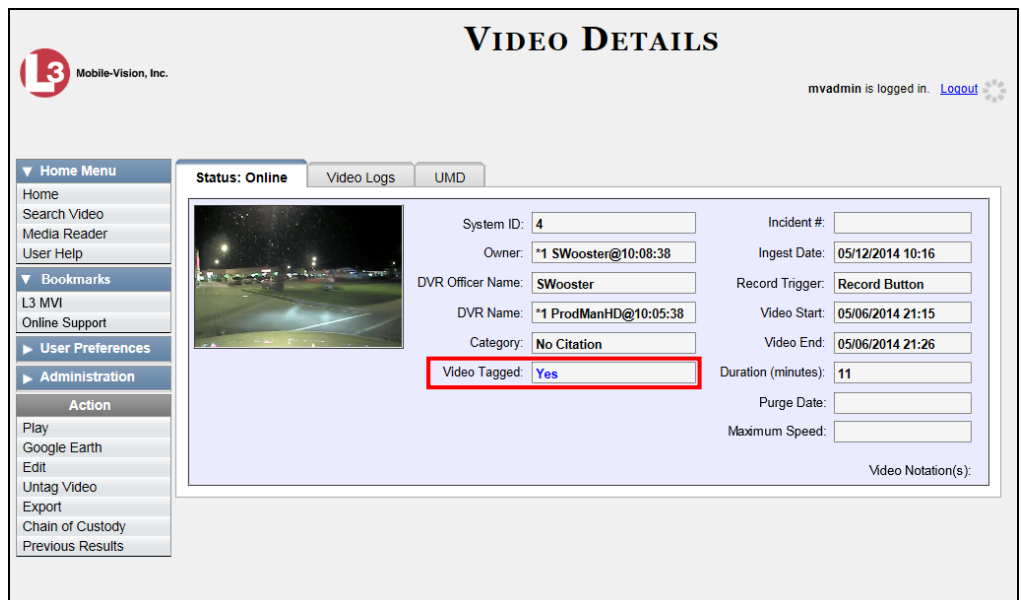
Bookmarks: L3 MVI, Online Support

User Preferences:

Administration:

Action: Play, Google Earth, Edit, Tag Video, Export, Chain of Custody, Previous Results

- 2 Go to the **Action** column and click **Tag Video**. A new field displays on the **Status** tab, indicating that the video is now tagged.



VIDEO DETAILS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Status: Online | Video Logs | UMD

System ID: 4 **Incident #:**

Owner: *1 SWooster@10:08:38 **Ingest Date:** 05/12/2014 10:16

DVR Officer Name: SWooster **Record Trigger:** Record Button

DVR Name: *1 ProdManHD@10:05:38 **Video Start:** 05/06/2014 21:15

Category: No Citation **Video End:** 05/06/2014 21:26

Video Tagged: Yes

Duration (minutes): 11

Purge Date:

Maximum Speed:

Video Notation(s):

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences:

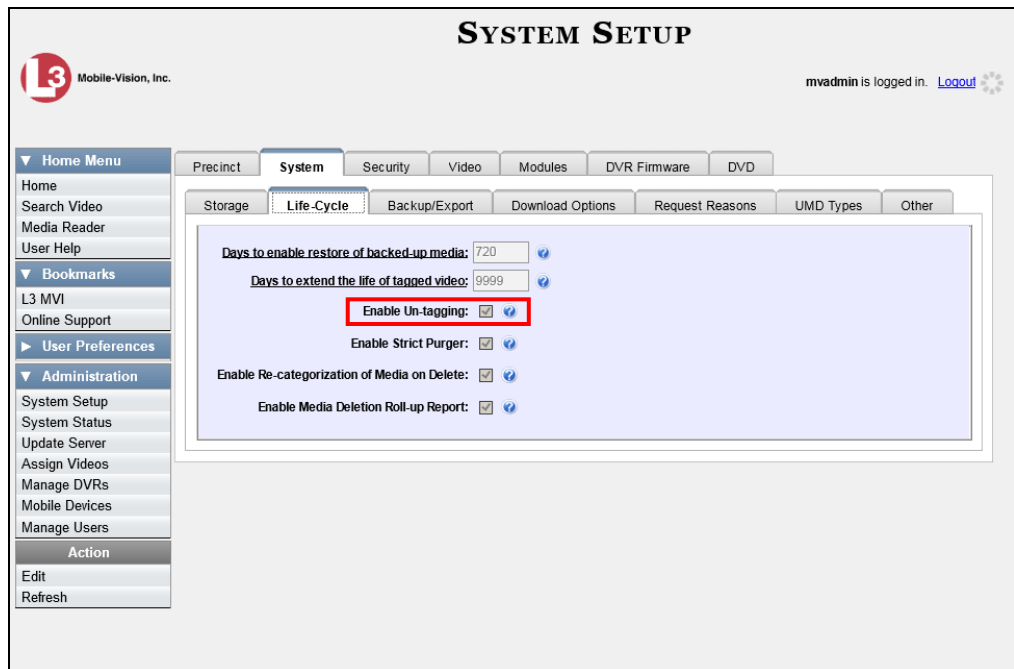
Administration:

Action: Play, Google Earth, Edit, Untag Video, Export, Chain of Custody, Previous Results

Untagging a Video

This section describes how to remove the “tagged” flag from a video. For a definition of tagging, see “Tagging” on page 67.

In order to perform this task, the *Enable Un-tagging* function must be selected on the Life-Cycle form, as pictured below. For instructions on how to access this form, see “Viewing/Changing the Online Lifecycle Settings” in chapter 6.



- 1 Search for and display the video you wish to untag. (If necessary, review “Displaying a Video” on page 30.)

The Video Details page displays, as pictured on the previous page. The *Video Tagged* field indicates that the video is currently tagged.

- 2 Go to the **Action** column and click **Untag Video**. The *Video Tagged* field is removed from the Video Details page.

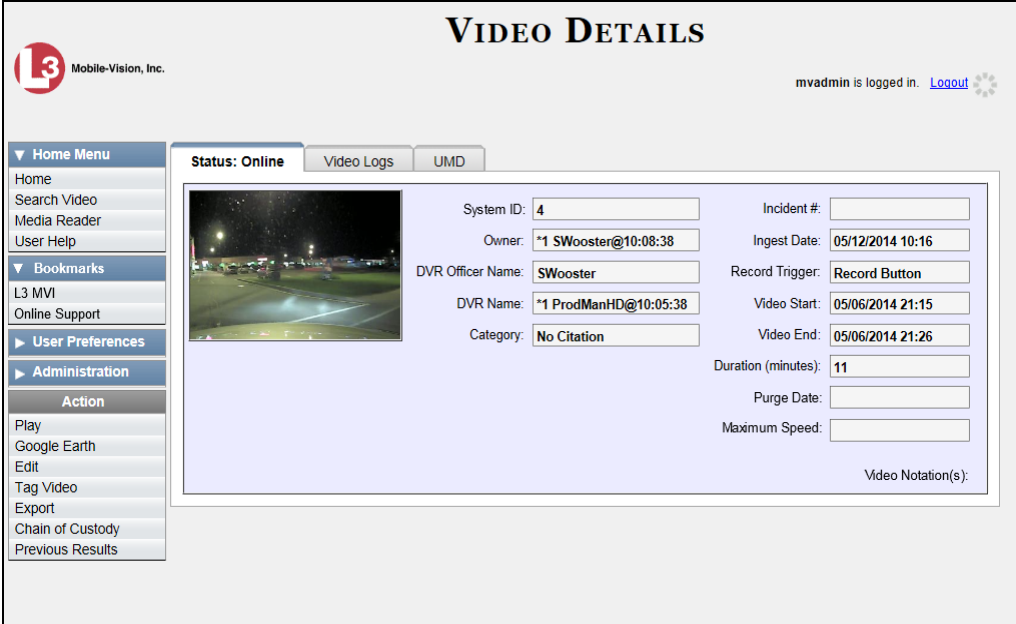
Generating a Chain of Custody Report for a Media File

This section describes how to generate a Chain of Custody report for a selected video or *BodyVISION* snapshot. The Chain of Custody report contains a log of all operations that have been performed on a video or snapshot, such as the transfer of data from a vehicle to the DEV server PC (i.e., *System Media Uploaded from Unit*). It shows the date and time at which each activity occurred, as well as the User ID of the officer who performed the action, if applicable. If the *User* field is blank, it indicates that the action listed was performed automatically by the system.

To display this report, you must have the Adobe Reader installed on your PC.

- 1 Search for and display the video or snapshot you wish to generate a report for. (If necessary, review “Displaying a Video” on page 30 or “Displaying a Snapshot” on page 47.)

The Video Details page displays.



VIDEO DETAILS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

► Administration

Action

Play
Google Earth
Edit
Tag Video
Export
Chain of Custody
Previous Results

Status: Online Video Logs UMD

System ID: 4 Incident #:

Owner: *1 SWooster@10:08:38 Ingest Date: 05/12/2014 10:16

DVR Officer Name: SWooster Record Trigger: Record Button

DVR Name: *1 ProdManHD@10:05:38 Video Start: 05/06/2014 21:15

Category: No Citation Video End: 05/06/2014 21:26

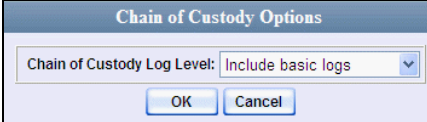
Duration (minutes): 11

Purge Date:

Maximum Speed:

Video Notation(s):

- 2 Go to the **Action** column and click **Chain of Custody**. The Chain of Custody Options popup displays.



Chain of Custody Options

Chain of Custody Log Level: Include basic logs

OK Cancel

- 3 If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.

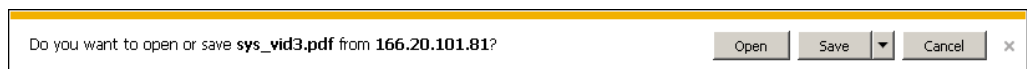
– OR –

If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.

– OR –

If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.

- 4 Click **OK**. A Windows message displays.



- 5 Click **Open**. Another Windows message displays.



- 6 Click **Open** again. The Media Chain of Custody report displays.

Media Chain of Custody Report

L-3 Mobile-Vision, Inc.
 L-3 Mobile-Vision Headquarters
 New Jersey Headquarters
 2700 Westhall Ln., Maitland, FL
 973-263-1090

Media Details		
System ID: 66	Owner: Officer Zalewski	DVR Officer Name: No Name
DVR Name: CAR 212	Category: Traffic Citation	
Ingest Date: 01/12/2015 16:23	Video Start Date: 07/18/2014 07:23	Video End Date: 07/18/2014 07:33

Access Logs		
Date	User	Action
12/18/2015 15:55	Sergeant Larkin	System Video Category Changed
12/18/2015 15:50	Sergeant Larkin	System Video Played
12/18/2015 15:48	Sergeant Larkin	System Video Played
12/18/2015 14:22	Sergeant Larkin	System Video Played
12/16/2015 10:13	mvadmin	Video Notation Added: Victim of criminal offense
11/10/2015 17:33	Sergeant Larkin	Export Request Completed - Certified Copy #67

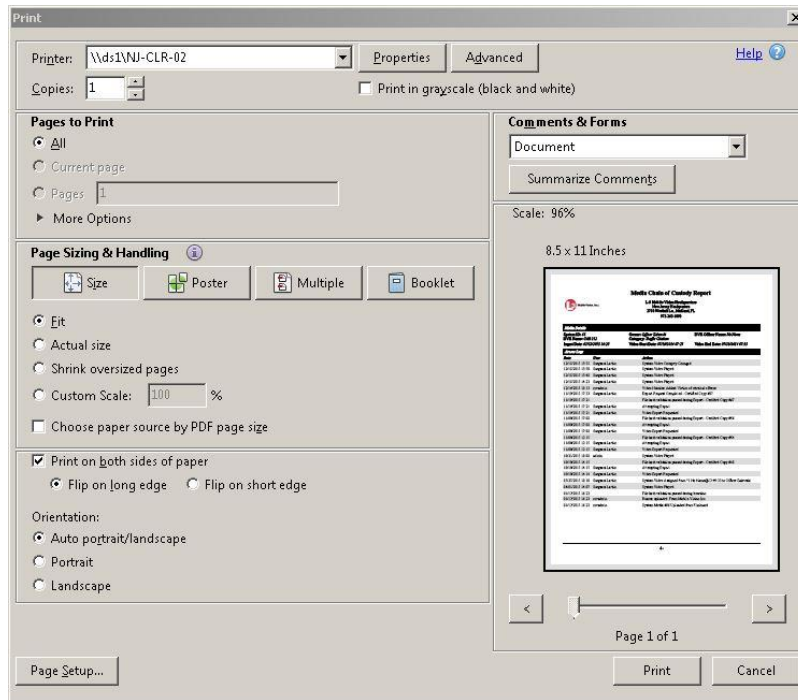
- 7 To print this report, proceed to the next step. Otherwise skip to step 10.




- 8 Go to the Acrobat menu bar and click the Printer icon. The Print popup displays.

(Continued)

* International Association of Chiefs of Police

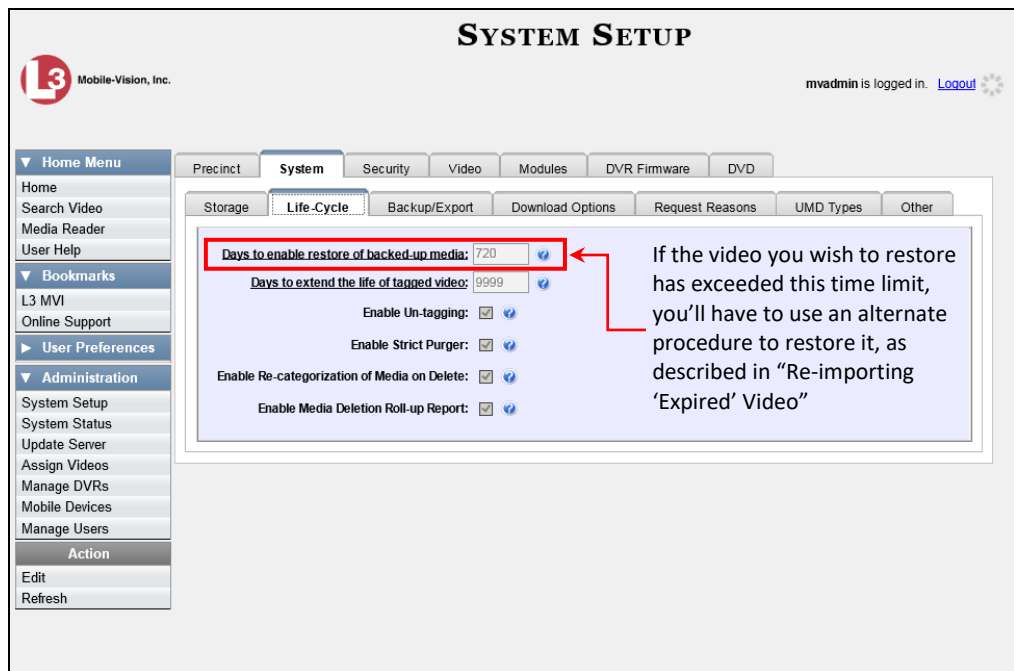


- 9 Select your desired printer settings, then click **OK**. The report is directed to your active printer.
- 10 When you are finished viewing/printing the report, click the  in the upper right corner of the page to exit Adobe Reader.

Reactivating an Offline Video

An *offline* video is one that has been backed up but not completely removed from the server PC. You can view an offline video's thumbnail image and its statistics (category, duration, record trigger, etc.), but not the video itself. If you want to view the video from the server PC again, you will have to restore or “reactivate” it from a backup disc or external backup device.

There is a limited time period in which you can reactivate an offline video. This time period depends on the value of the *Days to enable restore of backed-up media* field on the **Life-Cycle** tab, as pictured on the next page. For instructions on changing this setting, see “Viewing/Changing the Online Lifecycle Settings” in chapter 6.



You can tell that a video has exceeded its reactivation time limit when its thumbnail image and statistics no longer display online.

For specific instructions, see:

- Reactivating a Video from a Backup Disc, below
- Reactivating a Video from an External Backup Device, page 74.

Reactivating a Video from a Backup Disc

This section describes how to reactivate, or restore, an offline video from a backup disc. You can reactivate a video from either a Certified Backup Disc *or* a manual backup disc* that is in Data DVD format.

For more on *offline* vs. *online* videos, see the previous section, "Reactivating an Offline Video."

You can reactivate a video for your own use, or at the request of another user. Requests from other users display on your *Inbox Messages* list, located on the Home Page.

As a system administrator, you can reactivate a video for your own use, or at the request of another user. Requests from other users display on your *Inbox Messages* list, located on the Home Page.


* Also referred to as an "export" disc or a "user-requested certified copy"




NOTE: If your backup mode is set to **EXTERNAL**, you will need to use an alternate procedure. See “Reactivating a Video from an External Backup Device” on page 74 for further instructions. If you’re not sure what your backup mode is, see “View Your Backup Mode” on page 77.

- 1 To reactive a video for your own use, search for and display the desired video. (If necessary, review “Displaying a Video” on page 30.) The Video Details page displays. Skip to step 3.

– OR –

To reactive a video for another user, go to  and click **Home**. The Home menu displays.


- ➔ 2 Locate the reactivation request on your *Inbox Messages* list, then click the View Video Detail icon.



Mobile-Vision, Inc.

WELCOME HOME

Your last login was on: 04/08/2019 11:45:35

Sergeant Larkin is logged in. [Logout](#) 









- ▼ Home Menu
- Home
- Search Video
- Media Reader
- User Help
- ▼ Bookmarks
- L3 MVI
- Online Support
- ▶ User Preferences
- ▶ Administration
- Action
- Manage Requests

Message Board

● My Messages
○ All Messages





Inbox Messages

Page 1 of 1 (7 total records)

Date	State	Message Text	Actions
12/29/2015 15:33	Queued	Please restore System Video #42 to an online status.	  
12/23/2015 11:25	Completed	Export Discovery Disc 1 of 1 is now ready for download.	 
12/21/2015 11:57	Completed	Server Update to build number 3.9.1-17418 was successfully completed.	
12/16/2015 14:35	Completed	Account 'chris' has been disabled for exceeding failed login attempts	
12/16/2015 07:54	Queued	There is an update available for your Server, click the arrow to the right to download the update.	 
11/11/2015 15:34	Queued	Please restore Case 'Quick Check Robbery' to an online status.	  
11/06/2015 09:44	Completed	The system has encountered 10 or more error(s) for unit 0000006551 in the last 24 hours.	 

Sent Messages

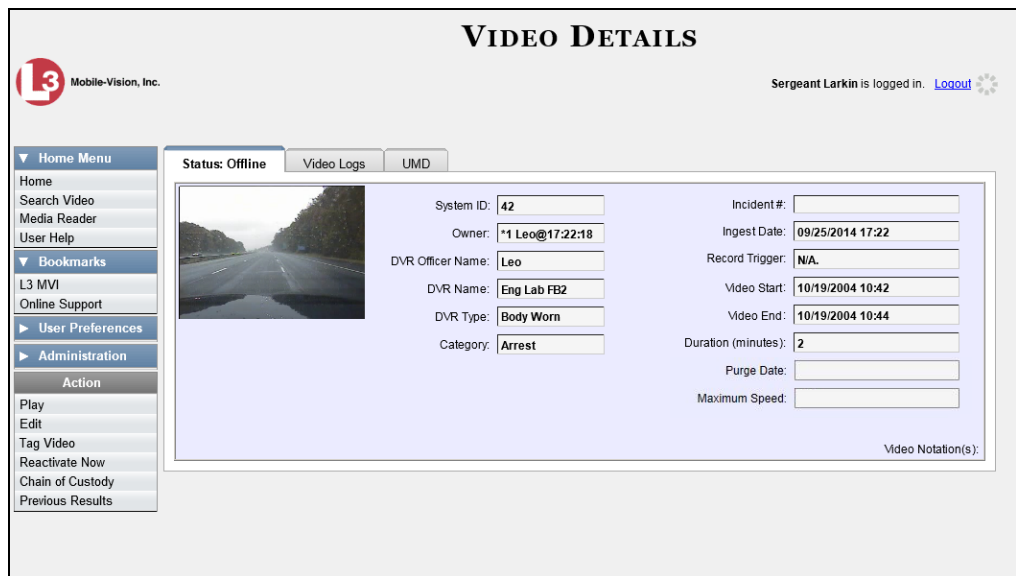
Page 1 of 1 (2 total records)

Date	State	Message Text	Actions
12/29/2015 15:33	Queued	Please restore System Video #42 to an online status.	  
11/11/2015 15:34	Queued	Please restore Case 'Quick Check Robbery' to an online status.	  

The Video Details page displays.

Page | 74

DEV Administrator’s Guide
Safe Fleet Mobile-Vision • 7.30.2019

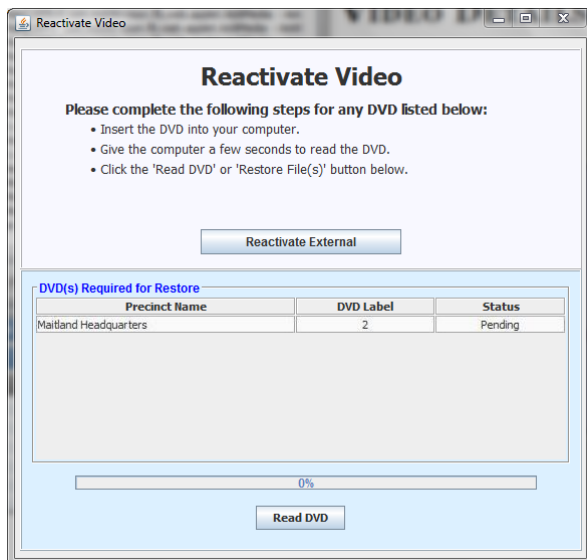


3 Go to the **Action** column and click **Reactivate Now**.

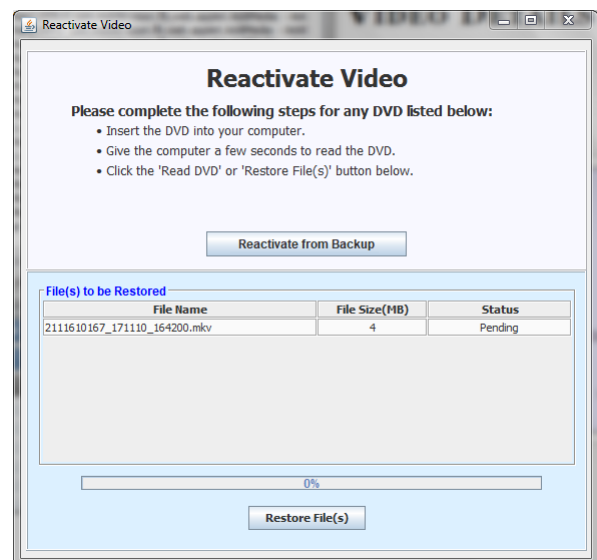
⇒ If the Reactivate Video popup displays, proceed to the next step.

⇒ If a security popup displays, select the checkbox at the bottom of the popup, then click **Allow**. The Reactivate Video popup displays.

This popup may appear slightly different depending on whether this video was previously backed up to an *Archive* disc (Certified Backup Disc) or an *Export* disc (User-Requested Certified Backup).



Reactivating from an Archive disc



Reactivating from an Export disc

(Continued)

- 4 If the center column reads *DVD Label*, proceed to the next step.
– OR –
If the center column reads *File Size(MB)*, locate your backup disc, then skip to step 6.
- 5 Look at the number in the *DVD Label* column. This is the number of the Certified Backup Disc that contains the video you're looking for. Locate this disc, then proceed to the next step.
- 6 Insert the backup disc in your PC's CD/DVD tray. (Must be either a Certified Backup Disc or an Export disc that is in Data DVD format.) Give the computer a few seconds to read the DVD, then proceed to the next step.
- 7 Click **Read DVD** or **Restore File(s)**. After a momentary delay, the Video Details screen will redisplay, indicating that the video has been successfully restored.



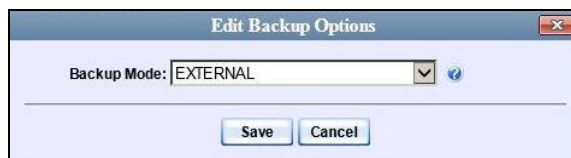
NOTE: If your session “times out” during the reactivation, you need to increase your Session Timeouts number. For instructions, see “Changing the Session Timeout Setting” in chapter 7.

Reactivating a Video from an External Backup Device

This section describes how to reactivate, or restore, an offline video from an external backup device, such as a tape drive. Once a video has been reactivated, you will be able to play it from the server.

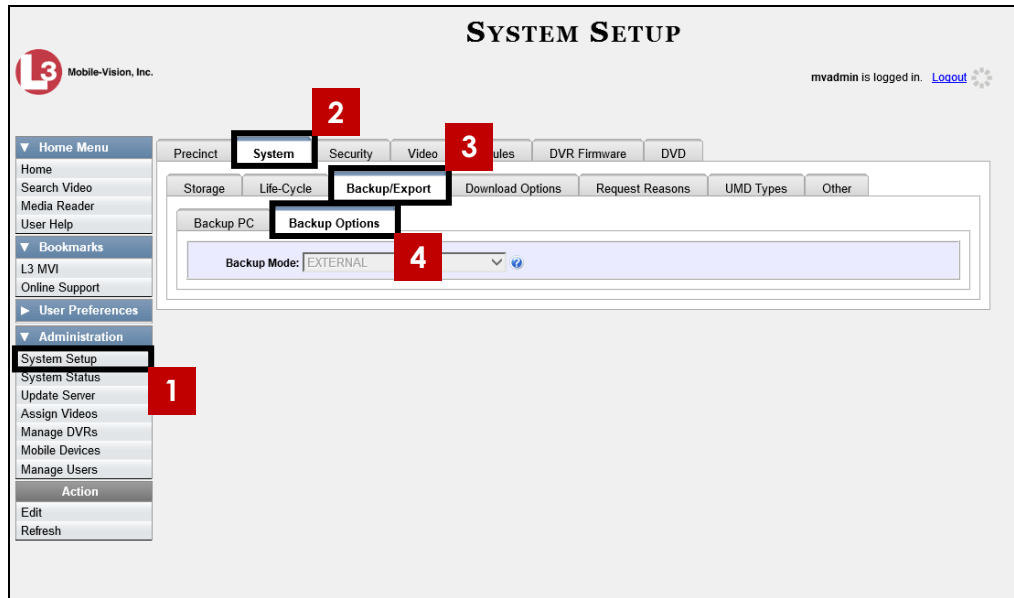
For more on *offline* vs. *online* videos, see “Reactivating an Offline Video” on page 72.

Use this procedure if your Backup Mode is set to **EXTERNAL**.



If you're not sure what your backup mode is, select the following menu options to display the **Backup Options** tab.

View Your Backup Mode



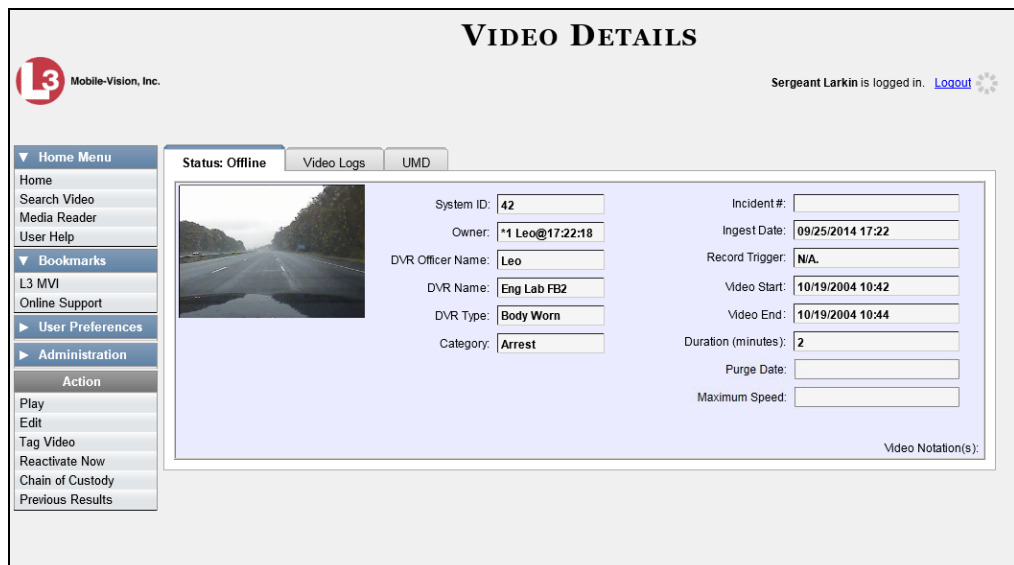
If your backup mode is set to something other than **EXTERNAL**, see “Reactivating a Video from a Backup Disc” on page 73 instead.

- 1 To reactive a video for your own use, search for and display the desired video. (If necessary, review “Displaying a Video” on page 30.) The Video Details page displays. Skip to step 3.

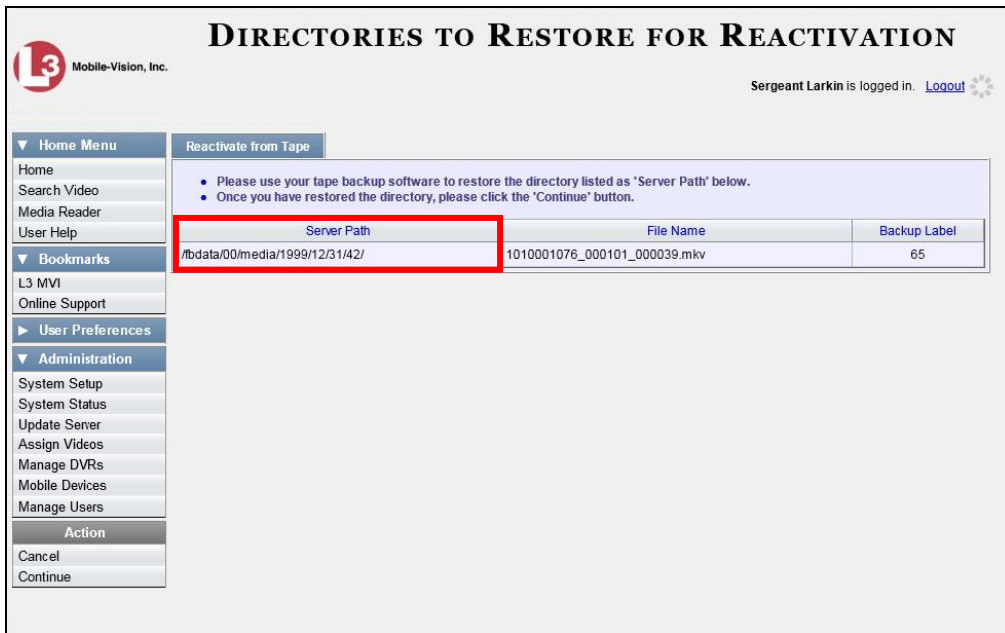
– OR –

To reactive a video for another user, go to **Home Menu** and click **Home**. The Home menu displays.

- ➔ 2 Locate the reactivation request on your *Inbox Messages* list, then click the View Video Detail icon.



- 3 Go to the **Action** column and click **Reactivate Now**. The Directories to Restore for Reactivation page displays.



Server Path	File Name	Backup Label
/bdata/00/media/1999/12/31/42/	1010001076_000101_000039.mkv	65

- 3 Using the software that came with your backup device (e.g., tape backup software), restore the directory or directories that are listed in the *Server Path* column.
- 4 Go to the **Action** column and click **Continue**. After a momentary delay, a confirmation message will display.

Video Reactivate Successful.

Re-importing “Expired” Video

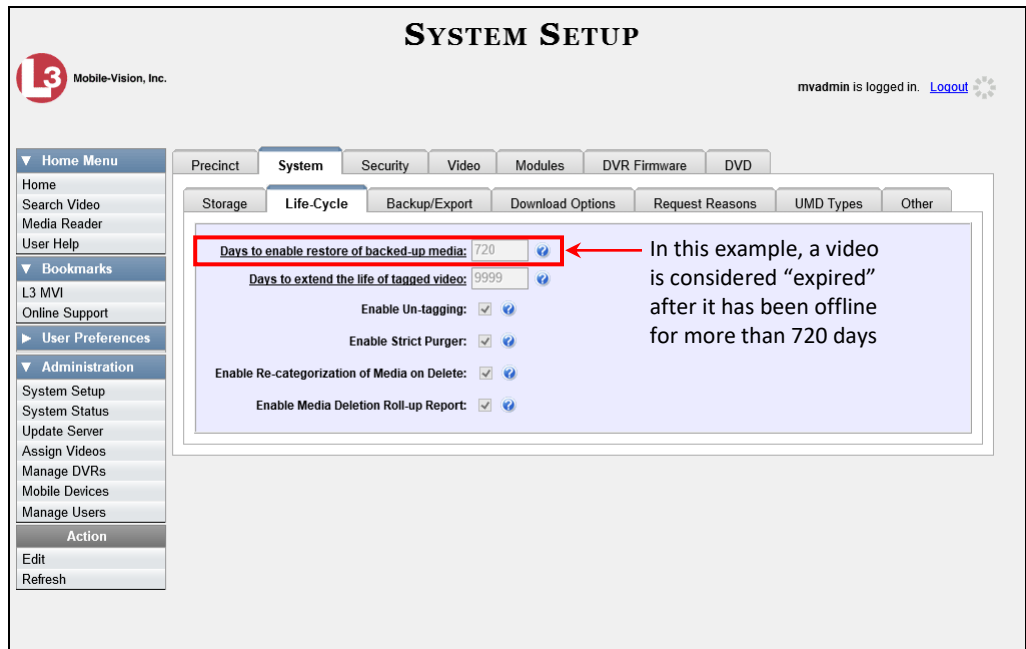
Occasionally, you may need to re-import an “expired” video. An *expired* video is one that is too old to be reactivated based on its category’s *Days to enable restore of backed-up media* setting (see illustration on the next page). Although this is not the recommended method for restoring videos, this procedure may be used in an emergency situation to re-import important data that is too old to be reactivated.

You can re-import expired video from either a Certified Backup Disc or a manual backup disc* that is in **Data DVD** format.

When you perform this procedure, the system treats the uploaded video as if it were a new record, rather than a “reactivation” of an existing record. The video will therefore begin the same lifecycle as a new video that is downloaded to the server PC for the first time.

* Also referred to as an “export” disc or a “user-requested certified copy”

This procedure is not commonly performed.



SYSTEM SETUP


Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)


System


Life-Cycle


Days to enable restore of backed-up media: 720

Days to extend the life of tagged video: 9999

Enable Un-tagging: 

Enable Strict Purger: 

Enable Re-categorization of Media on Delete: 

Enable Media Deletion Roll-up Report: 

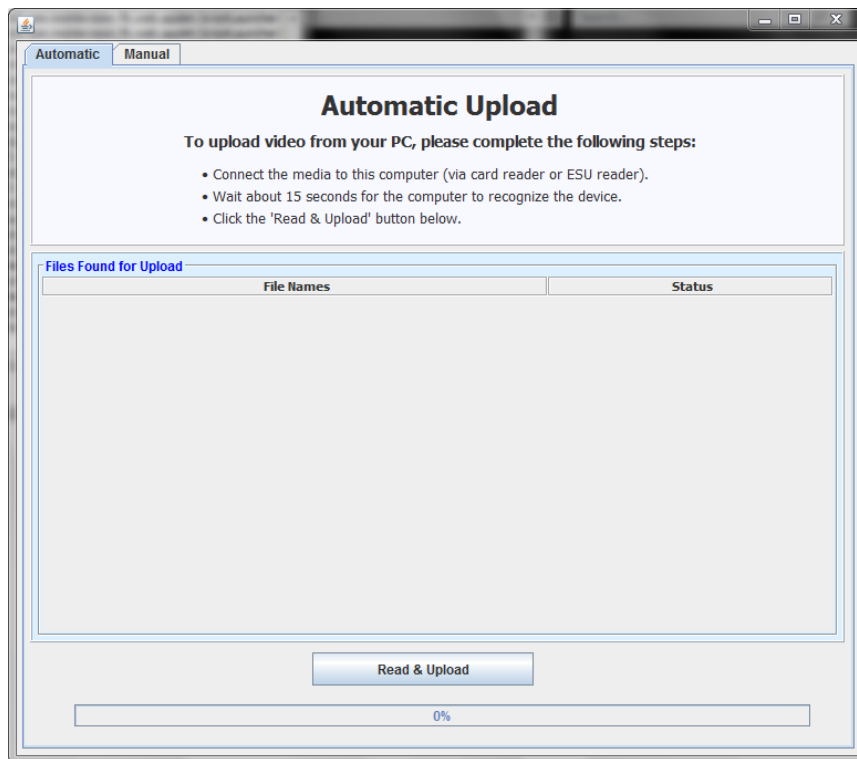
In this example, a video is considered “expired” after it has been offline for more than 720 days



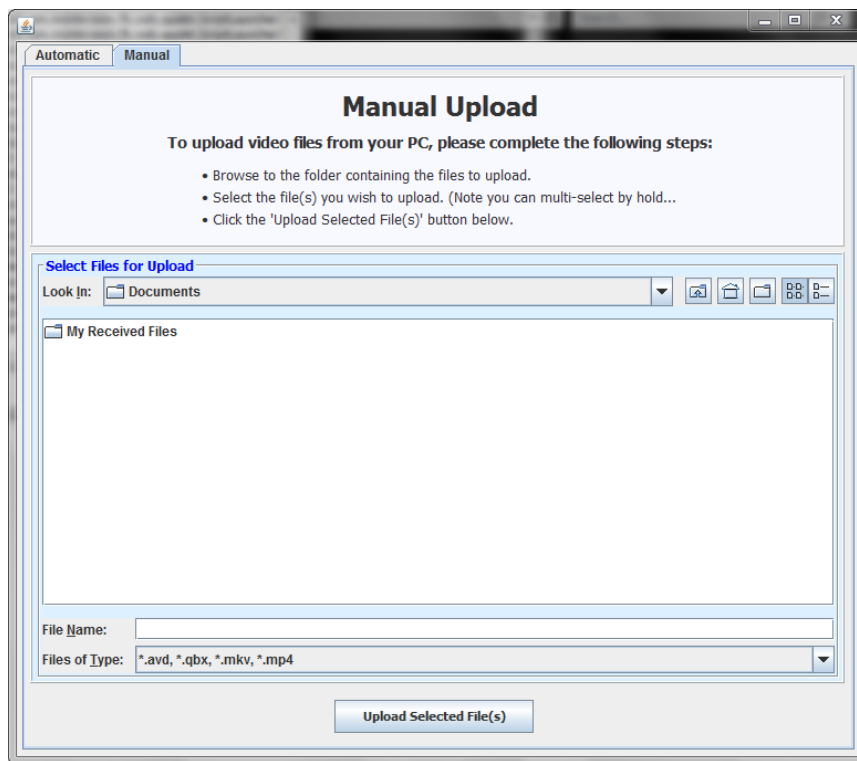
NOTE: If the *Enable Re-categorization of Media on Delete* option on the **Life-Cycle** tab is selected, you do not need to use this procedure. That’s because that feature causes the system to reassign all expired videos a category of “Purged”, which allows them to be reactivated at any time (assuming you have a backup disc). For more information, see “Reactivating an Offline Video” on page 72.

- 1 Insert the backup disc into your PC’s DVD/CD tray. This will either be an *Archive* disc (i.e., *Certified Backup Disc*) or an *Export* disc (i.e., *User Requested Certified Copy*).
- 2 Go to **Home Menu** and click **Media Reader**.
 - ⇒ If the Automatic Upload popup displays (typical), proceed to the next step.
 - ⇒ If a security popup displays, select the checkbox at the bottom of the popup, then click **Allow**. Next, select the checkbox at the bottom of the *second* popup, then click **Run**. The Automatic Upload popup displays.

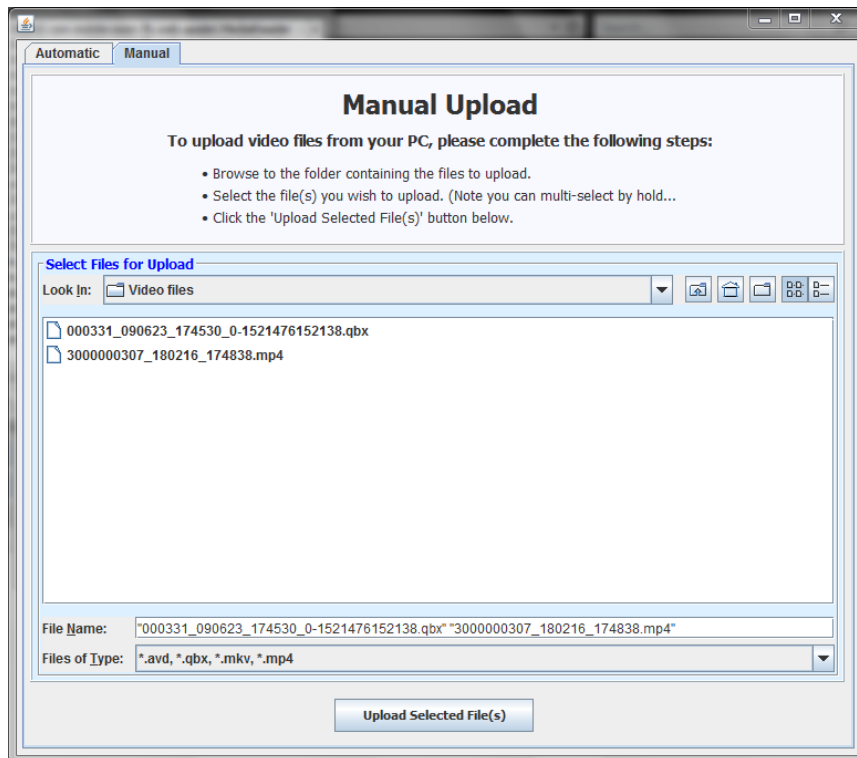
(Continued)



3 Click the **Manual** tab at the top of the page. The Manual Upload page displays.



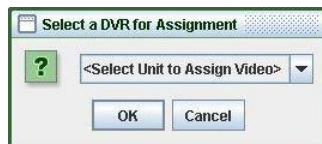
- Using the *Look in* field, *navigate* to your PC's CD/DVD drive. The files on the backup disc display onscreen.



- Click on the video file you wish to upload (must have an extension of **QBX**, **MKV**, **MP4**, or **AVD**). To select more than one video, hold the **Ctrl** key *down* while you click on each video.

- Click **Upload Selected File(s)**.

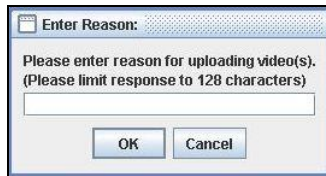
- ⇒ If the Select a DVR for Assignment popup displays, proceed to the next step.
- ⇒ If the Enter Reason popup displays, skip to step 8.



Next, you need to specify which DVR unit you want to assign the video to.

- Select a DVR unit from the drop-down list, then click **OK**. The Enter Reason popup displays.

(Continued)



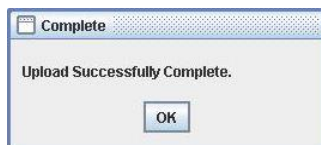
- 8 Enter the reason for this video upload in the blank field provided, then click **OK**. Your entry displays for confirmation purposes.



- 9 If the displayed reason for the video upload is correct, click **Yes**. The system begins uploading your video file(s). When the transmission is complete, a confirmation message displays, as pictured below. Proceed to the next step.

– OR –

If the displayed reason for the video upload is *not* correct, click **No**. The Enter Reason popup redisplay. Repeat step 8.



- 10 Click **OK**.


Manually Uploading New Videos

Typically, Flashback videos are transmitted to the server automatically whenever your vehicle comes within about 300 feet of your precinct's access points. However, if you can't wait for the automatic file transfer to occur, or a problem has occurred that interfered with the wireless file transfer, you can manually upload videos instead. Manual uploads are also used to transmit videos captured with a *Body Worn* camera, such as *BodyVISION*, *BWX-100*, or *VIEVU*.

For specific instructions, see:


- Manually Uploading Flashback Videos, next page
 - Manually Uploading VIEVU Videos, page 85
- Manually Uploading *BodyVISION* or *BWX-100* Videos. To upload these videos, simply place the Body Worn camera in your agency's Uplink Station, which consists of a group of docking stations connected to your storage server. For more information, see "Downloading Videos to DES or Basic Viewer HD" in the *BodyVISION User's Guide*, or "Uploading Videos to

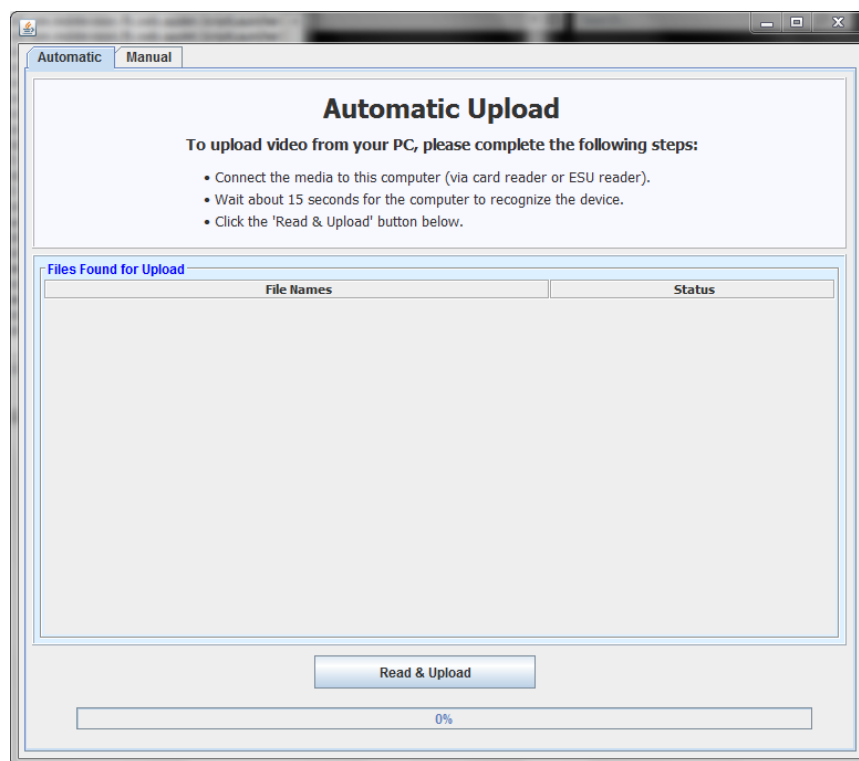
DES” in the *BWX-100 User’s Guide*. These manuals are available for download from our Online Support Center.

To access the Online Support Center, go to  and click **Online Support**.

Manually Uploading Flashback Videos

This section describes how to manually upload new Flashback videos from an SD Card (Flashback3/FlashbackHD) or CF Card (Flashback2). For more information on when/why you might need to perform this procedure, see the previous section, “Manually Uploading New Videos.”

- 1 Go to  and click **Media Reader**.
 - ⇒ If the Automatic Upload popup displays (typical), proceed to the next step.
 - ⇒ If a security popup displays, select the checkbox at the bottom of the popup, then click **Allow**. Next, select the checkbox at the bottom of the *second* popup, then click **Run**. The Automatic Upload popup displays.



- 2 If your PC has a built-in card reader (i.e., CF slot for Flashback2s or SD slot for Flashback3s/FlashbackHDs), proceed to the next step.
 - OR –
 - If you are using a stand-alone card reader, make sure it’s connected to your PC.

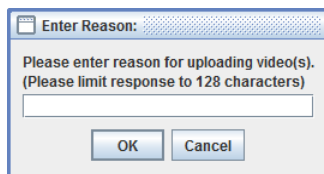


Sample CF/SD card reader

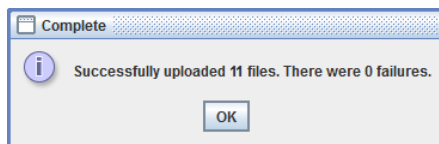
- 3 If you have not done so already, remove the memory card from the Flashback DVR.



- 4 Insert the memory card in your PC's CF/SD slot or an external card reader.
- 5 Click the **Read & Upload** button. The Enter Reason popup displays.



- 6 Enter the reason for this video upload in the blank field provided, then click **OK**. The system begins uploading your video files. This may take several seconds or several minutes, depending on the size of your files. When the transmission is complete, a confirmation message displays.



- 7 Click **OK**. You may now remove the memory card from the card reader and reinsert it in your Flashback DVR.

Manually Uploading VIEVU Videos

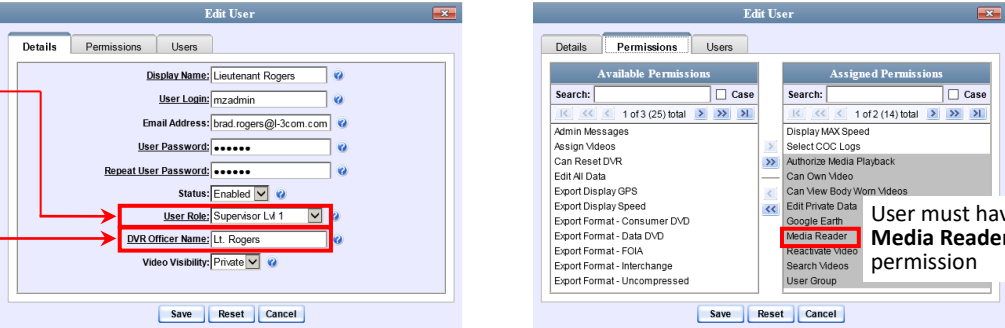
This section describes how to upload new videos from a VIEVU— a small body worn DVR sold by Mobile-Vision. This procedure differs slightly depending on whether you have an LE2 or LE3 model VIEVU.

For specific instructions, see:

- Manually Uploading Videos from a VIEVU LE2, below
- Manually Uploading Videos from a VIEVU LE3, page 88.

Manually Uploading Videos from a VIEVU LE2

This section describes how to upload new videos from a VIEVU model LE2. This procedure must be performed by a *non-admin* user (typically a *Supervisor Lvl 1* or *Supervisor Lvl 2*) who has a *DVR Office Name* and is assigned the *Media Reader* permission. See illustration below.



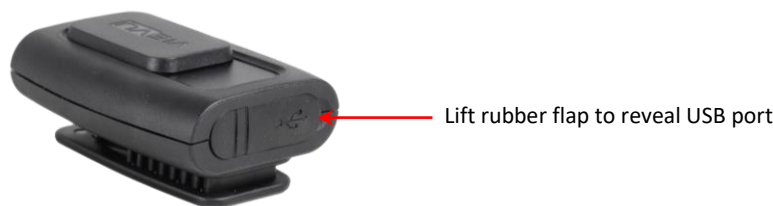
User Role cannot be Administrator

DVR Office Name field must be populated

User must have Media Reader permission


For instructions on Viewing/Updating user records, see “Changing a User” in chapter 8.

- 1 Login to the DEV application as a non-admin user who has a *DVR Office Name* and is assigned the *Media Reader* permission. (See illustration above.)
- 2 Take out the USB cable that came in the box with your VIEVU LE2.
- 3 Insert the smaller USB plug into the VIEVU’s USB port, as pictured below.

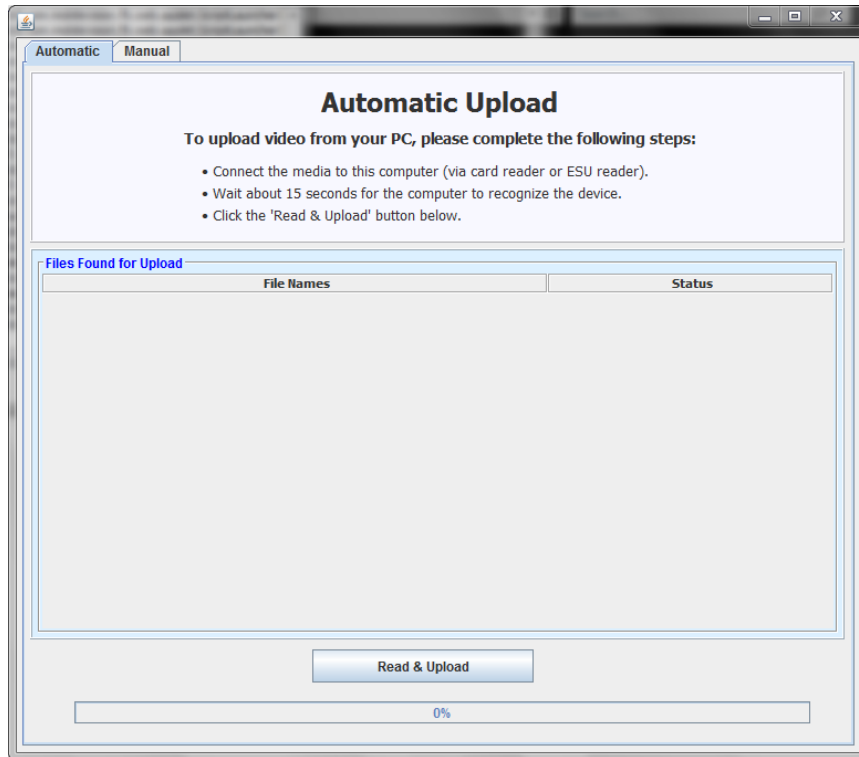


- 4 Insert the remaining USB plugs into any two USB ports on the PC that you use to access DEV.
- 5 If this is the first time you've connected the VIEVU to this PC and you are prompted to download the VIEVU drivers, proceed to the next step.
– OR –
If this is the first time you've connected the VIEVU to this PC and you are *not* prompted to download the VIEVU drivers, you will have to manually download them before continuing. See “Manually Installing the VIEVU Drivers” on page 171 for instructions. Once the drivers are installed, proceed to step 14 below for further instructions.
– OR –
If this is *not* the first time you've used this PC to upload videos to DEV (i.e., this PC already has the VIEVU drivers installed on it), skip to step 14.
- 6 Select the **Yes, this time only** button.
- 7 Click **Next**.
- 8 Click **Next** again.
- 9 Click **Finish**.
- 10 Repeat steps 6 – 9.
- 11 Disconnect the USB cables, then reboot your PC.
- 12 Plug the USB cables back in.
- 13 Log back into the DEV application as a non-admin user who has a *DVR Office Name* and is assigned the *Media Reader* permission.
- 14 Push the VIEVU's slide bar into the ON position.



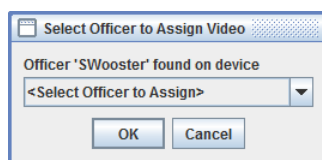
- 15 Go to  and click **Media Reader**.
⇒ If the Automatic Upload popup displays (typical), proceed to the next step.

- ⇒ If a security popup displays, select the checkbox at the bottom of the popup, then click **Allow**. Next, select the checkbox at the bottom of the *second* popup, then click **Run**. The Automatic Upload popup displays.

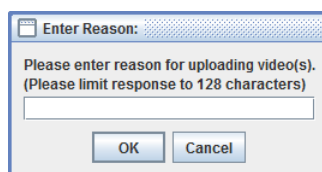


WARNING: If you are also using VIEVU's Veripatrol software, make sure the Veripatrol application is **closed** before you proceed.

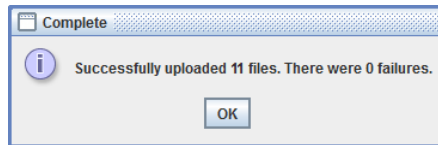
- 16** Click the **Read & Upload** button. The Select Officer to Assign Video popup displays.



- 17** Select an officer name from the drop-down list, then click **OK**. The Enter Reason popup displays.



- 18 Type **VIEVU video upload** in the blank field provided, then click **OK**. Your entry displays for confirmation purposes.
- 19 Click **Yes**. The system begins uploading your video files. This may take several seconds or several minutes, depending on the size of your files. When the transmission is complete, a confirmation message displays.



- 20 Click **OK**.

Manually Uploading Videos from a VIEVU LE3

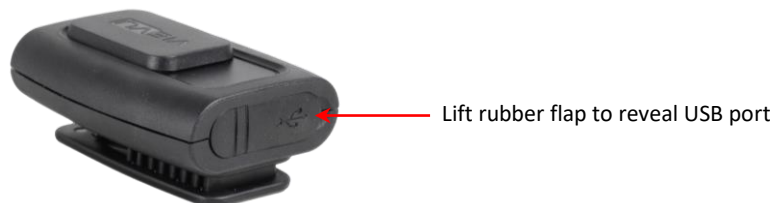
This section describes how to upload new videos from a VIEVU model LE3. This procedure must be performed by a user who has the *Media Reader* permission, such as an Administrator or Supervisor.


- 1 Take out the USB cable that came in the box with your VIEVU LE3.



NOTE: If you also have an LE2 model VIEVU, make sure you use the cable that came with the LE3, *not* the LE2 cable.

- 2 Insert the smaller USB plug into the VIEVU's USB port, as pictured below.



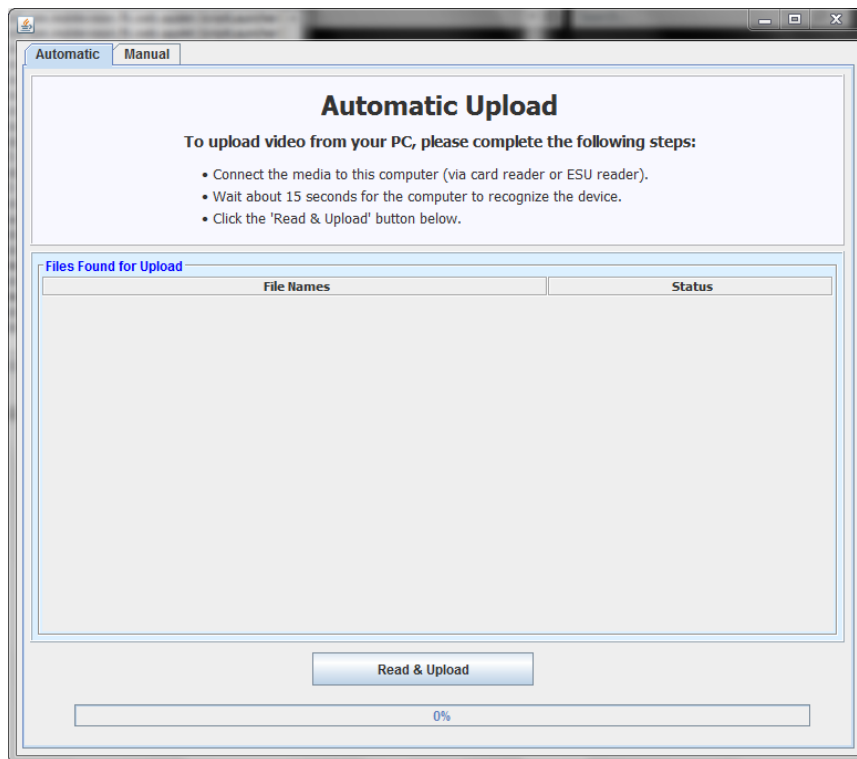
- 3 Insert the remaining USB plugs into two USB ports on the PC that you use to access DEV.
 - ⇒ If this is the first time you've connected the VIEVU to this PC, the system will automatically begin downloading the VIEVU drivers. Once the installation of the drivers is complete, click **Close** in response to the system prompt. Next, you need to set the VIEVU's COM port to COM9 or lower in Windows. Proceed to the next step.
 - ⇒ If this is *not* the first time you've connected the VIEVU to this PC (i.e., the VIEVU drivers are already installed on this PC), skip to step 15.
- 4 Click the Windows **Start** button or  icon in the lower left corner of your screen.
- 5 Right-click on the word **Computer**.

- 6 Click on **Manage**.
- 7 Go to the left column and click **Device Manager**.
- 8 Double-click on **Ports (COM & LPT)**.
- 9 Double-click on **USB Serial Port**.
- 10 Click the **Port Settings** tab.
- 11 Click the **Advanced** button.
- 12 Select a new COM port from the *COM Port Number* drop-down list. You may select any unused port that is COM9 or lower.
- 13 Disconnect the USB cables, then restart your PC.
- 14 Plug the USB cables back in.
- 15 Push the VIEVU's slide bar into the ON position.



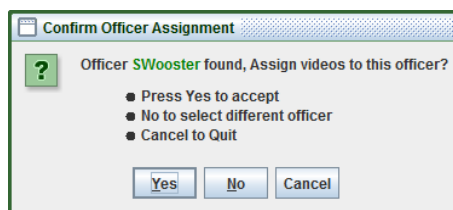
- 16 Login to DEV as a user who has the *Media Reader* permission, such as an Administrator or Supervisor.
- 17 Go to **▼ Home Menu** and click **Media Reader**.
 - ⇒ If the Automatic Upload popup displays (typical), proceed to the next page.
 - ⇒ If a security popup displays, select the checkbox at the bottom of the popup, then click **Allow**. Next, select the checkbox at the bottom of the *second* popup, then click **Run**. The Automatic Upload popup displays.

(Continued)



WARNING: If you are also using VIEVU’s Veripatrol software, make sure the Veripatrol application is **closed** before you proceed.

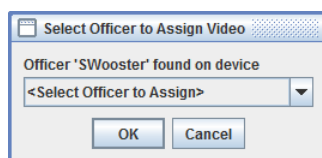
- 18 Click the **Read & Upload** button. The Confirm Officer Assignment popup displays.



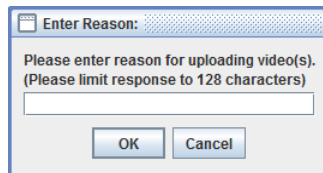
- 19 If you wish to assign videos to the officer name displayed here, click **Yes**. The Enter Reason popup displays. Skip to step 21.

– OR –

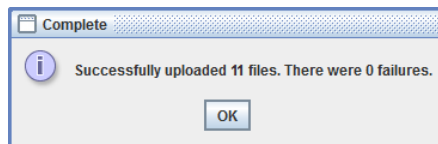
If you do *not* wish to assign videos to the officer displayed here, click **No**. The Select Officer to Assign Video popup displays.



- 20 Select an officer name from the drop-down list, then click **OK**. The Enter Reason popup displays.



- 21 Type **VIEVU video upload** in the blank field provided, then click **OK**. The system begins uploading your video files. This may take several seconds or several minutes, depending on the size of your files. When the transmission is complete, a confirmation message displays.



- 22 Click **OK**.

Downloading Video Files to Your PC

If desired, you can download selected videos to your PC. For specific instructions, see:

- Downloading Video to Your PC in Data DVD Format, below
- Downloading Video to Your PC in Interchange Format, page 96
- Downloading Video to Your PC in Uncompressed Format, page 101
- Downloading Video to Your PC in FOIA Redacted Format, page 105.

Downloading Video to Your PC in Data DVD Format

This section describes how to download videos to your PC in *Data DVD* format. For more information on the Data DVD format, see “Data DVD Format” in chapter 3.

Perform this procedure if you wish to email video, put it on a USB drive or other device, and/or play it back locally without burning it to a disc. If you wish to download video for the sole purpose of burning a DVD, see “Burning Video to a Data DVD via Your PC’s DVD Burner” in chapter 3 instead.

A Data DVD download will include:

- Selected videos
- General information associated with the videos (Officer Name, DVR, Start/End Times, System ID)
- The Chain of Custody Report
- A copy of the Flashback Player.

- 1 To download *one* video, search for and display the desired video.* The Video Details page displays.

– OR –

To download *more than one* video, search for the desired videos.* The Video Search Results page displays.

- 2 Go to the **Action** column and click **Export**. The Select Video(s) for Export page displays.



SELECT VIDEO(S) FOR EXPORT

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Videos							
Page 1 of 3 (14 total records)							
Sys ID	Play	Owner	DVR Name	Category	Duration	Video Start	Notes
4		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	19 min	03/08/2016 16:54	
8		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:32	
2		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:10	
3		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:48	
1		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	
13		*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	

Selected Videos

Owner	DVR Name	Category	Duration	Video Start	Remove
-------	----------	----------	----------	-------------	--------

If you searched for and selected *one* video, that video record displays at the bottom of the page. Skip to step 4. Otherwise proceed to the next step.

- 3 Go to the top of the page and click on each of the videos you wish to download. You can click on any part of the record except the thumbnail image, as that will launch the Flashback Player.

As you select each video, it will appear in the *Selected Videos* list at the bottom of the page.

* If necessary, review “Searching for Videos” on page 18.

SELECT VIDEO(S) FOR EXPORT

mvadmin is logged in. [Logout](#)

Home Menu

Home

Search Video

Media Reader

User Help

Bookmarks

L3 MVI

Online Support

User Preferences

Administration

Action

Export Video(s)

Return to Video

Cancel

Videos							
Page 1 of 3 (14 total records)							
Sys ID	Play	Owner	DVR Name	Category	Duration	Video Start	Notes
4		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	19 min	03/08/2016 16:54	
8		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:32	
2		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:10	
3		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:48	
1		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	
13		*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	

Selected Videos						
Owner	DVR Name	Category	Duration	Video Start	Remove	
*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	✖	
*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	✖	

- Go to the **Action** column and click **Export Video(s)**. The Export Video(s) page displays.

EXPORT VIDEO(S)

mvadmin is logged in. [Logout](#)

Home Menu

Home

Search Video

Media Reader

User Help

Bookmarks

L3 MVI

Online Support

User Preferences

Administration

Action

Save

Return to Detail

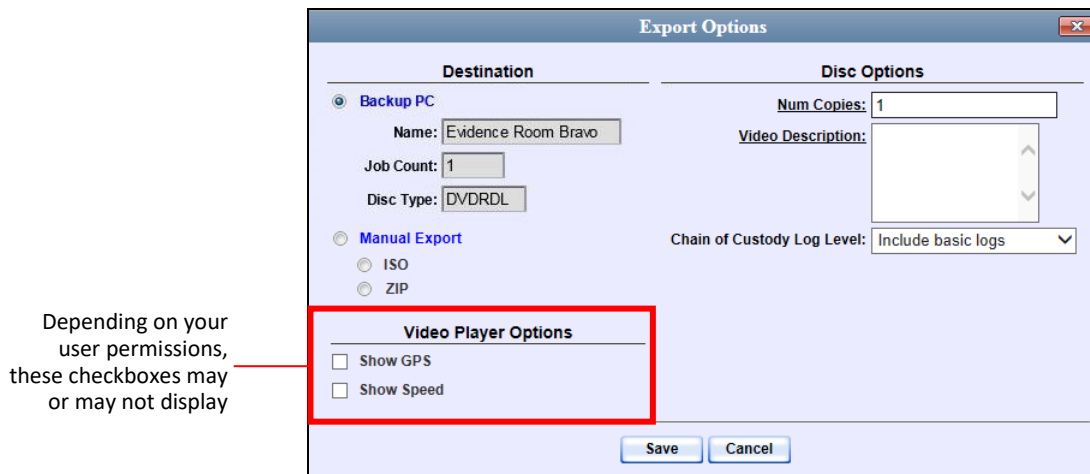
Return to Select

Cancel

Help

Videos						
Page 1 of 1 (2 total records)						
Output Format: Data DVD						
Video	Officer	Category	DVR ID	Duration	Date / Time	
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10	
	ONFBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25	

- If **Data DVD** displays in the *Output Format* field, proceed to the next step.
 – OR –
 If **Data DVD** does *not* display in the *Output Format* field, select it from the drop-down list.
- Go to the **Action** column and click **Save**. The Export Options popup displays.



Depending on your user permissions, these checkboxes may or may not display

- 7 Select **ZIP**.
- 8 Enter a description for this video download in the *Video Description* field.
- 9 If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.
 - OR –
 - If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.
 - OR –
 - If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.



- 10 If a *Video Player Options* section displays in the lower left corner of the Export Options popup (pictured left; will include one or two checkboxes), proceed to the next step. Otherwise skip to step 15.

- 11 If the *Show GPS* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 14.



- 12 If you want this download to include GPS data with the Flashback Player (displays during video playback, as pictured left), select the *Show GPS* checkbox. Otherwise proceed to the next step.

- 13 If the *Show Speed* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 15.



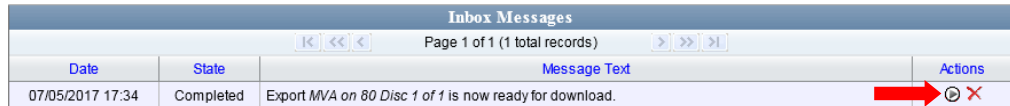
- 14 If you want this download to include vehicle speed data with the Flashback Player (displays in the GPS section during video playback, as pictured left), select the *Show Speed* checkbox. Otherwise proceed to the next step.



* International Association of Chiefs of Police


- 15 Click **Save**. The system begins processing your request. A copy of this request will display on your Home Page under *Sent Messages*.

When processing is complete, a confirmation message will display on your Home Page under *Inbox Messages*.

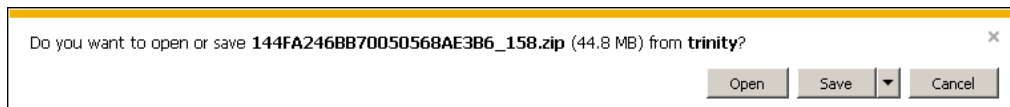
- 16 Go to your *Inbox Messages* and look for a download icon next to the export confirmation message.



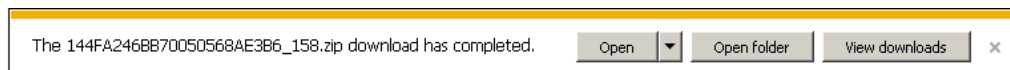
Inbox Messages			
Date	State	Message Text	Actions
07/05/2017 17:34	Completed	Export MVA on 80 Disc 1 of 1 is now ready for download.	 

- ⇒ If you see the download icon, proceed to the next step.
- ⇒ If you do *not* see the download icon, the system is still processing your request. Go to  and click **Home** to refresh your screen. Once you see the download icon, proceed to the next step.

- 17 Click the download icon to the right of the export message. A Windows message displays.



- 18 Select **Save As** from the *Save* drop-down list. The Save As popup displays.
- 19 Navigate to the disk drive location where you wish to store the video file.
- 20 To change the file name, enter a new name in the *File name* field. Otherwise proceed to the next step.
- 21 Click **Save**. The system copies your file to the selected location. When the download is complete, a confirmation message displays.



Downloading Video to Your PC in Interchange Format

This section describes how to download selected videos to your PC in *interchange format*. For more information on this format, see “Interchange Format” in chapter 3.

Perform this procedure if you wish to email video, put it on a USB drive or other device, play it back locally without burning it to a disc, and/or import the video into another software application. If you wish to download video for the sole purpose of burning a DVD, see “Burning Video to an Interchange Format DVD via Your PC’s DVD Burner” in chapter 3 instead.



WARNING: Once a video has been exported in interchange format, its authenticity can no longer be verified. Such video can be edited and tampered with using commercial video editing software.

- 1 To download *one* video, search for and display the desired video.* The Video Details page displays.

– OR –

To download *more than one* video, search for the desired videos.* The Video Search Results page displays.

- 2 Go to the **Action** column and click **Export**. The Select Video(s) for Export page displays.

SELECT VIDEO(S) FOR EXPORT

 mvadmin is logged in. [Logout](#)

Sys ID	Play	Owner	DVR Name	Category	Duration	Video Start	Notes
4		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	19 min	03/08/2016 16:54	
8		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:32	
2		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:10	
3		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:48	
1		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	
13		*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	

Selected Videos

Owner	DVR Name	Category	Duration	Video Start	Remove

If you searched for and selected *one* video, that video record displays at the bottom of the page. Skip to step 4. Otherwise proceed to the next step.

* If necessary, review “Searching for Videos” on page 18.

- Go to the top of the page and click on each of the videos you wish to download. You can click on any part of the record except the thumbnail image, as that will launch the Flashback Player.

As you select each video, it will appear in the *Selected Videos* list at the bottom of the page.



SELECT VIDEO(S) FOR EXPORT

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

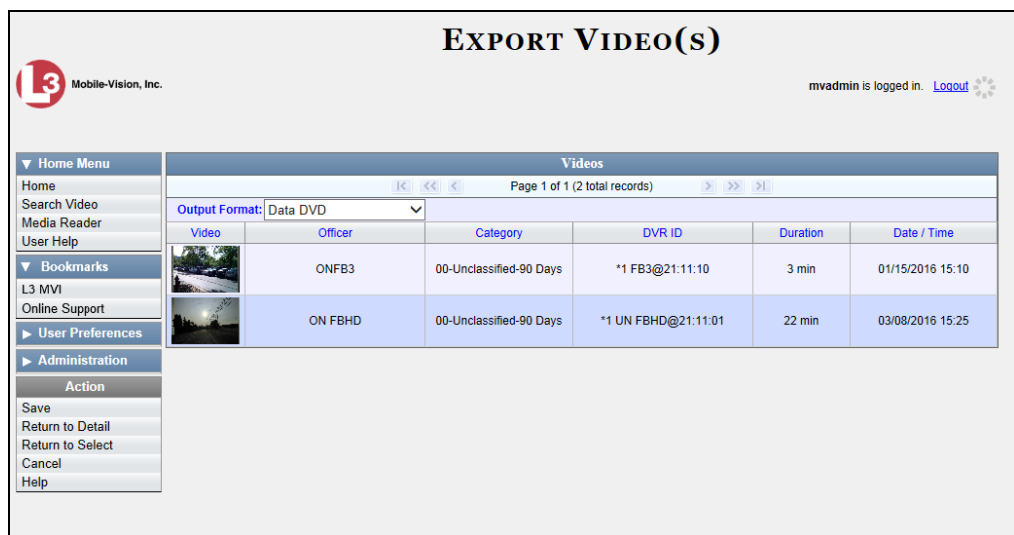
Videos
 Page 1 of 3 (14 total records)

Sys ID	Play	Owner	DVR Name	Category	Duration	Video Start	Notes
4		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	19 min	03/08/2016 16:54	
8		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:32	
2		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:10	
3		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:48	
1		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	
13		*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	

Selected Videos

Owner	DVR Name	Category	Duration	Video Start	Remove
*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	
*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	

- Go to the **Action** column and click **Export Video(s)**. The Export Video(s) page displays.



EXPORT VIDEO(S)

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Videos
 Page 1 of 1 (2 total records)

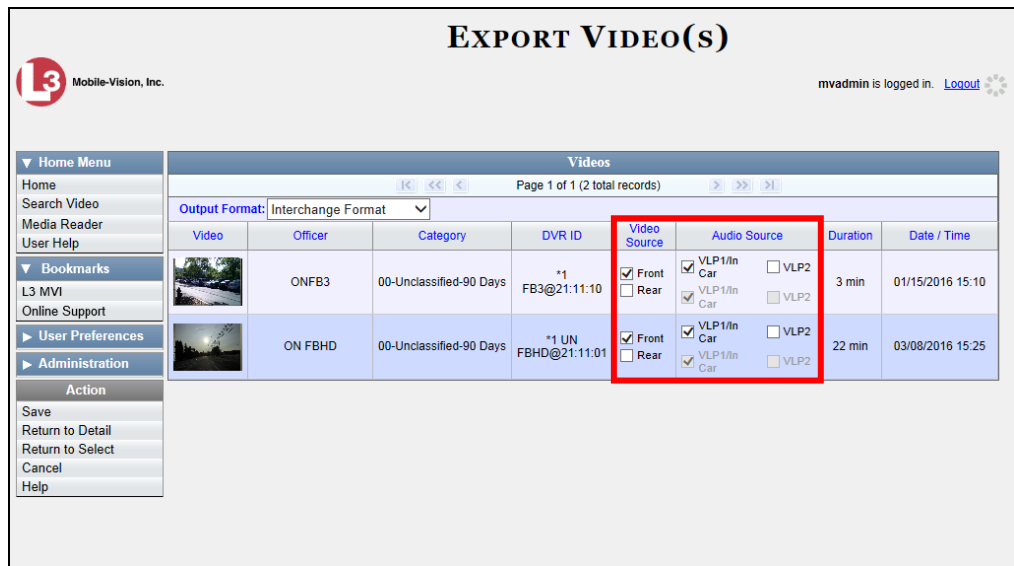
Output Format: Data DVD

Video	Officer	Category	DVR ID	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25

Action

- Save
- Return to Detail
- Return to Select
- Cancel
- Help

- Go to the *Output Format* field and select **Interchange Format** from the drop-down list. Two new columns display: *Video Source* and *Audio Source*.



EXPORT VIDEO(S)

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)



Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration

Action: Save, Return to Detail, Return to Select, Cancel, Help

Video	Officer	Category	DVR ID	Video Source	Audio Source	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	<input checked="" type="checkbox"/> VLP1/In Car <input type="checkbox"/> VLP2	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	<input checked="" type="checkbox"/> VLP1/In Car <input type="checkbox"/> VLP2	22 min	03/08/2016 15:25

- If the word “Camera” displays in the *Video Source* column, proceed to the next step.
– OR –

If two checkboxes display in the *Video Source* column, select the camera views you wish to include for each video, as described below.

Video Source Setting	Description
<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 1 (forward facing zoom camera).
<input type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 2 (Backseat and/or Bullet cameras).
<input checked="" type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy the video that was recorded from <i>both</i> Camera Channel 1 and Camera Channel 2. When you choose this option, the system will burn two separate video files on the DVD that will appear as separate menu items. This doubles your DVD space requirement.

- If the word “Camera” displays in the *Audio Source* column, proceed to the next step.
– OR –

If two checkboxes display in the *Audio Source* column, select the audio source that you wish to include for each video, as described below:

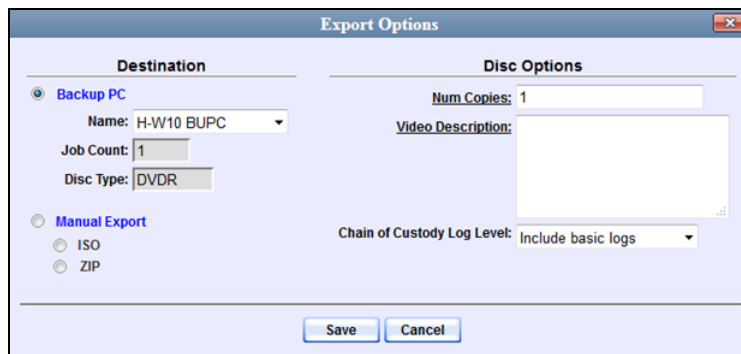
- VLP1/In Car*. The audio from both the wireless microphone that’s connected to your Flashback’s VLP 1 port *and* your in-car microphone (default).

- VLP2.** The audio from the wireless microphone that's connected to your Flashback's VLP 2 port, if applicable.

Note on Audio Playback: If you choose the VLP1/In Car audio setting, you will be able to toggle back and forth between two audio streams: the stream from your first wireless microphone (VLP1) and the stream from your in-car microphone (In-car). On your DVD player, the VLP1 audio stream is available on the left stereo channel, and the In Car audio stream is available on the right stereo channel. You can use the balance controls on your DVD player to switch back and forth between these two streams.

If you choose the VLP2 audio setting, that audio stream will be available on your DVD player's left stereo channel, and the *right* stereo channel will be mute.

- Go to the **Action** column and click **Save**. The Export Options popup displays.

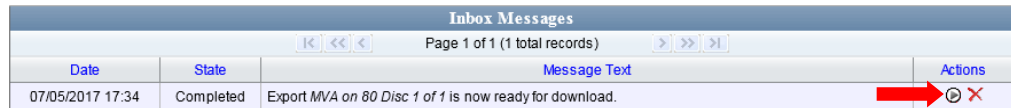




- Select **ZIP**.
- Enter a description for this video download in the *Video Description* field.
- If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.
– OR –
If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.
– OR –
If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.
- Click **Save**. The system begins processing your request. A copy of this request will display on your Home Page under *Sent Messages*.


* International Association of Chiefs of Police

When processing is complete, a confirmation message will display on your Home Page under *Inbox Messages*.

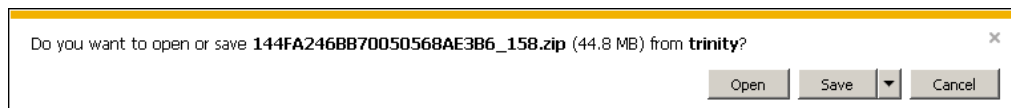
- 13 Go to your *Inbox Messages* and look for a download icon next to the export confirmation message.



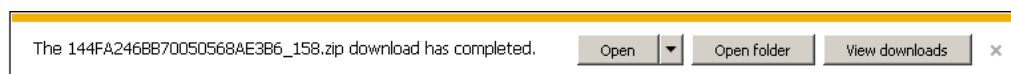
Inbox Messages			
Page 1 of 1 (1 total records)			
Date	State	Message Text	Actions
07/05/2017 17:34	Completed	Export MVA on 80 Disc 1 of 1 is now ready for download.	 

- ⇒ If you see the download icon, proceed to the next step.
- ⇒ If you do *not* see the download icon, the system is still processing your request. Go to  and click **Home** to refresh your screen. Once you see the download icon, proceed to the next step.

- 14 Click the download icon to the right of the export message. A Windows message displays.



- 15 Select **Save As** from the *Save* drop-down list. The Save As window displays.
- 16 Navigate to the disk drive location where you wish to save the video file.
- 17 To change the file name, enter a new name in the *File name* field. Otherwise proceed to the next step.
- 18 Click **Save**. The system copies your file to the selected location. When the download is complete, a confirmation message displays.



Downloading Video to Your PC in Uncompressed Format

This section describes how to download videos to your PC in *Uncompressed Format*. For more information on this format, see “Uncompressed Format” in chapter 3.

Perform this procedure if you wish to email video, put it on a USB drive or other device, play it back locally without burning it to a disc, and/or import the video into another software application. If you wish to download video for the sole purpose of burning a DVD, see “Burning Video to an Uncompressed Format DVD via Your PC’s DVD Burner” in chapter 3 instead.



WARNING: Once a video has been downloaded in uncompressed format and then converted to MP4 and DV files, its authenticity can no longer be verified. Such video can be edited and tampered with using commercial video editing software.

- To download *one* video, search for and display the desired video.* The Video Details page displays.

– OR –

To download *more than one* video, search for the desired videos.* The Video Search Results page displays.

- Go to the **Action** column and click **Export**. The Select Video(s) for Export page displays.



mvadmin is logged in. [Logout](#)

SELECT VIDEO(S) FOR EXPORT

Sys ID	Play	Owner	DVR Name	Category	Duration	Video Start	Notes
4		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	19 min	03/08/2016 16:54	
8		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:32	
2		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:10	
3		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:48	
1		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	
13		*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	

Selected Videos					
Owner	DVR Name	Category	Duration	Video Start	Remove

If you searched for and selected *one* video, that video record displays at the bottom of the page. Skip to step 4. Otherwise proceed to the next step.

* If necessary, review “Searching for Videos” on page 18.

- Go to the top of the page and click on each of the videos you wish to download. You can click on any part of the record except the thumbnail image, as that will launch the Flashback Player.

As you select each video, it will appear in the *Selected Videos* list at the bottom of the page.

SELECT VIDEO(S) FOR EXPORT



mvadmin is logged in. [Logout](#)

Videos							
Page 1 of 3 (14 total records)							
Sys ID	Play	Owner	DVR Name	Category	Duration	Video Start	Notes
4		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	19 min	03/08/2016 16:54	
8		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:32	
2		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:10	
3		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:48	
1		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	
13		*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	

Selected Videos						
Owner	DVR Name	Category	Duration	Video Start	Remove	
*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	✖	
*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	✖	

- Go to the **Action** column and click **Export Video(s)**. The Export Video(s) page displays.

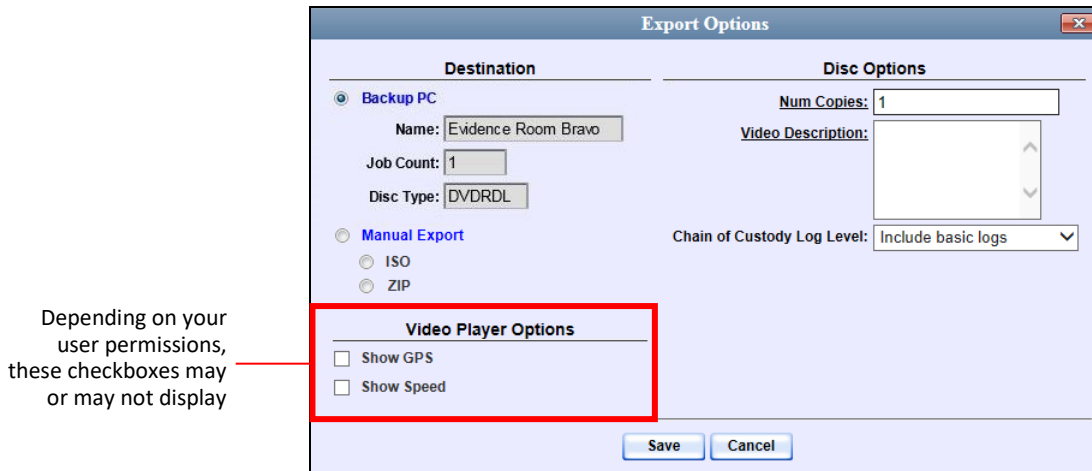
EXPORT VIDEO(S)


mvadmin is logged in. [Logout](#)

Videos						
Page 1 of 1 (2 total records)						
Output Format: Data DVD						
Video	Officer	Category	DVR ID	Duration	Date / Time	
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10	
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25	

Action
[Save](#)
[Return to Detail](#)
[Return to Select](#)
[Cancel](#)
[Help](#)

- 5 Go to the *Output Format* field and select **Uncompressed Format** from the drop-down list.
- 6 Go to the **Action** column and click **Save**. The Export Options popup displays.



- 7 Select **ZIP**.
- 8 Enter a description for this video download in the *Video Description* field.
- 9 If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.
– OR –
If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.
– OR –
If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.
- 10 If a *Video Player Options* section displays in the lower left corner of the Export Options popup (pictured left; will include one or two checkboxes), proceed to the next step. Otherwise skip to step 15.
- 11 If the *Show GPS* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 14.
- 12 If you want this download to include GPS data with the Flashback Player (displays during video playback, as pictured left), select the *Show GPS* checkbox. Otherwise proceed to the next step.

Latitude	40.8578
Longitude	-74.7090
Heading	59° - NEbE

* International Association of Chiefs of Police

13 If the *Show Speed* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 15.




14 If you want this download to include vehicle speed data with the Flashback Player (displays in the GPS section during video playback, as pictured left), select the *Show Speed* checkbox. Otherwise proceed to the next step.

15 Click **Save**. The system begins processing your request. A copy of this request will display on your Home Page under *Sent Messages*.


When processing is complete, a confirmation message will display on your Home Page under *Inbox Messages*.


16 Go to your *Inbox Messages* and look for a download icon next to the export confirmation message.

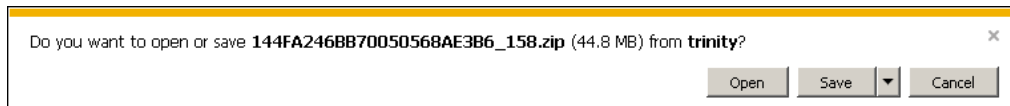
Inbox Messages			
Date	State	Message Text	Actions
07/05/2017 17:34	Completed	Export MVA on 80 Disc 1 of 1 is now ready for download.	

⇒ If you see the download icon, proceed to the next step.

⇒ If you do *not* see the download icon, the system is still processing your request.

Go to  and click **Home** to refresh your screen. Once you see the download icon, proceed to the next step.

 **17** Click the download icon to the right of the export message. A Windows message displays.

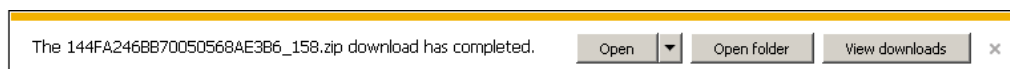


18 Select **Save As** from the *Save* drop-down list. The Save As window displays.

19 Navigate to the disk drive location where you wish to store the video file.

20 To change the file name, enter a new name in the *File name* field. Otherwise proceed to the next step.

21 Click **Save**. The system copies your file to the selected location. When the download is complete, a confirmation message displays.



Downloading Video to Your PC in FOIA Redacted Format

This section describes how to download selected videos to your PC in *FOIA Redacted* format. For more information on this format, see “FOIA Redacted Format” in chapter 3.



WARNING: Once a video has been exported in FOIC redacted format, its authenticity can no longer be verified. Such video can be edited and tampered with using commercial video editing software.

- To download *one* video, search for and display the desired video.* The Video Details page displays.
 – OR –
 To download *more than one* video, search for the desired videos.* The Video Search Results page displays.
- Go to the **Action** column and click **Export**. The Select Video(s) for Export page displays.

SELECT VIDEO(S) FOR EXPORT

 mvadmin is logged in. [Logout](#)

Sys ID	Play	Owner	DVR Name	Category	Duration	Video Start	Notes
4		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	19 min	03/08/2016 16:54	
8		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:32	
2		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:10	
3		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:48	
1		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	
13		*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	

Selected Videos

Owner	DVR Name	Category	Duration	Video Start	Remove

If you searched for and selected *one* video, that video record displays at the bottom of the page. Skip to step 4. Otherwise proceed to the next step.

- Go to the top of the page and click on each of the videos you wish to include in this download. You can click on any part of the record except the thumbnail image, as that will launch the Flashback Player.

* If necessary, review “Searching for Videos” in chapter 2.

As you select each video, it will appear in the *Selected Videos* list at the bottom of the page.



SELECT VIDEO(S) FOR EXPORT

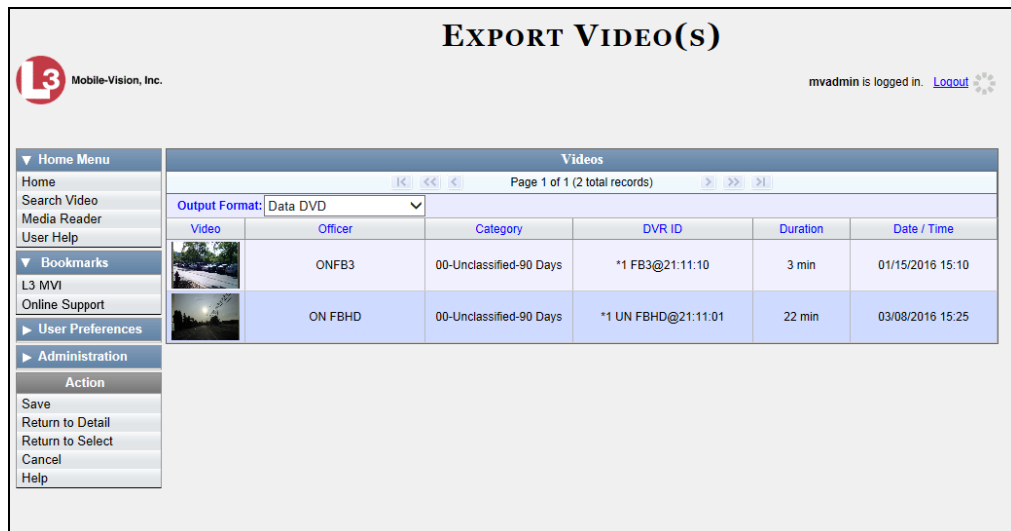
Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help, Bookmarks, User Preferences, Administration, Action, Export Video(s), Return to Video, Cancel

Sys ID	Play	Owner	DVR Name	Category	Duration	Video Start	Notes
4		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	19 min	03/08/2016 16:54	
8		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:32	
2		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:10	
3		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:48	
1		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	
13		*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	

Owner	DVR Name	Category	Duration	Video Start	Remove
*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	
*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	

- Go to the **Action** column and click **Export Video(s)**. The Export Video(s) page displays.



EXPORT VIDEO(S)

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help, Bookmarks, User Preferences, Administration, Action, Save, Return to Detail, Return to Select, Cancel, Help

Output Format: Data DVD

Video	Officer	Category	DVR ID	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25

- Go to the *Output Format* field and select **FOIA Redacted Format** from the drop-down list. Three new columns display: *Video Source*, *Audio Source*, and *Redaction*.

EXPORT VIDEO(S)

 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu		Videos								
Home		Page 1 of 1 (2 total records)								
Search Video		Output Format: FOIA Redaction Format								
Media Reader		Video	Officer	Category	DVR ID	Video Source	Audio Source	Redaction	Duration	Date / Time
User Help			ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	<input checked="" type="checkbox"/> VLP1 <input type="checkbox"/> VLP2 <input type="checkbox"/> In Car <input checked="" type="checkbox"/> VLP1 <input type="checkbox"/> VLP2 <input type="checkbox"/> In Car	Front Rear	3 min	01/15/2016 15:10
Bookmarks			ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	<input checked="" type="checkbox"/> VLP1 <input type="checkbox"/> VLP2 <input type="checkbox"/> In Car <input checked="" type="checkbox"/> VLP1 <input type="checkbox"/> VLP2 <input type="checkbox"/> In Car	Front Rear	22 min	03/08/2016 15:25
L3 MVI		Action								
Online Support		Save								
User Preferences		Return to Detail								
Administration		Return to Select								
		Cancel								
		Help								

- 6 If the word “Camera” displays in the *Video Source* column, proceed to the next step.
 – OR –

If two checkboxes display in the *Video Source* column, select the camera views you wish to include for each video, as described below.

Video Source Setting	Description
<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 1 (forward facing zoom camera).
<input type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 2 (Backseat and/or Bullet cameras).
<input checked="" type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy the video that was recorded from <i>both</i> Camera Channel 1 and Camera Channel 2.

- 7 To include at least one audio track with this export, proceed to the next step.
 – OR –

To include *no* audio tracks with this export (i.e., omit all audio), deselect the VLP1 checkbox. Skip to step 9.

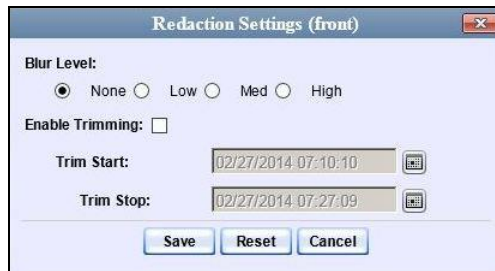
- 8 If the word “Camera” displays in the *Audio Source* column, proceed to the next step.
 – OR –

If two checkboxes display in the *Audio Source* column, select the audio sources that you wish to include for each video. You may select up to two sources for each video. These audio tracks will play concurrently when watching the video.




- VLP1*. The audio from the wireless microphone that’s connected to your Flashback’s VLP 1 port (default)

- VLP2.** The audio from the wireless microphone that's connected to your Flashback's VLP 2 port, if applicable
 - In Car.** The audio from your in-car microphone.
- 9 Go to the *Redaction* column and click on one of the following buttons:
- Camera.** Redact the video from a Body Worn camera.
 - Front.** Redact the video from a Flashback's Camera Channel 1. For in-car systems, this is the video captured with your forward facing zoom camera.
 - Rear.** Redact the video from a Flashback's Camera Channel 2. For in-car systems, this is the video captured with your backseat camera and/or bullet cameras.

The Redaction Settings popup displays.



The Redaction settings are described below.

Redaction Settings	
Setting	Description
Blur Level	<p>The degree to which you wish to blur the video or video segment you are exporting. By default, the system does not blur the video at all (Blur Level = <i>None</i>). However, if you select any of the other settings (<i>Low</i>, <i>Med</i>, or <i>High</i>), the system will blur every frame of the video or video segment.</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <div style="display: flex; justify-content: space-around; align-items: center;"> Low Medium High </div>
Enable Trimming	<p>A checkbox used to indicate whether you wish to export <i>all</i> of the video or a selected <i>segment</i> of the video.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Export the entire full-length video <input checked="" type="checkbox"/> Export a segment of the full-length video <p>If you select Enable Trimming, you will have to select a date/time range using the <i>Trim Start</i> and <i>Trim Stop</i> fields described on the next page.</p>

Redaction Settings (cont'd)	
Setting	Description
Trim Start	The beginning of the date/time range you wish to excerpt from the original full-length video. <i>Use the calendar popup to select this date/time.</i>
Trim Stop	The end of the date/time range you wish to excerpt from the original full-length video. <i>Use the calendar popup to select this date/time.</i>

- 10 To blur the entire video or video segment, proceed to the next step. Otherwise skip to step 12.
- 11 Select a *Blur Level*: **Low**, **Med**, or **High** (see samples in the table on the previous page).
- 12 To export a *segment* of the original full-length video, proceed to the next step.
 – OR –
 To export the entire full-length video, skip to step 16.
- 13 Select the *Enable Trimming* checkbox.
- 14 Proceed to the *Trim Start* field. Using the calendar popup, select the beginning of the video date/time range you wish to export.
- 15 Proceed to the *Trim Stop* field. Using the calendar popup, select the end of the video date/time range you wish to export.
- 16 Click **Save**.
- 17 To redact other videos that are included with this download, repeat steps 9 – 16. Otherwise proceed to the next step.
- 18 Go to the **Action** column and click **Save**. The Export Options popup displays.

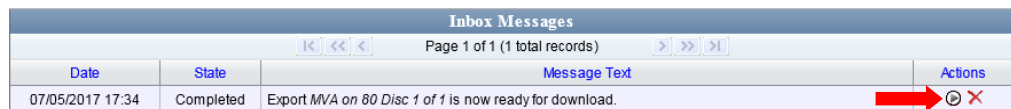




You have two file options: an **ISO** file or a **ZIP** file. If you are exporting this data for the *sole purpose* of burning a DVD, select **ISO**. Otherwise select **ZIP**, which will copy your videos and any metadata to a folder first.


- 19** To download this video as an ISO file (default), proceed to the next step.
- OR –
- To download this video as a *zip* file, select **ZIP**.
- 20** Enter a description for this video in the *Video Description* field.
- 21** If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.
- OR –
- If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.
- OR –
- If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.
- 22** Click **Save**. The system begins processing your request. A copy of this request will display on your Home Page under *Sent Messages*.


When processing is complete, a confirmation message will display on your Home Page under *Inbox Messages*.

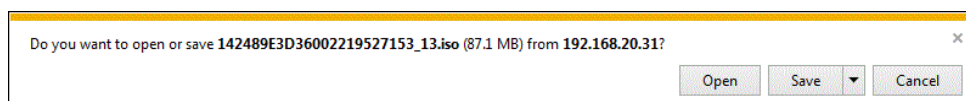
- 23** Go to your *Inbox Messages* and look for a download icon next to the export confirmation message.



Inbox Messages			
Date	State	Message Text	Actions
07/05/2017 17:34	Completed	Export MVA on 80 Disc 1 of 1 is now ready for download.	 

- ⇒ If you see the download icon, proceed to the next step.
- ⇒ If you do *not* see the download icon, the system is still processing your request. Go to  and click **Home** to refresh your screen. Once you see the download icon, proceed to the next step.

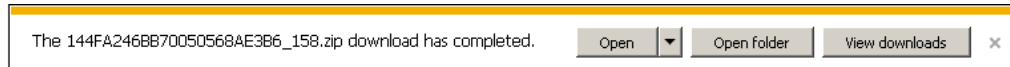
-  **24** Click the download icon to the right of the export message. A Windows message displays.



- 25** Select **Save as** from the *Save* drop-down list. The Save As window displays.
- 26** Navigate to the disk drive location where you wish to save the video.

* International Association of Chiefs of Police

- 27 To change the file name, enter a new name in the *File name* field. Otherwise proceed to the next step.
- 28 Click **Save**. The system copies your files to the selected location. When the download is complete, a confirmation message displays:



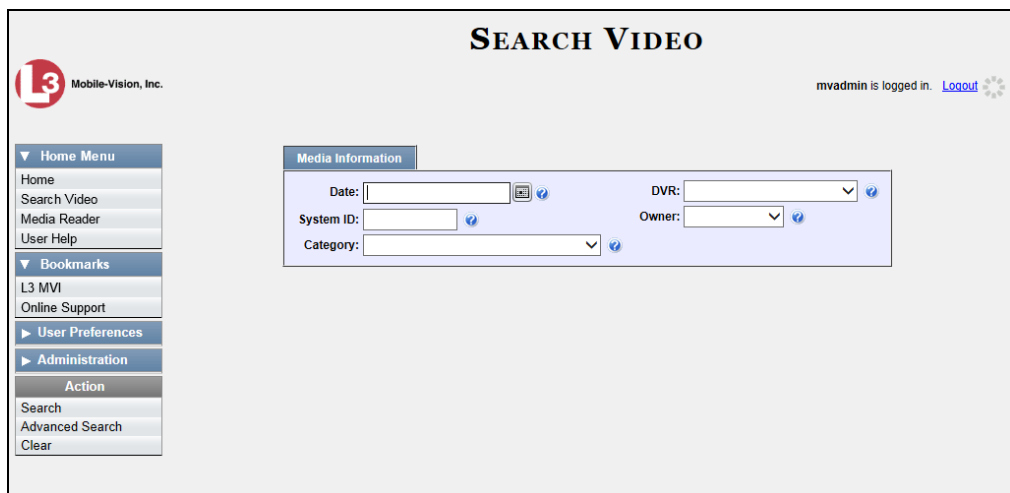
Exporting a Snapshot

This section describes how to export a Body Worn still image or “snapshot” to a PDF file.

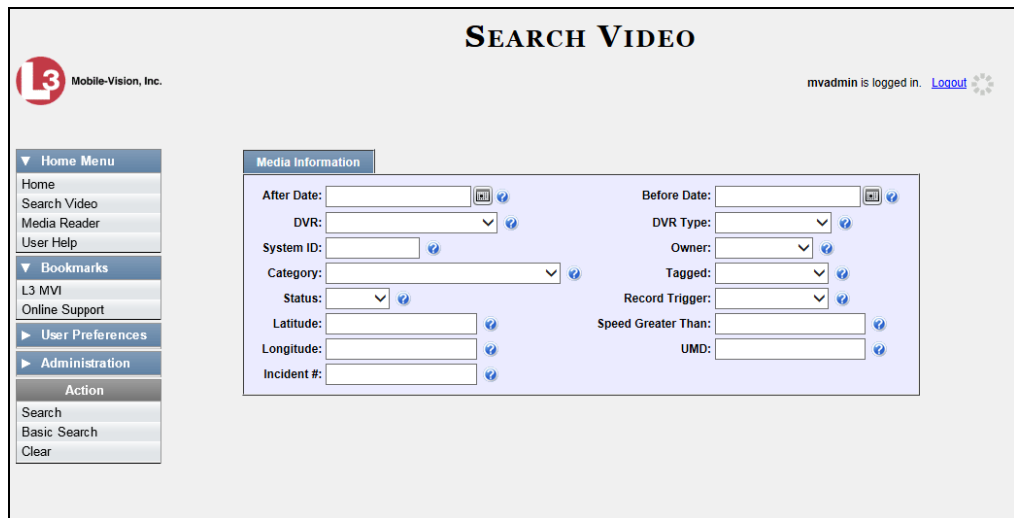
What’s the difference between a ‘snapshot’ and a ‘video frame’? *Snapshots* are still images that are captured from a *BodyVISION* or *BWX-100* camera while a recording is in progress. They upload to the server PC as separate files (that is, separate from the video from which they were captured). Snapshots are similar to videos in that they can be searched on, notated with video notations, assigned user metadata, and/or exported to DVD or other media. *Video frames* are also still images, but they are excerpted from a video *after* that video is already on the server PC. Unlike snapshots, video frames are not treated like videos in the system. They are stand-alone files that are separate and apart from DEV.

If you prefer to export a Body Worn snapshot to a JPG file, see “Downloading Video Files to Your PC” on page 91 instead.

- 1 Go to  and click **Search Video**. The Search Video page displays.



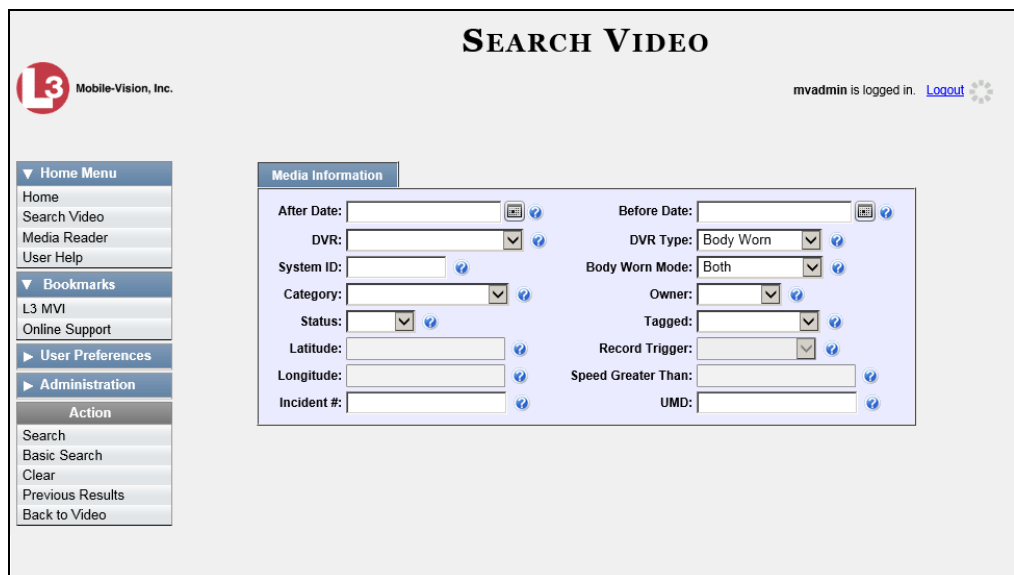
- Go to the **Action** column and click **Advanced Search**.



The screenshot shows the 'SEARCH VIDEO' interface. On the left is a navigation menu with categories: Home Menu, Bookmarks, User Preferences, and Administration. The 'Action' menu is expanded, showing 'Search', 'Basic Search', and 'Clear'. The main area contains a 'Media Information' search form with the following fields:

- After Date: [text input]
- Before Date: [text input]
- DVR: [dropdown menu]
- DVR Type: [dropdown menu]
- System ID: [text input]
- Owner: [dropdown menu]
- Category: [dropdown menu]
- Tagged: [checkbox]
- Status: [dropdown menu]
- Record Trigger: [checkbox]
- Latitude: [text input]
- Speed Greater Than: [text input]
- Longitude: [text input]
- UMD: [text input]
- Incident #: [text input]

- Select **Body Worn** from the *DVR Type* drop-down list. The *Body Worn Mode* field displays.




This screenshot shows the same 'SEARCH VIDEO' interface as the previous one, but with the 'DVR Type' dropdown menu set to 'Body Worn'. Consequently, a 'Body Worn Mode' dropdown menu has appeared, currently set to 'Both'. The navigation menu on the left is also updated, showing 'Search', 'Basic Search', 'Clear', 'Previous Results', and 'Back to Video'.

- Select **Snapshots Only** from the *Body Worn Mode* drop-down list.
- If desired, enter/select additional search criteria.
- Go to the **Action** column and click **Search**. All Body Worn snapshot files that match your selection criteria display on the Video Search Results page.

BodyVISION and
BWX-100 snapshots
display the word
"Image" in this
column

VIDEO SEARCH RESULTS


mvadmin is logged in. [Logout](#)

Home Menu		Videos							
Home		Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
Search Video				No Name	BW-407	Image	Body Worn	10/20/2016 16:16	
Media Reader				No Name	BW-407	Image	Body Worn	10/20/2016 16:16	
User Help				No Name	BW-407	Image	Body Worn	10/20/2016 16:15	
Bookmarks				No Name	BW-407	Image	Body Worn	10/20/2016 16:15	
L3 MVI				No Name	BW-407	Image	Body Worn	10/20/2016 16:15	
Online Support				No Name	BW-407	Image	Body Worn	10/20/2016 16:15	
User Preferences				No Name	BW-407	Image	Body Worn	10/20/2016 16:15	
Administration				No Name	BW-407	Image	Body Worn	10/20/2016 16:15	
Action				No Name	BW-407	Image	Body Worn	10/20/2016 16:15	
New Search				No Name	BW-407	Image	Body Worn	10/20/2016 16:15	
Export				No Name	BW-407	Image	Body Worn	10/20/2016 16:15	

7 If the snapshot you wish to export displays on this page, proceed to the next step.


– OR –

If the snapshot you wish to export does *not* display on this page, use the navigation arrows to scroll through the results list.

 8 Click on the snapshot's Details icon. The Snapshot Details page displays.

SNAPSHOT DETAILS

mvadmin is logged in. [Logout](#)

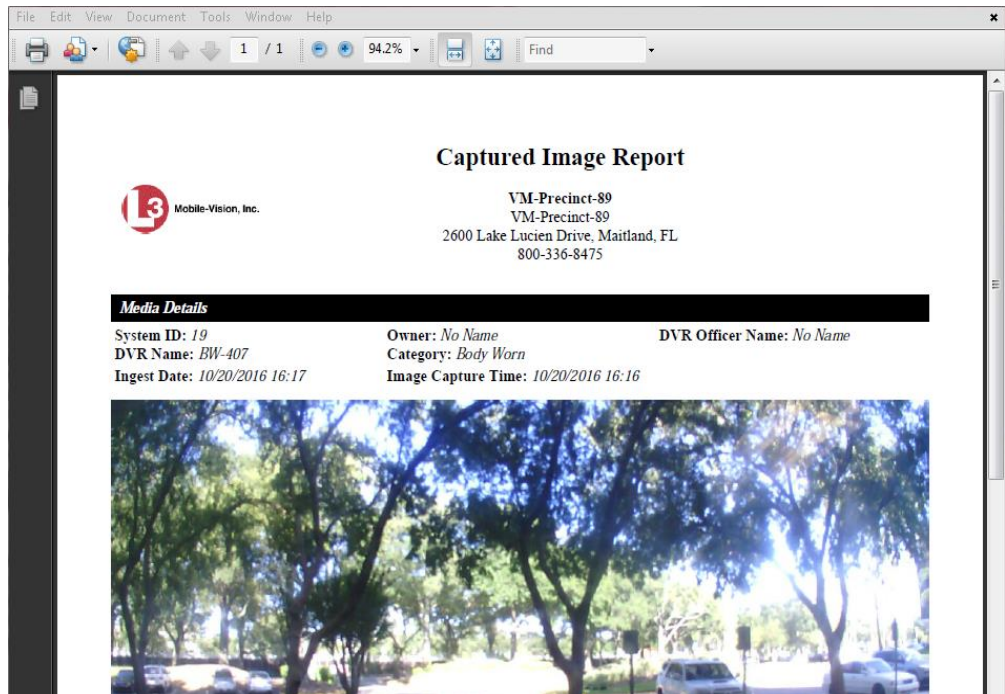
Home Menu		Status: Online		Snapshot Logs	UMD	
Home			System ID:	<input type="text" value="242"/>	Incident #:	<input type="text"/>
Search Video			Owner:	<input type="text" value="Officer Vian"/>	Ingest Date:	<input type="text" value="11/02/2015 11:24"/>
Media Reader			DVR Officer Name:	<input type="text" value="No Name"/>	Record Trigger:	<input type="text" value="Manual Record"/>
User Help			DVR Name:	<input type="text" value="Maitland BV Unit"/>	Capture Date:	<input type="text" value="11/02/2015 10:33"/>
Bookmarks			DVR Type:	<input type="text" value="Body Worn"/>	Video Notation(s):	
L3 MVI			Category:	<input type="text" value="Body Worn"/>		
Online Support						
User Preferences						
Administration						
Action						
Play						
Edit						
Tag Video						
Export						
Chain of Custody						
Export Image to PDF						
Previous Results						

(Continued)

- Go to the **Action** column and click **Export Image to PDF**. A Windows message displays.



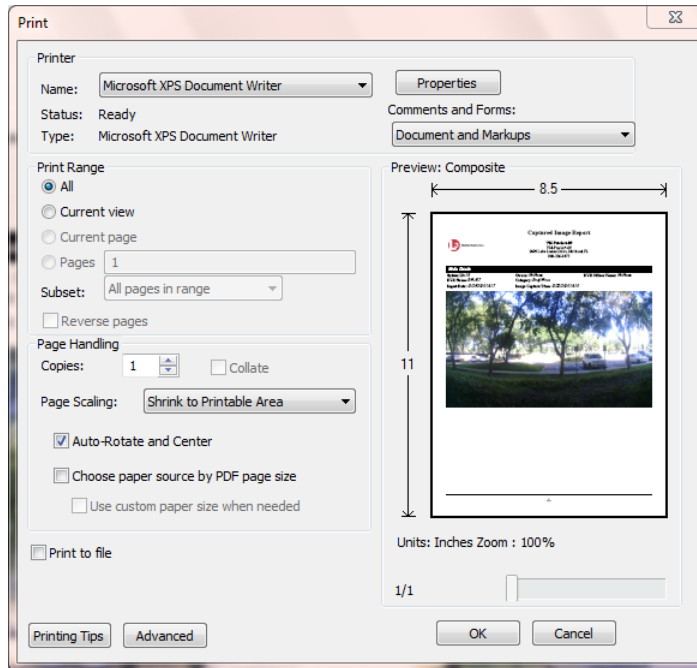
- Click **Open**. The Captured Image Report displays.




- To print this report, proceed to the next step. Otherwise skip to step 14.



- Go to the Acrobat menu bar and click the Printer icon. The Print popup displays.



- 13 Select your desired printer settings, then click **OK** or **Print**. The report is directed to your active printer.
- 14 When you are finished viewing/printing the report, click the  in the upper right corner of the page to exit Adobe Reader.

Viewing a Video's Logs

This section describes how to view a video's logs. The video logs show *who* performed various actions on a video and *when*. In some instances, it also records the reason for an action, such as why a video was uploaded from a flashcard.

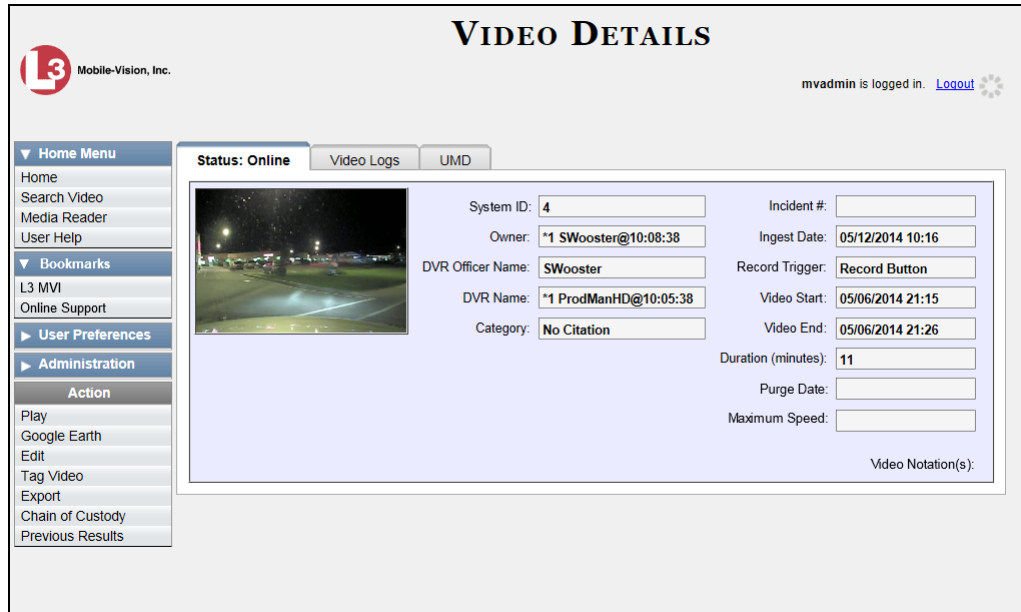
The video logs can, for example, answer these questions:

- Who played this video, and when?
- When was this video uploaded from the DVR unit?
- Who requested an export of this video, and when?
- Who manually uploaded this video from a flashcard, when, and why?
- Who was this video reassigned to?
- Who made the reassignment, and when?

For instructions on viewing the logs for a *BodyVISION* or *BWX-100* snapshot, see the next section, "Viewing a Snapshot's Logs."

- 1 Search for and display the video you wish to view logs for. (If necessary, review "Displaying a Video" on page 30.)

The Video Details page displays.



VIDEO DETAILS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Status: Online | Video Logs | UMD

System ID: 4 **Incident #:**

Owner: *1 SWooster@10:08:38 **Ingest Date:** 05/12/2014 10:16

DVR Officer Name: SWooster **Record Trigger:** Record Button

DVR Name: *1 ProdManHD@10:05:38 **Video Start:** 05/06/2014 21:15

Category: No Citation **Video End:** 05/06/2014 21:26

Duration (minutes): 11

Purge Date:

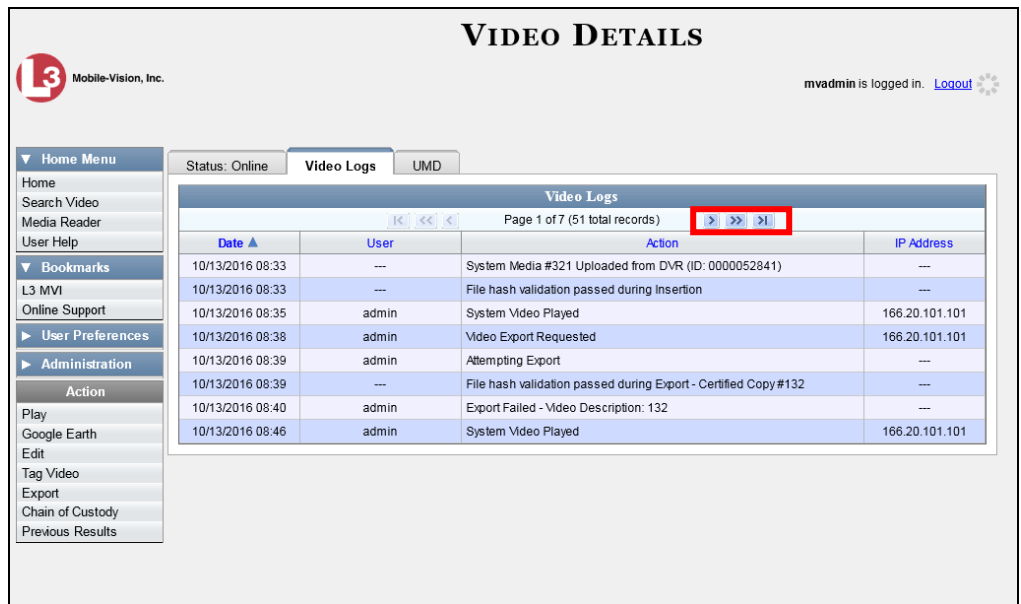
Maximum Speed:

Video Notation(s):

Navigation Menu:

- Home Menu
 - Home
 - Search Video
 - Media Reader
 - User Help
- Bookmarks
 - L3 MVI
 - Online Support
- User Preferences
- Administration
 - Action
 - Play
 - Google Earth
 - Edit
 - Tag Video
 - Export
 - Chain of Custody
 - Previous Results

- Click the **Video Logs** tab. The video's log records display. If necessary, use the navigation arrows at the top of the page to scroll through the list.



VIDEO DETAILS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Status: Online | **Video Logs** | UMD

Video Logs

Page 1 of 7 (51 total records) < << >> >

Date ▲	User	Action	IP Address
10/13/2016 08:33	---	System Media #321 Uploaded from DVR (ID: 0000052841)	---
10/13/2016 08:33	---	File hash validation passed during Insertion	---
10/13/2016 08:35	admin	System Video Played	166.20.101.101
10/13/2016 08:38	admin	Video Export Requested	166.20.101.101
10/13/2016 08:39	admin	Attempting Export	---
10/13/2016 08:39	---	File hash validation passed during Export - Certified Copy #132	---
10/13/2016 08:40	admin	Export Failed - Video Description: 132	---
10/13/2016 08:46	admin	System Video Played	166.20.101.101

Navigation Menu:

- Home Menu
 - Home
 - Search Video
 - Media Reader
 - User Help
- Bookmarks
 - L3 MVI
 - Online Support
- User Preferences
- Administration
 - Action
 - Play
 - Google Earth
 - Edit
 - Tag Video
 - Export
 - Chain of Custody
 - Previous Results

The columns on this tab are described in the following table.

Video Logs	
Column	Description
Date	The date and time at which the action was performed on this video. Displays in mm/dd/yyyy hh:mm format.
User	The name of the user who performed the action. If this column is blank, it indicates that the <i>system</i> performed the action.
Action	A description of the action performed on this video.
IP Address	The IP address of the device from which the activity was executed. For example, if an officer played the video on a PC with an IP address of 192.168.250.10, that number will display here.

Viewing a Snapshot's Logs

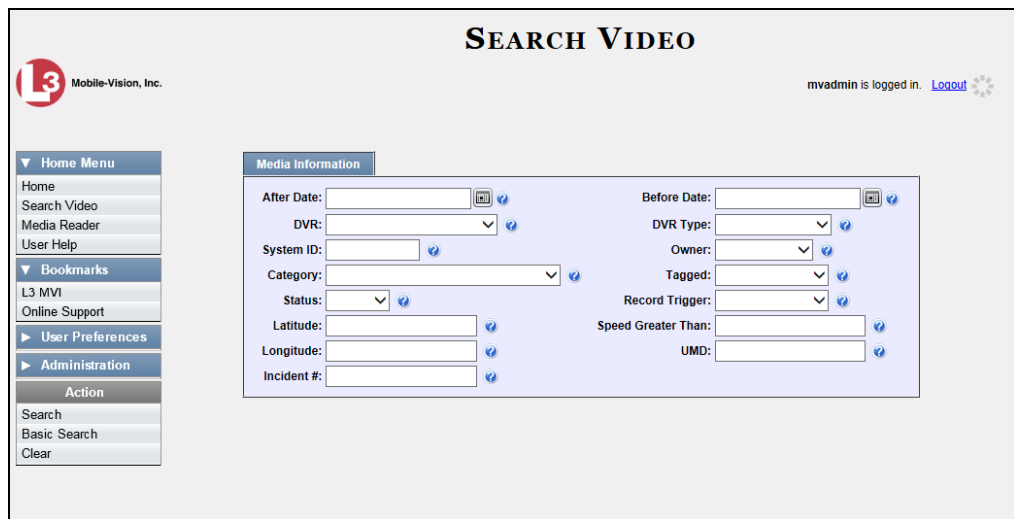
This section describes how to view the activity logs for a *BodyVISION* or *BWX-100* still image, referred to as a *snapshot*. The snapshot log lists the following information:

- The date/time at which the snapshot was uploaded to the server PC
- The users who have viewed the source video (i.e., the video from which the snapshot was excerpted), and the date/time at which they did so.

- 1 Go to **Home Menu** and click **Search Video**. The Search Video page displays.

- 2 Go to the **Action** column and click **Advanced Search**.

(Continued)



SEARCH VIDEO

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

- Home Menu
 - Home
 - Search Video
 - Media Reader
 - User Help
- Bookmarks
 - L3 MVI
 - Online Support
- User Preferences
- Administration
 - Action
 - Search
 - Basic Search
 - Clear

Media Information

After Date: Before Date:

DVR: DVR Type:

System ID: Owner:

Category: Tagged:

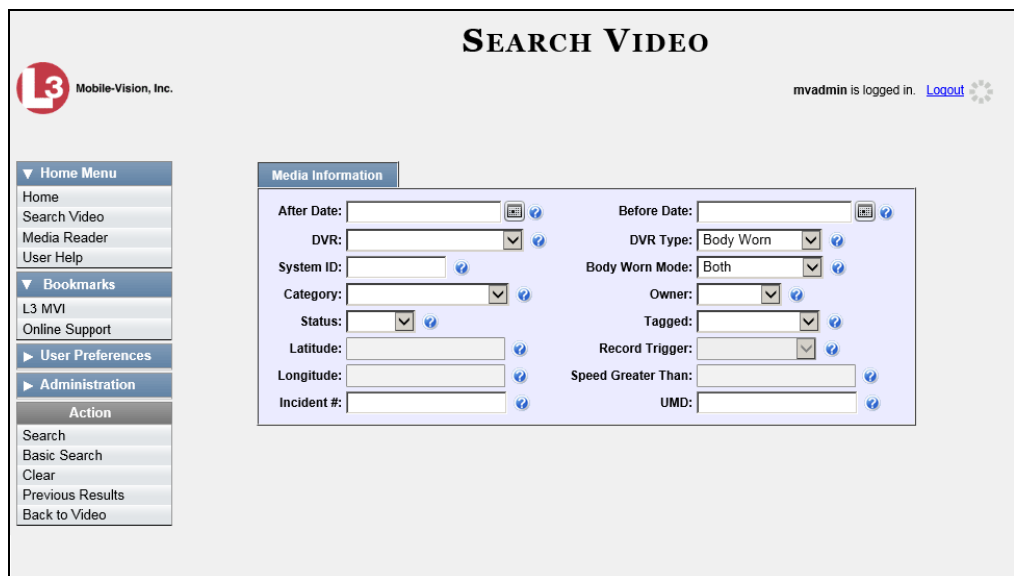
Status: Record Trigger:

Latitude: Speed Greater Than:

Longitude: UMD:

Incident #:

- 3 Select **Body Worn** from the *DVR Type* drop-down list. The *Body Worn Mode* field displays.



SEARCH VIDEO

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

- Home Menu
 - Home
 - Search Video
 - Media Reader
 - User Help
- Bookmarks
 - L3 MVI
 - Online Support
- User Preferences
- Administration
 - Action
 - Search
 - Basic Search
 - Clear
 - Previous Results
 - Back to Video

Media Information

After Date: Before Date:

DVR: DVR Type: **Body Worn**

System ID: Body Worn Mode: **Both**

Category: Owner:

Status: Tagged:

Latitude: Record Trigger:

Longitude: Speed Greater Than:
















Incident #: UMD:

- 4 Select **Snapshots Only** from the *Body Worn Mode* drop-down list.
- 5 If desired, enter/select additional search criteria.
- 6 Go to the **Action** column and click **Search**. All Body Worn snapshot files that match your selection criteria display on the Video Search Results page.

BodyVISION snapshots display the word "image" in this column

VIDEO SEARCH RESULTS


Sergeant Zalewski is logged in. [Logout](#)

Home Menu		Videos							
Home		Page 1 of 1 (5 total records)							
Search Video		Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
Media Reader				Sergeant Zalewski	BW-101	Image	Body Worn	08/10/2016 11:09	
User Help				*1 o@11:25:41	BW-101	Image	Body Worn	08/10/2016 11:08	
Bookmarks				*1 o@11:25:41	BW-101	Image	Body Worn	08/10/2016 11:08	
L3 MVI				*1 o@11:25:41	BW-101	Image	Body Worn	08/10/2016 11:07	
Online Support				*1 o@11:25:41	BW-101	Image	Body Worn	08/10/2016 11:07	

7 If the snapshot you wish to export displays on this page, proceed to the next step.


– OR –

If the snapshot you wish to export does *not* display on this page, use the navigation arrows to scroll through the results list.

 8 Click on the snapshot's Details icon. The Snapshot Details page displays.


SNAPSHOT DETAILS

mvadmin is logged in. [Logout](#)

Home Menu		Status: Online		Snapshot Logs	UMD
Home				System ID: <input type="text" value="242"/>	Incident #: <input type="text"/>
Search Video				Owner: <input type="text" value="Officer Vian"/>	Ingest Date: <input type="text" value="11/02/2015 11:24"/>
Media Reader				DVR Officer Name: <input type="text" value="No Name"/>	Record Trigger: <input type="text" value="Manual Record"/>
User Help				DVR Name: <input type="text" value="Maitland BV Unit"/>	Capture Date: <input type="text" value="11/02/2015 10:33"/>
Bookmarks				DVR Type: <input type="text" value="Body Worn"/>	
L3 MVI				Category: <input type="text" value="Body Worn"/>	
Online Support				Video Notation(s):	
User Preferences					
Administration					
Action					
Play					
Edit					
Tag Video					
Export					
Chain of Custody					
Export Image to PDF					
Previous Results					

9 Click the **Snapshot Logs** tab. The snapshot's log records display. If necessary, use the navigation arrows at the top of the page to scroll through the list.

SNAPSHOT DETAILS


Sergeant Zalewski is logged in. [Logout](#)

- ▼ Home Menu
- Home
- Search Video
- Media Reader
- User Help
- ▼ Bookmarks
- L3 MVI
- Online Support
- ▶ User Preferences
- ▶ Administration
- Action
- Play
- Edit
- Tag Video
- Chain of Custody
- Previous Results

Status: Online
Snapshot Logs
UMD

Video Logs

Page 1 of 1 (4 total records)

Date ▲	User	Action	IP Address
08/10/2016 11:25	---	System Media #22 Uploaded from DVR (ID: 1111510573)	---
08/10/2016 15:45	Sergeant Zalewski	System Snapshot Viewed	166.20.100.160
08/10/2016 15:48	Sergeant Zalewski	System Snapshot Viewed	166.20.100.160
08/15/2016 15:08	mvadmin	System Snapshot Viewed	166.20.100.160

The columns on this tab are described below.

Snapshot Logs	
Column	Description
Date	The date and time at which the action was performed on this snapshot or source video. Displays in mm/dd/yyyy hh:mm format.
User	The name of the user who performed the action. If this column is blank, it indicates that the <i>system</i> performed this action.
Action	A description of the action performed on this snapshot or source video.
IP Address	The IP address of the device from which the activity was executed. For example, if an officer played the source video on a PC with an IP address of 166.20.100.160, that number will display here.

Page | 120

DEV Administrator's Guide
Safe Fleet Mobile-Vision • 7.30.2019

Reassigning Video to a Different Officer

Periodically, you may need to reassign a video to a different officer. The procedures for reassigning single vs. multiple videos are slightly different. Proceed to the appropriate section for further instructions:

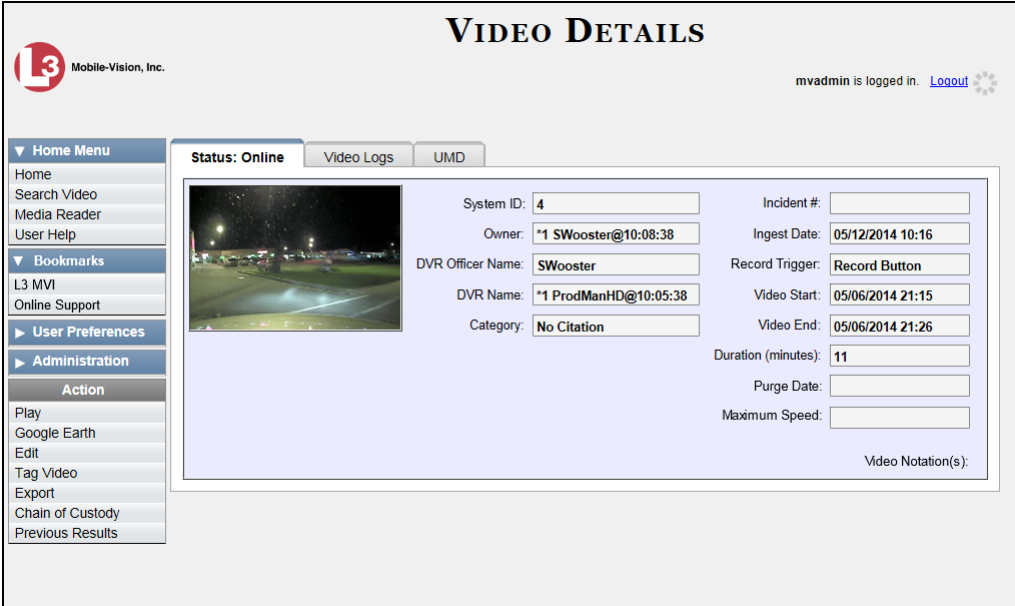
- Reassigning One Video to a Different Officer, below
- Reassigning Multiple Videos to a Different Officer, page 123.

Reassigning One Video to a Different Officer

This section describes how to reassign a single video to a different officer.

- 1 Search for and display the video you wish to reassign. (If necessary, review “Displaying a Video” on page 30.)

The Video Details page displays.



The screenshot shows the 'VIDEO DETAILS' page. On the left is a navigation menu with sections: Home Menu (Home, Search Video, Media Reader, User Help), Bookmarks (L3 MVI, Online Support), User Preferences, Administration, and Action (Play, Google Earth, Edit, Tag Video, Export, Chain of Custody, Previous Results). The main content area has tabs for 'Status: Online', 'Video Logs', and 'UMD'. Below the tabs is a video thumbnail and a form with the following fields:

System ID:	4	Incident #:	
Owner:	*1 SWooster@10:08:38	Ingest Date:	05/12/2014 10:16
DVR Officer Name:	SWooster	Record Trigger:	Record Button
DVR Name:	*1 ProdManHD@10:05:38	Video Start:	05/06/2014 21:15
Category:	No Citation	Video End:	05/06/2014 21:26
Duration (minutes):	11	Purge Date:	
Maximum Speed:		Video Notation(s):	

For a description of the fields on the Video Details page, see the table on page 32.

- 2 Go to the **Action** column and click **Edit**. The Edit Video popup displays.

(Continued)



Edit Video

Category: No Citation

Currently Belongs to Officer: SWooster

Assign To Officer: SWooster

Incident #:

Video Notation(s):

- Deactivation request denial
- Image of a child
- None
- Police computer screen
- Protected location
- Special ops event
- Substance abuse treatment
- UO/CI
- Victim of criminal offense

Height: 6' 5"

Weight: 260

Build: Large

Eye Color: brown

Identifying marks: tattoo on arm

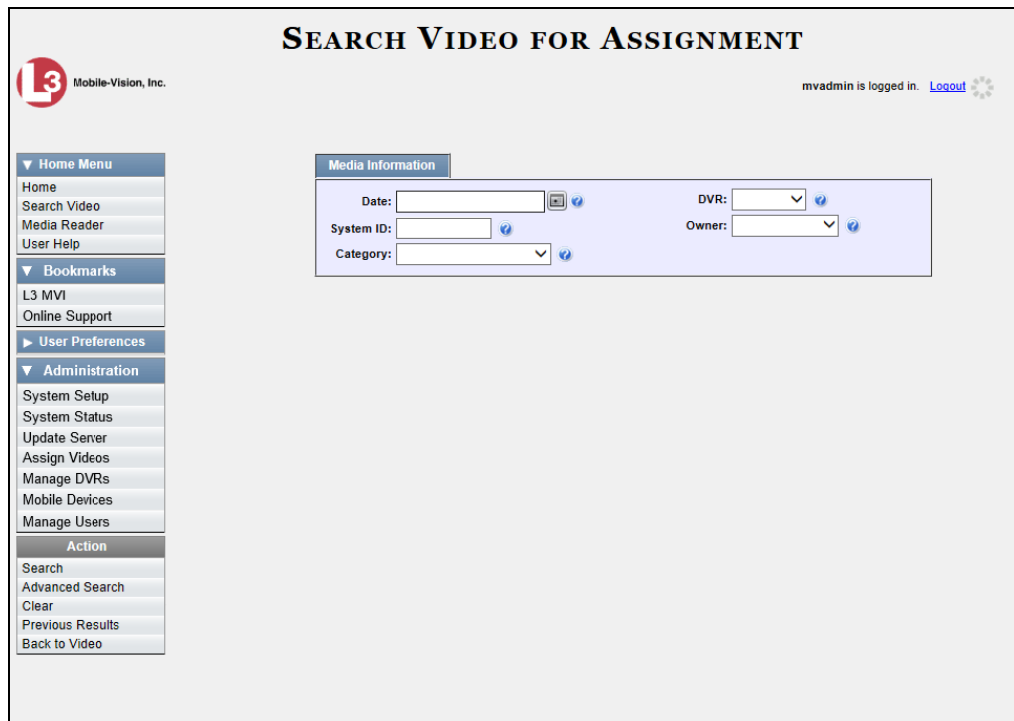
Save Reset Cancel

- 3 Select a new name from the *Assign To Officer* drop-down list.
- 4 Click **Save**.

Reassigning Multiple Videos to a Different Officer

This section describes how to reassign multiple videos to a different officer. For example, if an officer forgets to login to his DVR one day, you can use this procedure to link that day's videos to the correct officer. Once an officer owns a video, he has permission to view, notate, and/or tag that video.

- 1 Go to **Administration** and click **Assign Videos**. The Search Video for Assignment page displays.



Next, search for the video(s) you wish to reassign, as described below.

- 2 To search for videos using the Basic Search form (default), proceed to the next step.
– OR –
To search for videos using the Advanced Search form, go to the **Action** column and click **Advanced Search**.
- 3 Enter or select your search criteria in the search fields provided.
- 3 Go to the **Action** column and click **Search**. The Assign Videos page displays.

(Continued)

ASSIGN VIDEOS


Sergeant Larkin is logged in. [Logout](#)

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

User Preferences

Administration

- System Setup
- System Status
- Update Sener
- Assign Videos
- Manage DVRs
- Mobile Devices
- Manage Users

Action

- Select All On Page
- Assign Selected
- Assign All 12 Videos
- Deselect

Assignment Information

Assign To Officer:

Assign To DVR:

Videos

Page 1 of 2 (12 total records)

Video	Owner	Category	DVR Type	DVR Name	Video Start	Duration
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	01/19/2016 12:42	11 min
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	01/19/2016 11:59	5 min
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	01/19/2016 11:35	24 min
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	12/16/2015 09:02	1 min
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	12/15/2015 14:24	3 min
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	12/11/2015 09:32	1 min

The columns and available actions on this page are described below.

Assign Videos Page	
Column	Description
Video	A thumbnail image of the video.
Owner	The name of the officer who currently owns this video.
Category	The category assigned to this video.
DVR Type	The type of DVR that captured this video: <ul style="list-style-type: none"> <i>Vehicle</i>. A DVR that is installed inside a vehicle. <i>Interview Room</i>. A DVR that is installed inside an interview room. This type of DVR is used in conjunction with the optional <i>Interview Room</i> module. <i>Body Worn</i>. A <i>BodyVISION</i> or <i>BWX-100</i> camera. <i>VieVu</i>. A <i>VIEVU</i> Body Worn camera.
DVR Name	The name of the DVR that captured this video. For more information, see <i>DVR Name</i> in the table on page 32.
Video Start	The date and time at which this video began recording. Displays in mm/dd/yyyy hh:mm:ss format.
Duration	The video's length, in minutes. If the word "Image" displays in this field, it indicates that this record is a <i>BodyVISION</i> or <i>BWX-100</i> snapshot.
Video Start	The date and time at which this video began recording. Displays in mm/dd/yyyy hh:mm:ss format.

Page | 124

DEV Administrator's Guide
Safe Fleet Mobile-Vision • 7.30.2019

Available Actions	
Action	Description
Select All on Page	Highlight the videos that are currently displayed on-screen.
Assign Selected	Assign all selected (i.e., highlighted) videos to the officer shown in the <i>Assign to Officer</i> field.
Assign All # Videos	Assign all the videos in your search results to the officer shown in the <i>Assign to Officer</i> field.
Deselect	Deselect all videos that are currently selected. You can also click on a video to deselect it.

- 5 Go to the *Assign to Officer* field at the top of the page and select a new officer from the drop-down list.



WARNING: Video assignments cannot be undone. Before you proceed, make sure you are reassigning the videos to the correct officer.

- 6 To reassign *all* of the videos in your search results, go to the **Action** column and click **Assign All ## Videos**. Click **Yes** in response to the confirmation message. **End of procedure.**

– OR –

To reassign *some* of the videos in your search results, either click on the videos you wish to reassign *or* go to the **Action** column and click **Select All on Page**.

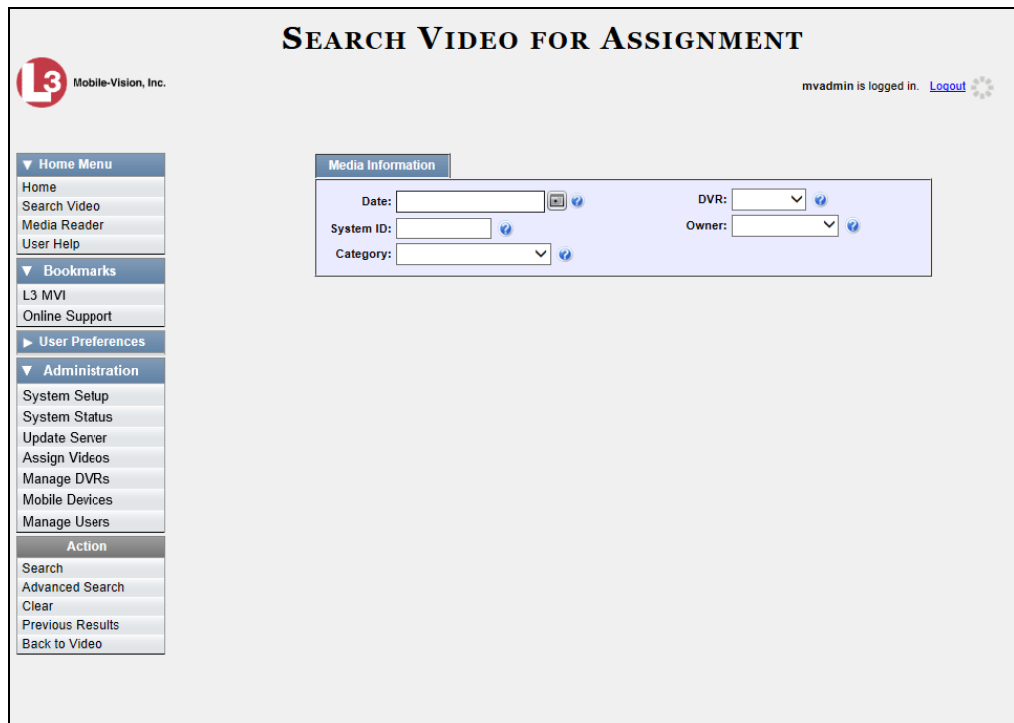
- 7 Go to the **Action** column and click **Assign Selected**. A confirmation message displays:

18 video(s) successfully assigned to James Ward

Reassigning Video to a Different DVR

This section describes how to reassign selected video(s) to a different DVR.

- 1 Go to **Administration** and click **Assign Videos**. The Search Video for Assignment page displays.



The screenshot shows the 'SEARCH VIDEO FOR ASSIGNMENT' interface. On the left is a navigation menu with sections: Home Menu (Home, Search Video, Media Reader, User Help), Bookmarks (L3 MVI, Online Support), User Preferences, and Administration (System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users). Below Administration is an 'Action' section with Search, Advanced Search, Clear, Previous Results, and Back to Video. The main area has a 'Media Information' search form with fields for Date, System ID, Category, DVR, and Owner. The user 'mvadmin' is logged in, and a 'Logout' link is present.

- 2 To search for videos using the Basic Search form (default), proceed to the next step.
– OR –
To search for videos using the Advanced Search form, go to the **Action** column and click **Advanced Search**.
- 3 Enter or select your search criteria in the search fields provided.
- 4 Go to the **Action** column and click **Search**. The Assign Videos page displays.

ASSIGN VIDEOS


Sergeant Larkin is logged in. [Logout](#)

Home Menu

Home

Search Video

Media Reader

User Help

Bookmarks

L3 MVI

Online Support

User Preferences

Administration

System Setup

System Status

Update Sener

Assign Videos

Manage DVRs

Mobile Devices

Manage Users

Action

Select All On Page

Assign Selected

Assign All 12 Videos

Deselect

Assignment Information

Assign To Officer:

Assign To DVR:

Videos

Page 1 of 2 (12 total records)

Video	Owner	Category	DVR Type	DVR Name	Video Start	Duration
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	01/19/2016 12:42	11 min
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	01/19/2016 11:59	5 min
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	01/19/2016 11:35	24 min
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	12/16/2015 09:02	1 min
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	12/15/2015 14:24	3 min
	Officer Zalewski	No Citation	Vehicle	*1 L3 MM Oxley@14:03:40	12/11/2015 09:32	1 min

The columns and available actions on the Assign Videos page are described in the table on page 124.

- Go to the *Assign to DVR* field at the top of the page and select a new DVR from the drop-down list.



WARNING: Video assignments cannot be undone. Before you proceed, make sure you are reassigning the videos to the correct DVR.

- To reassign *all* of the videos in your search results, go to the **Action** column and click **Assign All ## Videos**. Click **Yes** in response to the confirmation message.
End of procedure.

– OR –

To reassign *some* of the videos in your search results, either click on the videos you wish to reassign *or* go to the **Action** column and click **Select All on Page**.

- Go to the **Action** column and click **Assign Selected**. A confirmation message displays.

18 video(s) successfully assigned to Unit 146

Maintaining User Metadata

As a System Administrator, you have the ability to add, change, and/or delete user metadata fields at any time. These fields allow officers to notate their videos with custom data, such as a citation number or subject description. If an officer has a mobile data computer with the UMD editor installed on it, he can attach UMD to a video immediately after it is finished recording. Otherwise he can attach UMD back at the precinct when he logs onto the DEV Server PC.

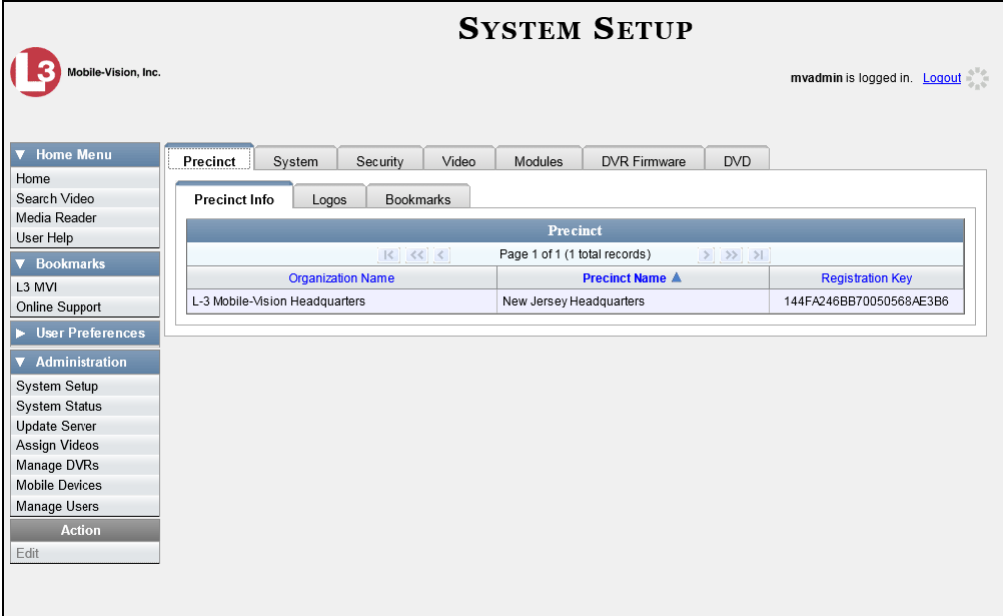
For further instructions, see:

- Displaying the UMD Types List, below
- Adding a User Metadata Field, page 130
- Changing a User Metadata Field, page 132
- Deleting a User Metadata Field, page 134
- Changing the User Metadata Display Order, page 135.

Displaying the UMD Types List

This section describes how to display the UMD Types list. This is the first step towards adding, changing, or deleting a UMD record.

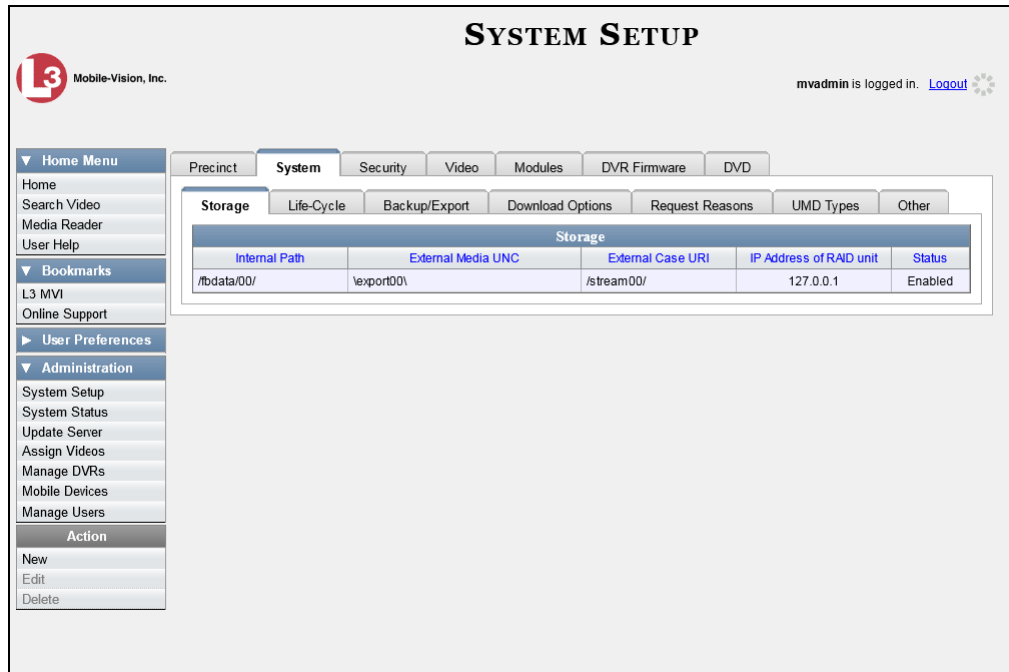
- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



The screenshot shows the SYSTEM SETUP page. The left sidebar has a menu with 'Administration' expanded to 'System Setup'. The main content area shows a table of Precinct information.

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

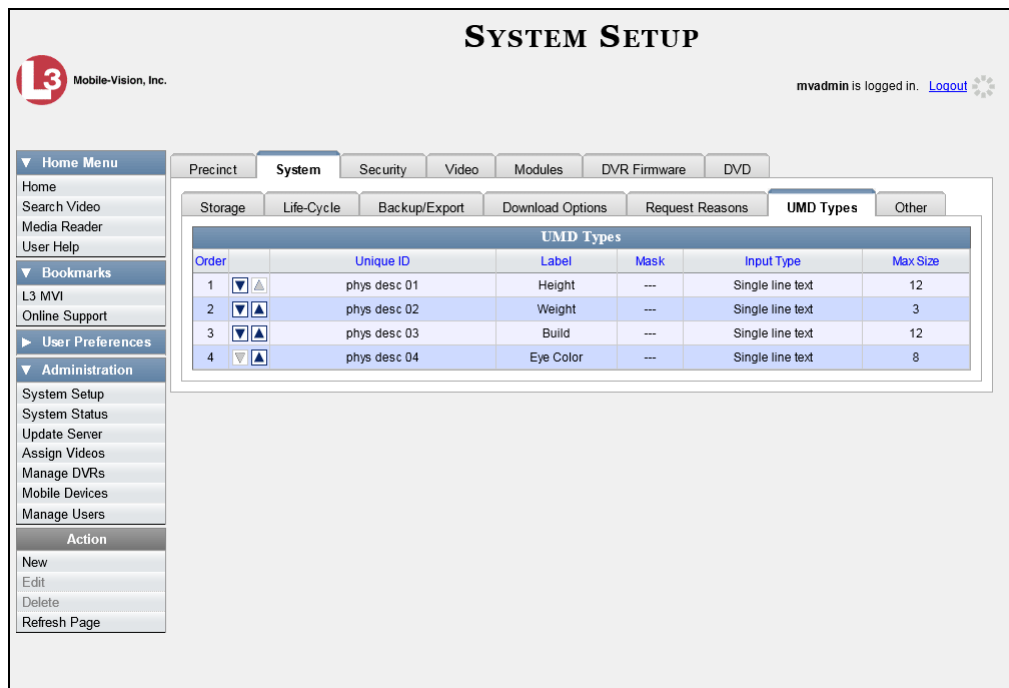
Navigation: Home Menu, Bookmarks, User Preferences, Administration, Action

Tabs: Precinct, **System**, Security, Video, Modules, DVR Firmware, DVD

Sub-Tabs: Storage, Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, Other

Storage				
Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\export001	/stream00/	127.0.0.1	Enabled

3 Click the **UMD Types** tab. A list of existing UMD records displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Navigation: Home Menu, Bookmarks, User Preferences, Administration, Action

Tabs: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

Sub-Tabs: Storage, Life-Cycle, Backup/Export, Download Options, Request Reasons, **UMD Types**, Other

UMD Types					
Order	Unique ID	Label	Mask	Input Type	Max Size
1	phys desc 01	Height	---	Single line text	12
2	phys desc 02	Weight	---	Single line text	3
3	phys desc 03	Build	---	Single line text	12
4	phys desc 04	Eye Color	---	Single line text	8

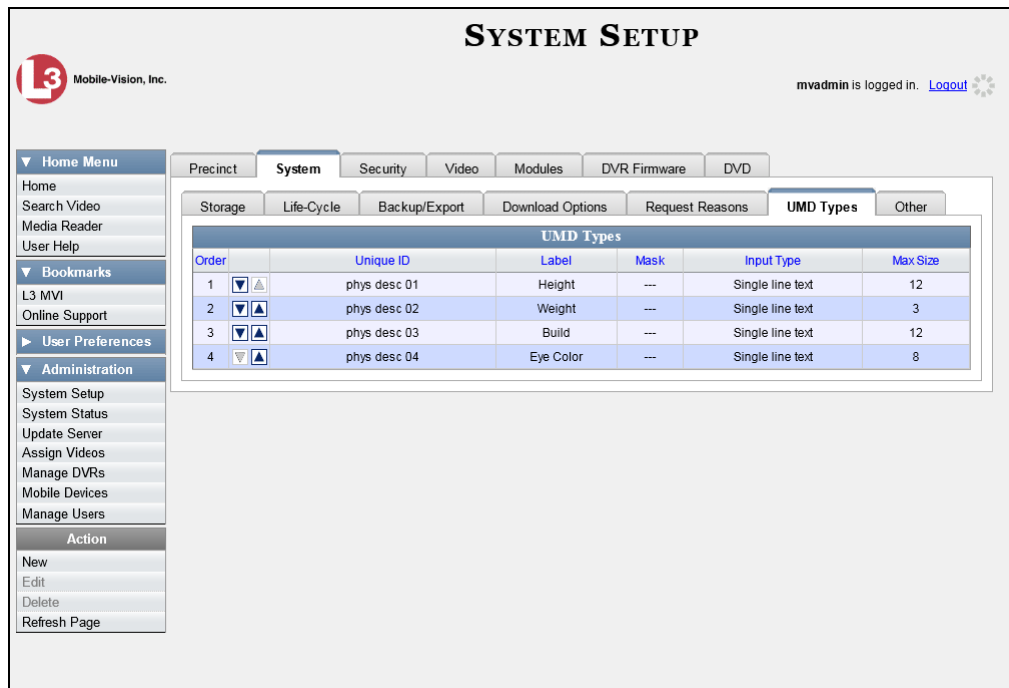
For further instructions, see:

- Adding a User Metadata Field, next page, beginning with step 2
- Changing a User Metadata Field, page 132, beginning with step 2
- Deleting a User Metadata Field, page 134, beginning with step 2
- Changing the User Metadata Display Order, page 135, beginning with step 2.

Adding a User Metadata Field

This section describes how to add a new user metadata field to DEV. Once defined, the user metadata field will display under the **UMD** tab on the Video Details page. For more on this topic, see “Maintaining User Metadata” on page 128.

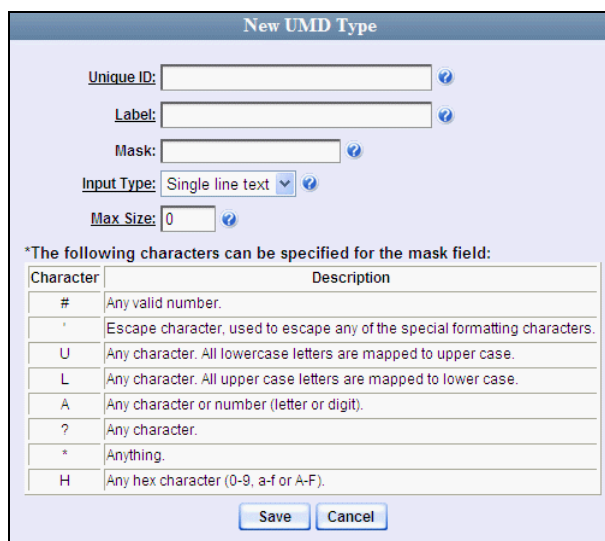
- 1 Display the UMD Types List. (If necessary, review the previous section, “Displaying the UMD Types List.”)



The screenshot shows the 'SYSTEM SETUP' page for Mobile-Vision, Inc. The 'System' tab is selected, and the 'UMD Types' sub-tab is active. A table lists existing UMD types:

Order	Unique ID	Label	Mask	Input Type	Max Size
1	phys desc 01	Height	---	Single line text	12
2	phys desc 02	Weight	---	Single line text	3
3	phys desc 03	Build	---	Single line text	12
4	phys desc 04	Eye Color	---	Single line text	8

- 2 Go to the **Action** column and click **New**. The New UMD Type form displays.



The 'New UMD Type' form contains the following fields:

- Unique ID:
- Label:
- Mask:
- Input Type:
- Max Size:

*The following characters can be specified for the mask field:

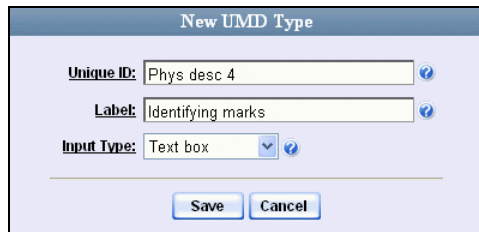
Character	Description
#	Any valid number.
*	Escape character, used to escape any of the special formatting characters.
U	Any character. All lowercase letters are mapped to upper case.
L	Any character. All upper case letters are mapped to lower case.
A	Any character or number (letter or digit).
?	Any character.
*	Anything.
H	Any hex character (0-9, a-f or A-F).

Buttons:

The fields on this form are described below.

New UMD Type																			
Field	Description																		
Unique ID	The internal identification code for this field. This code does not display on the videos' UMD tab. It is used for system tracking purposes only.																		
Label	The field name that will display on the videos' UMD tab.																		
Mask	<p>The allowable entry for each character of the UMD field, as defined in the on-screen character descriptions. A mask allows the system to perform checks, or edits, on a particular field to make sure that the user enters the field in a predefined format. For example, you might use a mask of ##-##-#### for a date field.</p> <table border="1"> <thead> <tr> <th>Character</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>#</td> <td>Any valid number.</td> </tr> <tr> <td>'</td> <td>Escape character, used to escape any of the special formatting characters.</td> </tr> <tr> <td>U</td> <td>Any character. All lowercase letters are mapped to upper case.</td> </tr> <tr> <td>L</td> <td>Any character. All upper case letters are mapped to lower case.</td> </tr> <tr> <td>A</td> <td>Any character or number (letter or digit).</td> </tr> <tr> <td>?</td> <td>Any character.</td> </tr> <tr> <td>*</td> <td>Anything.</td> </tr> <tr> <td>H</td> <td>Any hex character (0-9, a-f or A-F).</td> </tr> </tbody> </table>	Character	Description	#	Any valid number.	'	Escape character, used to escape any of the special formatting characters.	U	Any character. All lowercase letters are mapped to upper case.	L	Any character. All upper case letters are mapped to lower case.	A	Any character or number (letter or digit).	?	Any character.	*	Anything.	H	Any hex character (0-9, a-f or A-F).
Character	Description																		
#	Any valid number.																		
'	Escape character, used to escape any of the special formatting characters.																		
U	Any character. All lowercase letters are mapped to upper case.																		
L	Any character. All upper case letters are mapped to lower case.																		
A	Any character or number (letter or digit).																		
?	Any character.																		
*	Anything.																		
H	Any hex character (0-9, a-f or A-F).																		
Input Type	The input type for this field: <i>Single line text</i> (default) or <i>Text box</i> . <i>Select this value from the drop-down list.</i>																		
Max size	The maximum number of characters that the user is allowed to enter in a single line text field. If you are using a mask, leave this field blank.																		

- 3 Enter an ID code for this UMD in the *Unique ID* field.
- 4 Enter the name of the UMD in the *Label* field. This is how the UMD field will appear on the actual data entry form.
- 5 To apply a *mask* to this UMD (see description above), proceed to the next step. Otherwise skip to step 7.
- 6 Using the appropriate characters (see onscreen list), enter a UMD mask in the *Mask* field.
- 7 If this UMD will be a *single line text field* (default), proceed to the next step.
– OR –
If this UMD will be a *text box*, select **Text box** from the *Input Type* drop-down list. The New UMD Type popup displays.



Skip to step 9.

- 8 If you entered a value in the *Mask* field, proceed to the next step.

– OR –

If you did *not* enter a value in the *Mask* field, enter the maximum length for this UMD in the *Max Size* field.

- 9 Click the **Save** button. The UMD Types List redisplay. Notice that the new record displays at the bottom of the list. Unless you move the record up or down, this is the order in which the new data field will appear on the video record.

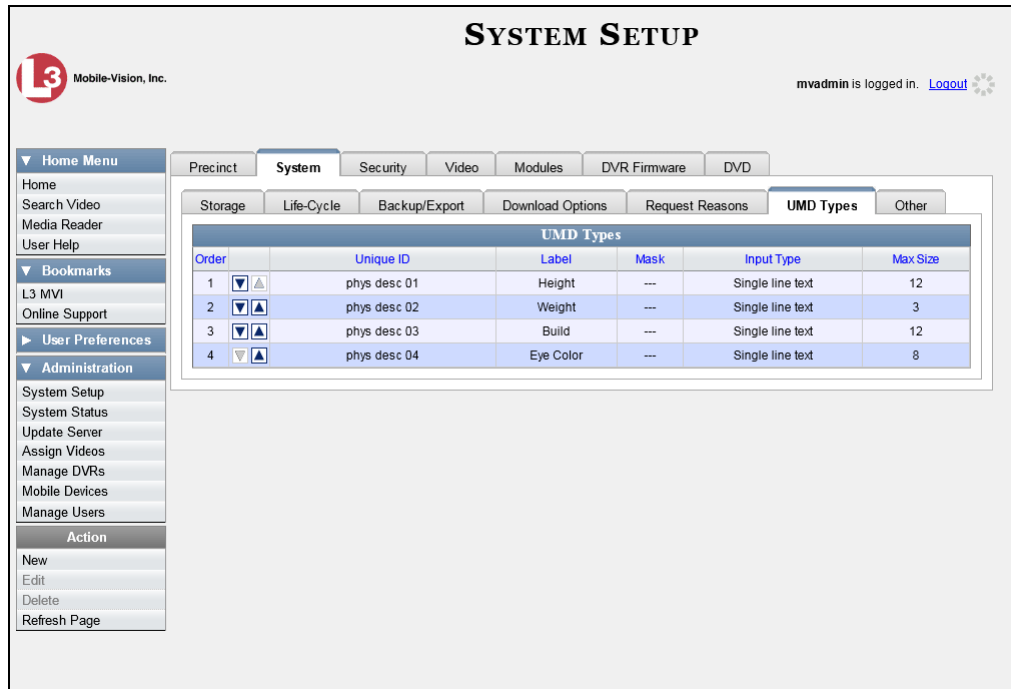


- 10 To move the new data field up the list, click the up arrow to the left of that record. Each mouse click will move the record *up* one row.

Changing a User Metadata Field

This section describes how to change an existing user metadata field in DEV. For more on this topic, see “Maintaining User Metadata” on page 128.

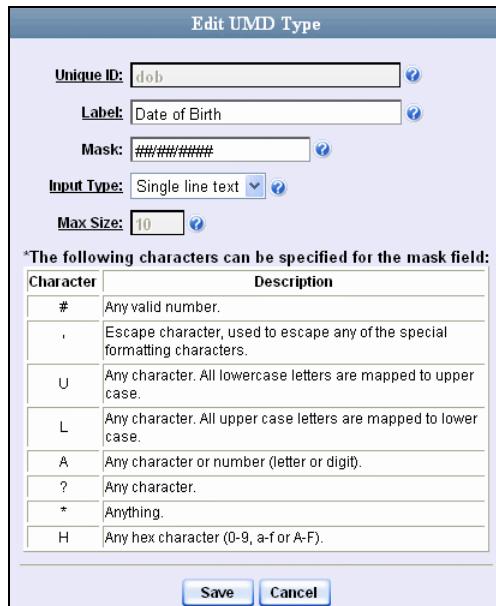
- 1 Display the UMD Types List, as described in “Displaying the UMD Types List” on page 128.



The screenshot shows the 'SYSTEM SETUP' interface for Mobile-Vision, Inc. The user 'mvadmin' is logged in. The 'System' tab is selected, and the 'UMD Types' sub-tab is active. A table lists four UMD Types:

Order	Unique ID	Label	Mask	Input Type	Max Size
1	phys desc 01	Height	---	Single line text	12
2	phys desc 02	Weight	---	Single line text	3
3	phys desc 03	Build	---	Single line text	12
4	phys desc 04	Eye Color	---	Single line text	8

- Right-click on the record you wish to change, then select **Edit** from the popup menu. The Edit UMD Type popup displays.



The 'Edit UMD Type' popup form contains the following fields:

- Unique ID:**
- Label:**
- Mask:**
- Input Type:**
- Max Size:**

Below the fields is a table titled '*The following characters can be specified for the mask field:'

Character	Description
#	Any valid number.
.	Escape character, used to escape any of the special formatting characters.
U	Any character. All lowercase letters are mapped to upper case.
L	Any character. All upper case letters are mapped to lower case.
A	Any character or number (letter or digit).
?	Any character.
*	Anything.
H	Any hex character (0-9, a-f or A-F).

At the bottom of the popup are 'Save' and 'Cancel' buttons.

For a description of the fields on this popup, see the table on page 131.

- Enter/select your new field value(s).
- Click **Save**.

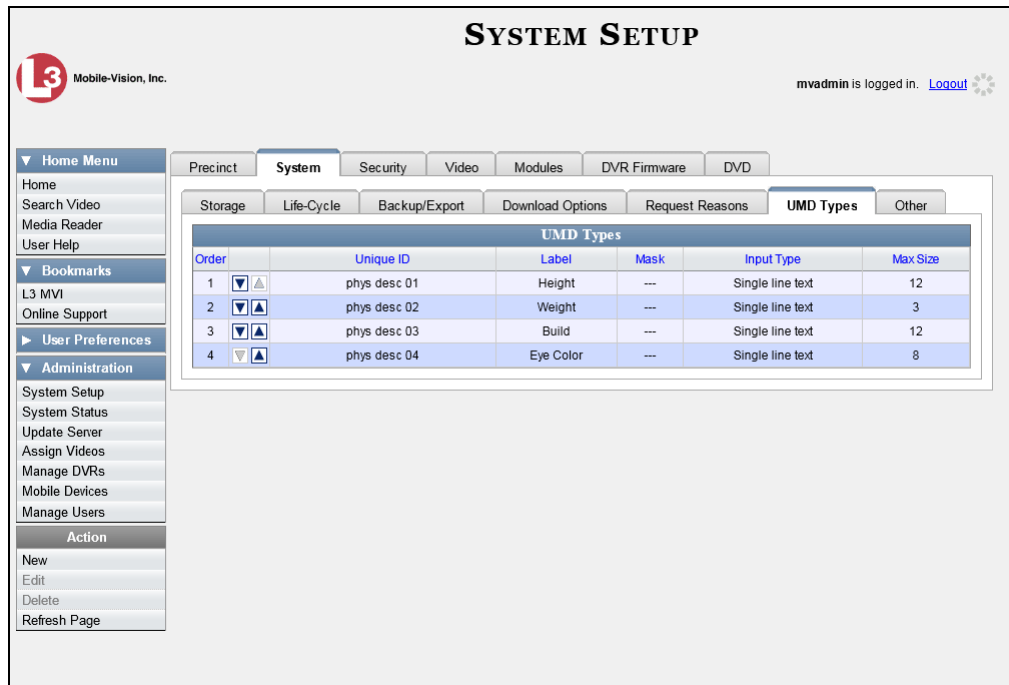
Deleting a User Metadata Field

This section describes how to delete a user metadata field in DEV. For more on this topic, see “Maintaining User Metadata” on page 128.



WARNING: If you delete a UMD field that is currently attached to one or more videos, the system will permanently remove that UMD field from those videos.

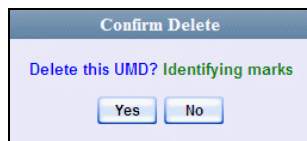
- 1 Display the UMD Types List. (If necessary, review “Displaying the UMD Types List” on page 128.)



The screenshot shows the SYSTEM SETUP interface for Mobile-Vision, Inc. The user 'mvadmin' is logged in. The 'System' tab is selected, and the 'UMD Types' sub-tab is active. The UMD Types list is displayed as follows:

Order	Unique ID	Label	Mask	Input Type	Max Size
1	phys desc 01	Height	---	Single line text	12
2	phys desc 02	Weight	---	Single line text	3
3	phys desc 03	Build	---	Single line text	12
4	phys desc 04	Eye Color	---	Single line text	8

- 2 Right-click on the record you wish to delete, then select **Delete** from the popup menu. A confirmation message displays.





- 3 Click **Yes**. The system removes the selected record from the UMD list and from any videos that it is currently attached to.

Changing the User Metadata Display Order

This section describes how to change the display order for your custom user metadata fields. For more on this topic, see “Maintaining User Metadata” on page 128.

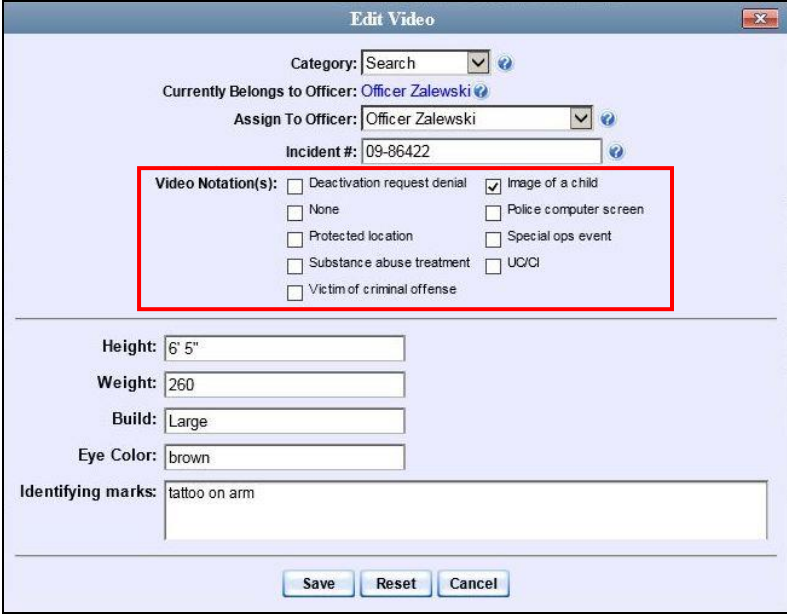
- 1 Display the UMD Types List, as pictured on the previous page. (If necessary, review “Displaying the UMD Types List” on page 128.)

The UMD records display in the order in which they appear on the UMD form.

- 2 Use the arrow icons to move record(s) up or down the list:
 -  To move a record *down* the list, click the *down* arrow to the left of that record. Each mouse click will move the record *down* one row.
 -  To move a record *up* the list, click the *up* arrow to the left of that record. Each mouse click will move the record *up* one row.

Video Notations

Video notations are custom checkboxes that you can use to classify and organize videos. Once the Video Notation feature is activated (see “Turning Video Notations On/Off” on page 142), any video notations you create will display on the Edit Video form.



The screenshot shows the 'Edit Video' form with the following fields and values:

- Category: Search
- Currently Belongs to Officer: Officer Zalewski
- Assign To Officer: Officer Zalewski
- Incident #: 09-86422
- Video Notation(s):
 - Deactivation request denial
 - Image of a child
 - None
 - Police computer screen
 - Protected location
 - Special ops event
 - Substance abuse treatment
 - UO/CI
 - Victim of criminal offense
- Height: 6' 5"
- Weight: 260
- Build: Large
- Eye Color: brown
- Identifying marks: tattoo on arm

Buttons: Save, Reset, Cancel

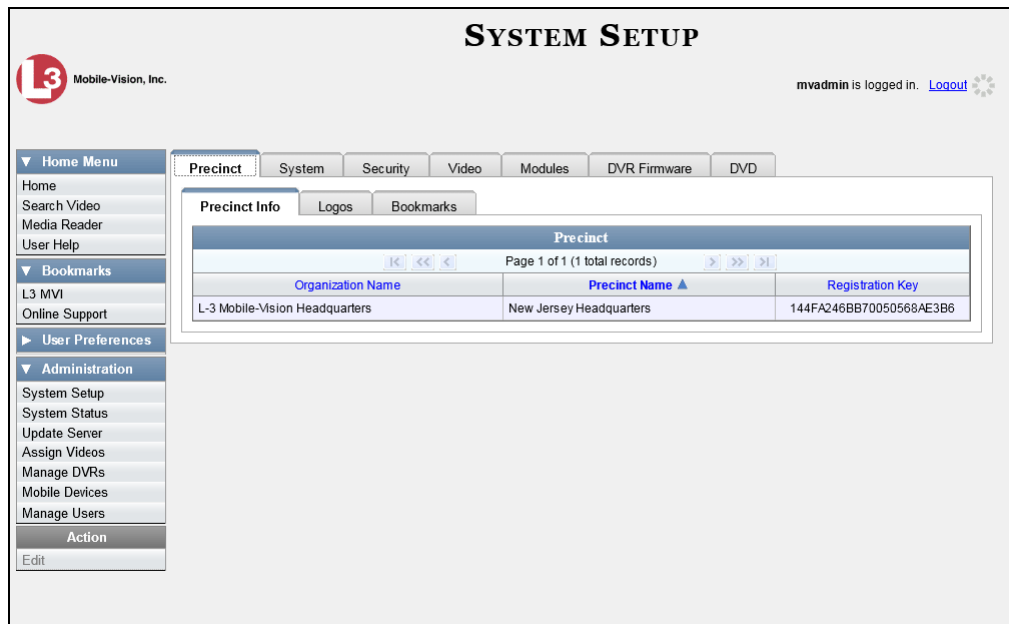
For more information, see:

- Adding a Video Notation, next page
- Changing a Video Notation, page 138
- Deleting a Video Notation, page 140
- Turning Video Notations On/Off, page 142
- Exporting Video Notations Activity to a Spreadsheet, page 144.

Adding a Video Notation

This section describes how to add a new video notation to the Video Details page. For more on video notations and how they are used in DEV, see the previous section, “Video Notations.”

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

▼ Administration
System Setup
System Status
Update Server
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

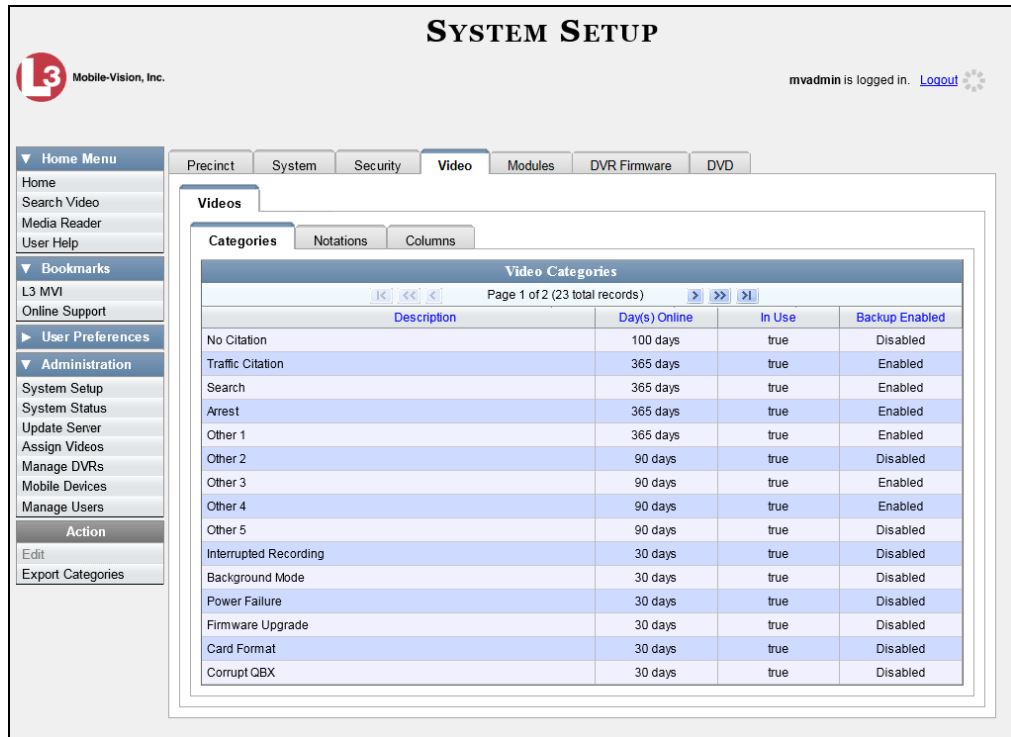
Action
Edit

Precinct System Security Video Modules DVR Firmware DVD

Precinct Info Logos Bookmarks

Precinct		
Page 1 of 1 (1 total records)		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **Video** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Precinct System Security **Video** Modules DVR Firmware DVD

Videos

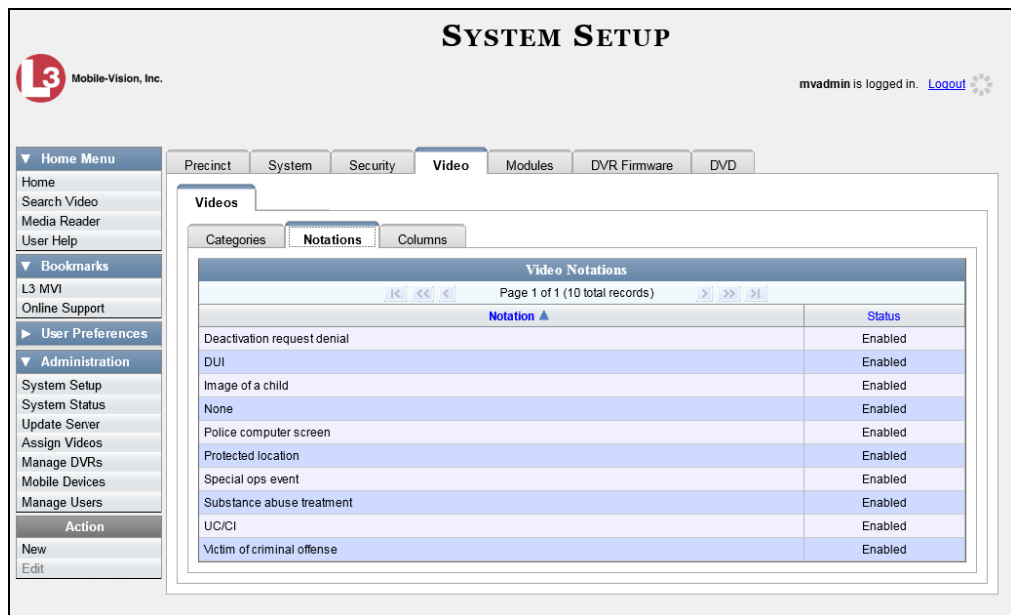
Categories Notations Columns

Video Categories

Page 1 of 2 (23 total records)

Description	Day(s) Online	In Use	Backup Enabled
No Citation	100 days	true	Disabled
Traffic Citation	365 days	true	Enabled
Search	365 days	true	Enabled
Arrest	365 days	true	Enabled
Other 1	365 days	true	Enabled
Other 2	90 days	true	Disabled
Other 3	90 days	true	Enabled
Other 4	90 days	true	Enabled
Other 5	90 days	true	Disabled
Interrupted Recording	30 days	true	Disabled
Background Mode	30 days	true	Disabled
Power Failure	30 days	true	Disabled
Firmware Upgrade	30 days	true	Disabled
Card Format	30 days	true	Disabled
Corrupt QBX	30 days	true	Disabled

3 Click the **Notations** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Precinct System Security **Video** Modules DVR Firmware DVD

Videos

Categories **Notations** Columns

Video Notations

Page 1 of 1 (10 total records)

Notation	Status
Deactivation request denial	Enabled
DUI	Enabled
Image of a child	Enabled
None	Enabled
Police computer screen	Enabled
Protected location	Enabled
Special ops event	Enabled
Substance abuse treatment	Enabled
UC/CI	Enabled
Victim of criminal offense	Enabled

4 Go to the **Action** column and click **New**. The New Video Notation form displays.

(Continued)



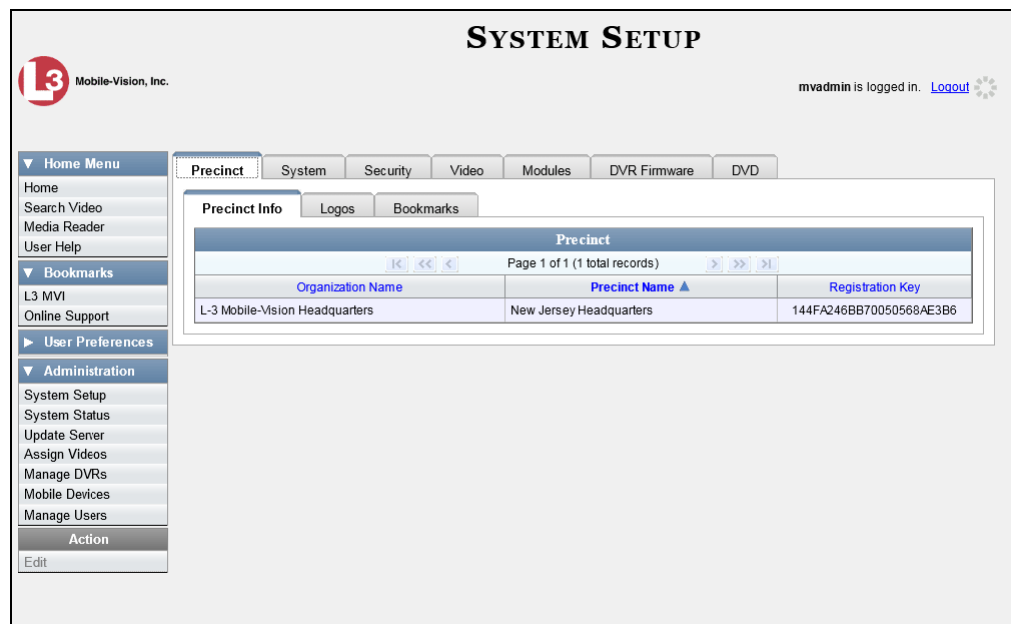
The dialog box titled "New Video Notation" has a text input field for "Notation:" and a dropdown menu for "Status:" set to "ENABLED". There are "Save" and "Cancel" buttons at the bottom.

- 5 Enter a name for the new video notation in the *Notation* field.
- 6 Click **Save**. The new notation is added to the Video Notations list.

Changing a Video Notation

This section describes how to update an existing video notation. For more on video notations and how they are used in DEV, see “Video Notations” on page 135.

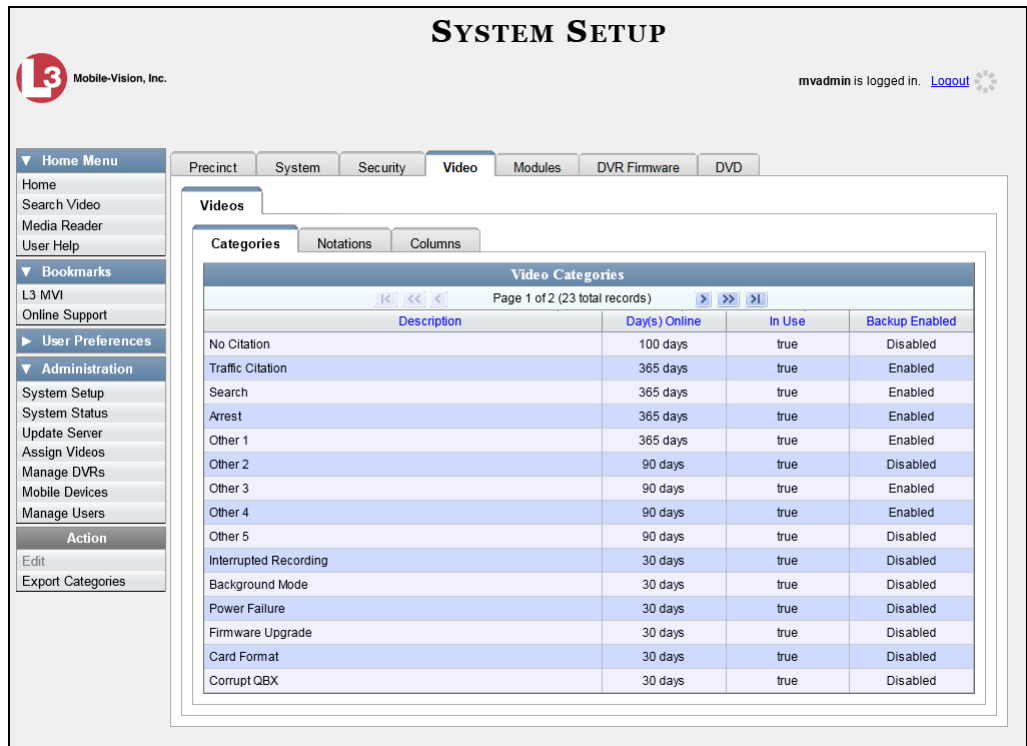
- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



The screenshot shows the "SYSTEM SETUP" page. The "Precinct" tab is selected, displaying a table with one record. The table has columns for Organization Name, Precinct Name, and Registration Key.

Organization Name	Precinct Name	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **Video** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Precinct System Security **Video** Modules DVR Firmware DVD

Videos

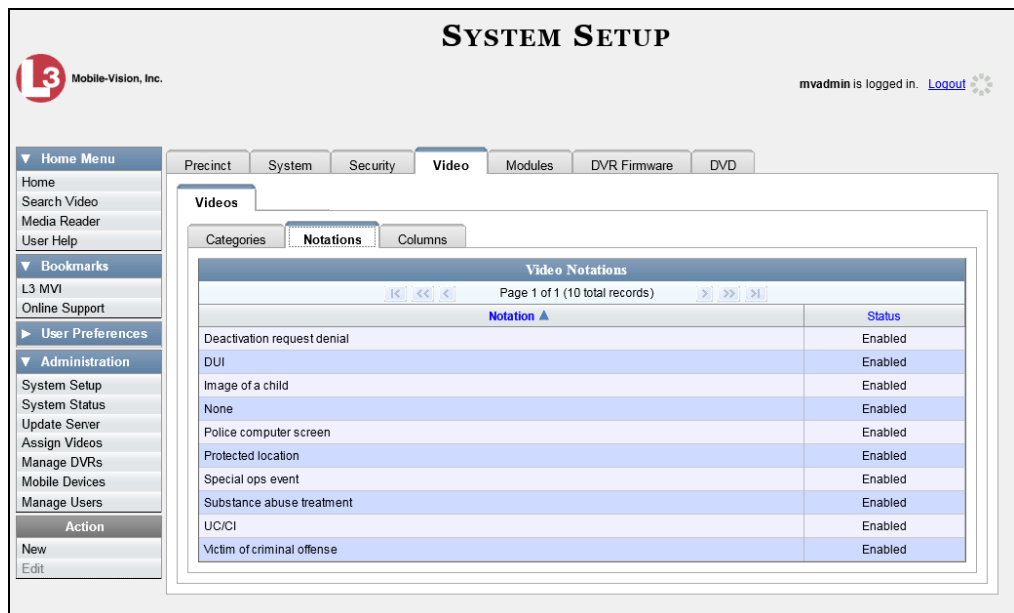
Categories Notations Columns

Video Categories

Page 1 of 2 (23 total records)

Description	Day(s) Online	In Use	Backup Enabled
No Citation	100 days	true	Disabled
Traffic Citation	365 days	true	Enabled
Search	365 days	true	Enabled
Arrest	365 days	true	Enabled
Other 1	365 days	true	Enabled
Other 2	90 days	true	Disabled
Other 3	90 days	true	Enabled
Other 4	90 days	true	Enabled
Other 5	90 days	true	Disabled
Interrupted Recording	30 days	true	Disabled
Background Mode	30 days	true	Disabled
Power Failure	30 days	true	Disabled
Firmware Upgrade	30 days	true	Disabled
Card Format	30 days	true	Disabled
Corrupt QBX	30 days	true	Disabled

3 Click the **Notations** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Precinct System Security **Video** Modules DVR Firmware DVD

Videos

Categories **Notations** Columns

Video Notations

Page 1 of 1 (10 total records)

Notation	Status
Deactivation request denial	Enabled
DUI	Enabled
Image of a child	Enabled
None	Enabled
Police computer screen	Enabled
Protected location	Enabled
Special ops event	Enabled
Substance abuse treatment	Enabled
UCICI	Enabled
Victim of criminal offense	Enabled

4 Right-click on the record you wish to update, then select **Edit** from the popup menu.

The Edit Video Notation popup displays.

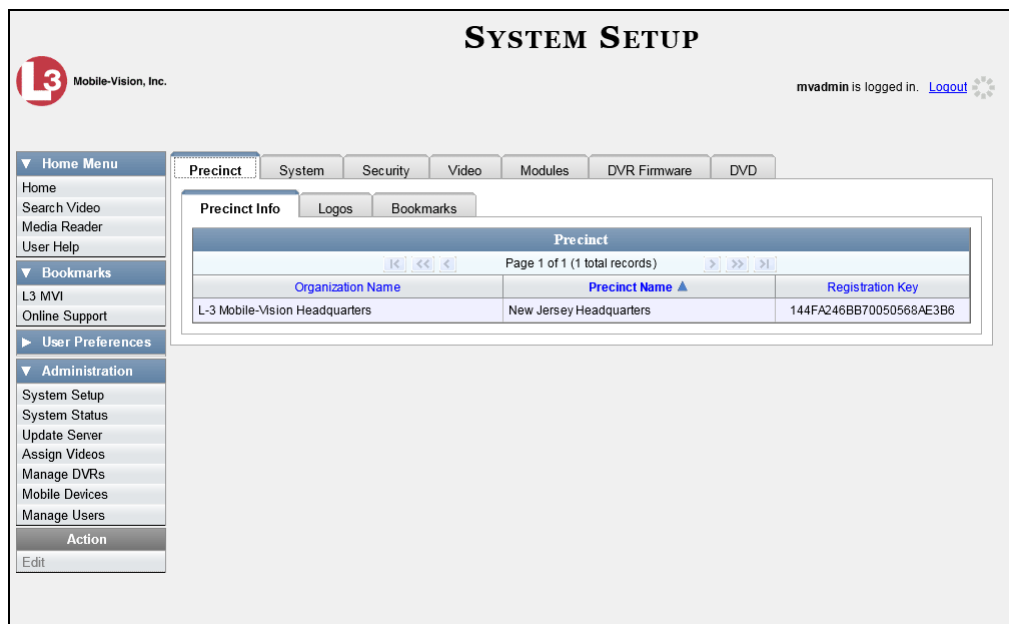


- 5 To change the name of this video notation, enter a new value in the *Notation* field. Otherwise proceed to the next field.
- 6 To change this video notation’s status (i.e., *active* vs. *inactive*), proceed to the next step. Otherwise skip to step 8.
- 7 To *inactivate* this video notation, select **DISABLED** from the *Status* drop-down list.
– OR –
To *activate* this video notation, select **ENABLED** from the *Status* drop-down list.
- 8 Click **Save**.

Deleting a Video Notation

This section describes how to delete a video notation record that was previously created by you or another user.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

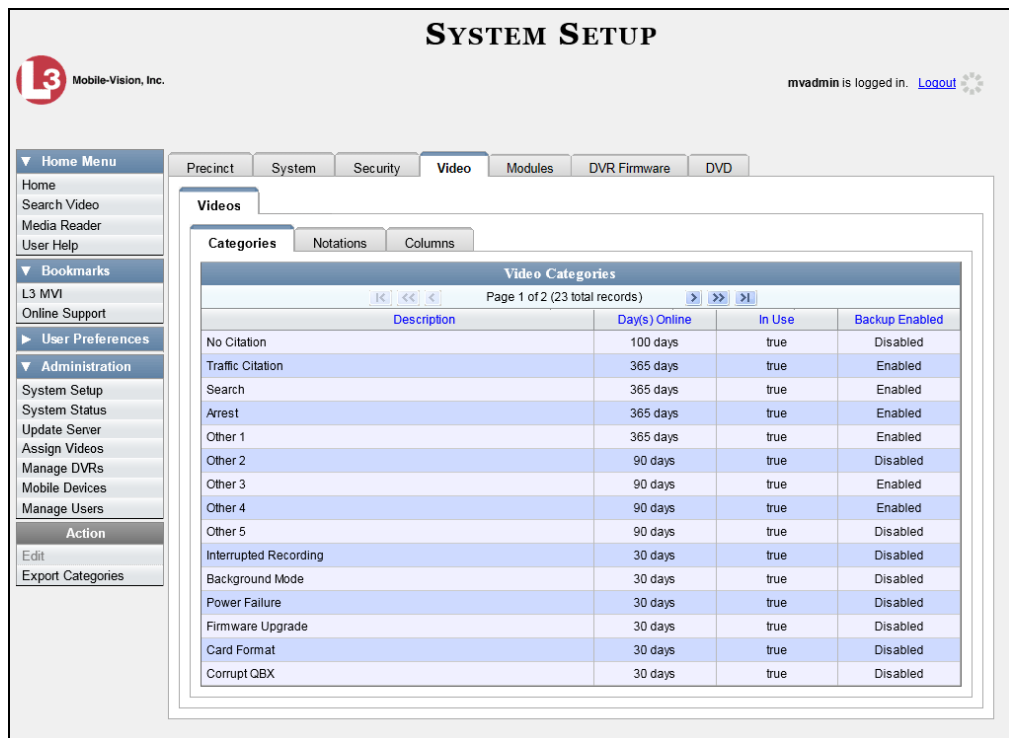
Action: Edit

Navigation: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

Precinct Info: Logos, Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **Video** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: Edit, Export Categories

Navigation: Precinct, System, Security, **Video**, Modules, DVR Firmware, DVD

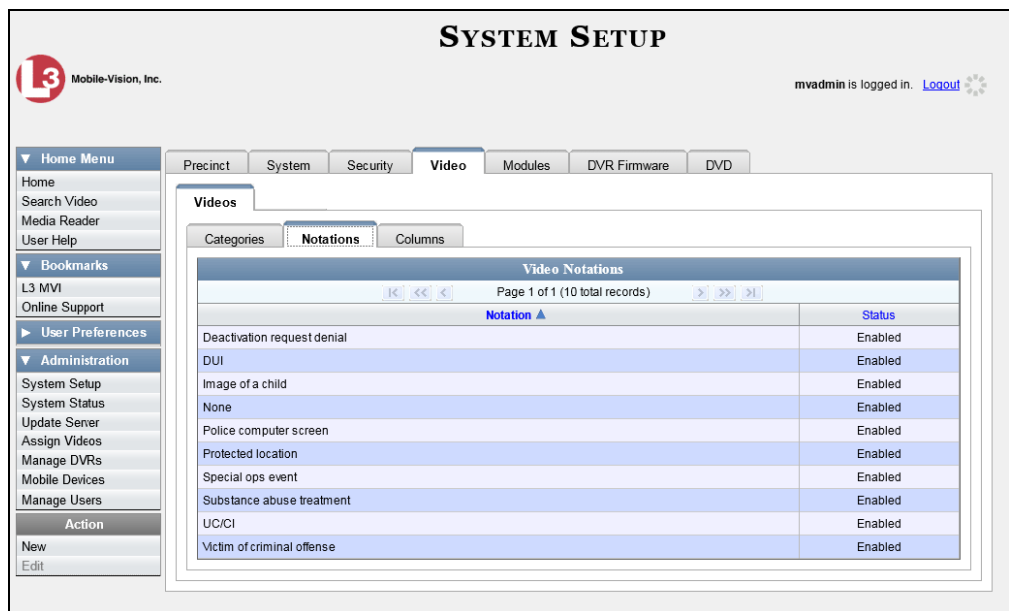
Videos: Categories, Notations, Columns

Video Categories

Page 1 of 2 (23 total records)

Description	Days(s) Online	In Use	Backup Enabled
No Citation	100 days	true	Disabled
Traffic Citation	365 days	true	Enabled
Search	365 days	true	Enabled
Arrest	365 days	true	Enabled
Other 1	365 days	true	Enabled
Other 2	90 days	true	Disabled
Other 3	90 days	true	Enabled
Other 4	90 days	true	Enabled
Other 5	90 days	true	Disabled
Interrupted Recording	30 days	true	Disabled
Background Mode	30 days	true	Disabled
Power Failure	30 days	true	Disabled
Firmware Upgrade	30 days	true	Disabled
Card Format	30 days	true	Disabled
Corrupt QBX	30 days	true	Disabled

3 Click the **Notations** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: New, Edit

Navigation: Precinct, System, Security, **Video**, Modules, DVR Firmware, DVD

Videos: Categories, **Notations**, Columns

Video Notations

Page 1 of 1 (10 total records)

Notation	Status
Deactivation request denial	Enabled
DUI	Enabled
Image of a child	Enabled
None	Enabled
Police computer screen	Enabled
Protected location	Enabled
Special ops event	Enabled
Substance abuse treatment	Enabled
UC/CI	Enabled
Victim of criminal offense	Enabled

4 Right-click on the record you wish to delete, then select **Delete** from the popup menu. A confirmation message displays.

(Continued)



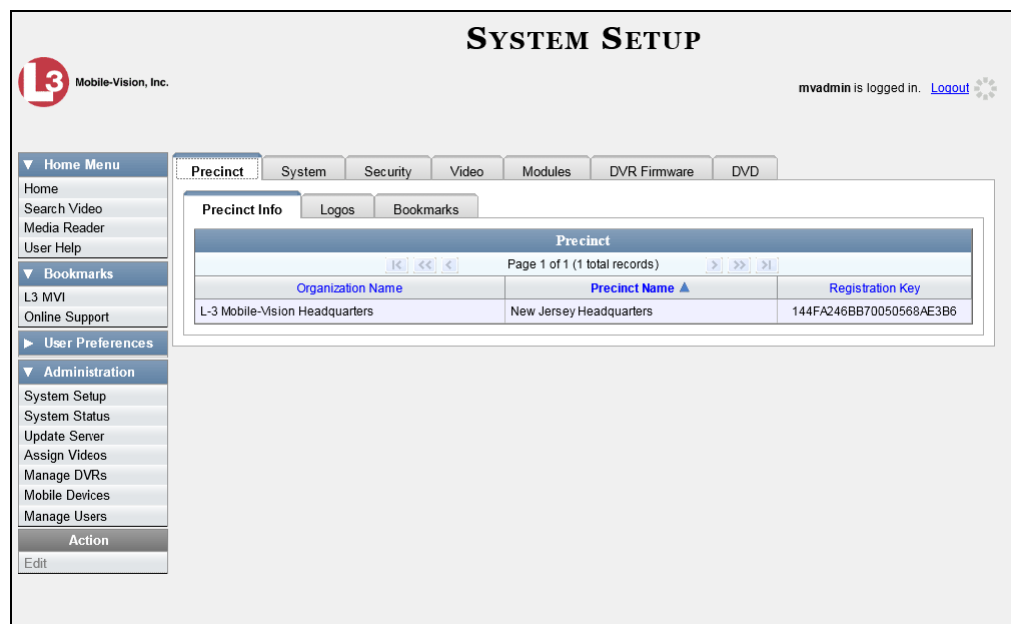
- 5 Click **Yes**. The selected record is removed from the Video Notations list.

Turning Video Notations On/Off

This section describes how to turn the video notations feature *on* or *off*. When this feature is ON, all predefined video notations will display on the Edit Video form. When this feature is OFF, *no* video notations will display on the Edit Video form.

For more on video notations and how they are used in DEV, see “Video Notations” on page 135.

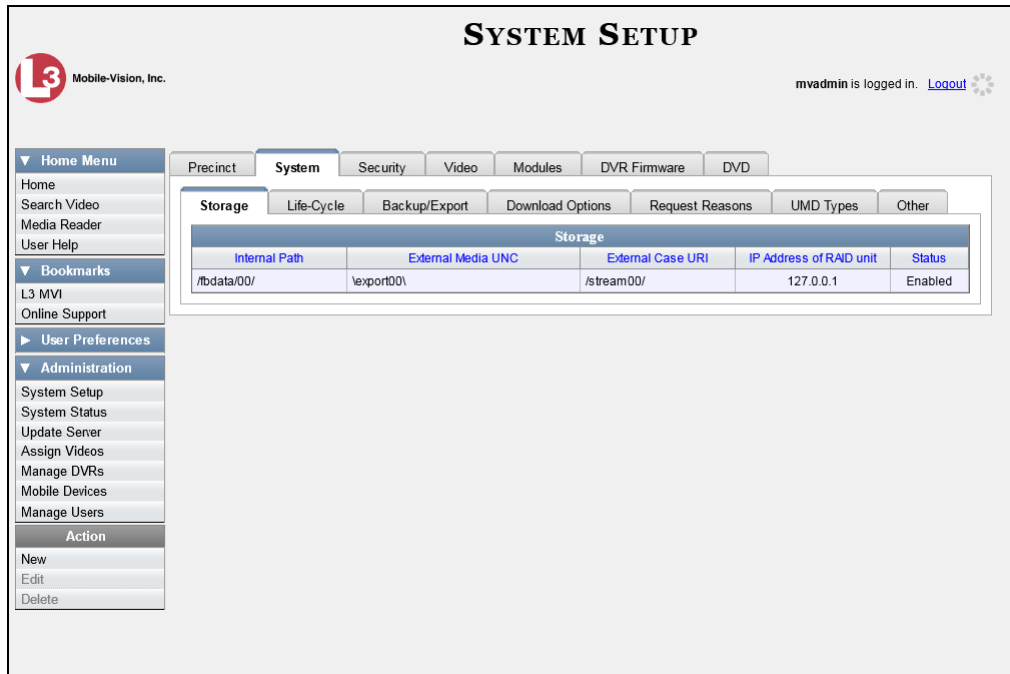
- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



The screenshot shows the "SYSTEM SETUP" page for Mobile-Vision, Inc. The page has a navigation menu on the left and a main content area. The "Administration" menu is expanded, showing "System Setup" as the selected option. The main content area displays a table of "Precinct" information.

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

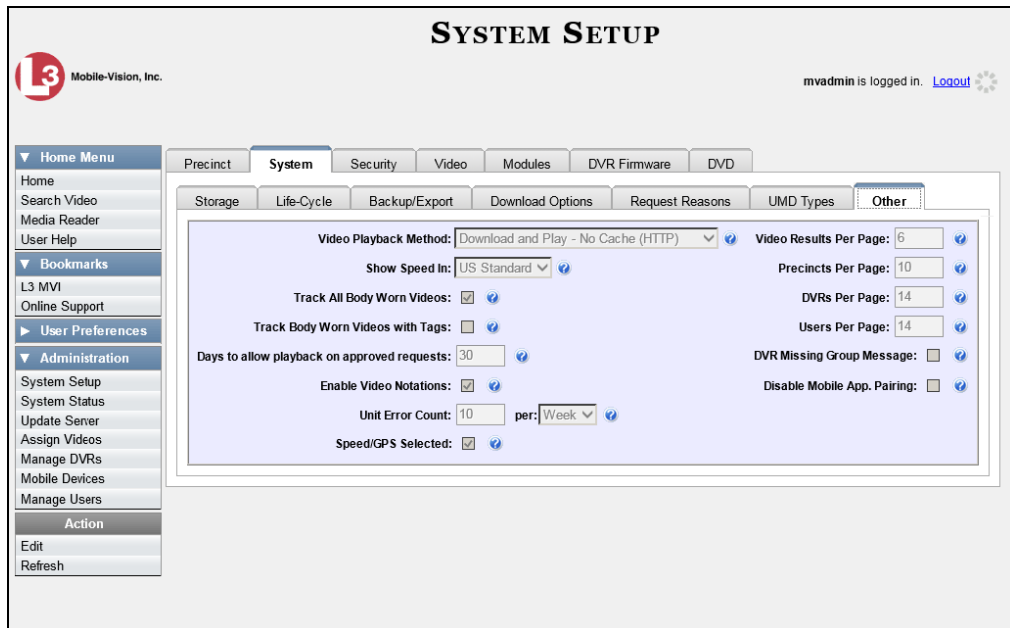
Navigation: Precinct | **System** | Security | Video | Modules | DVR Firmware | DVD

Sub-navigation: Storage | Life-Cycle | Backup/Export | Download Options | Request Reasons | UMD Types | Other

Storage				
Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\\export00\	/stream00/	127.0.0.1	Enabled

Left sidebar menu includes: Home Menu, Bookmarks, Administration, and Action.

3 Click the **Other** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Navigation: Precinct | System | Security | Video | Modules | DVR Firmware | DVD

Sub-navigation: Storage | Life-Cycle | Backup/Export | Download Options | Request Reasons | UMD Types | **Other**

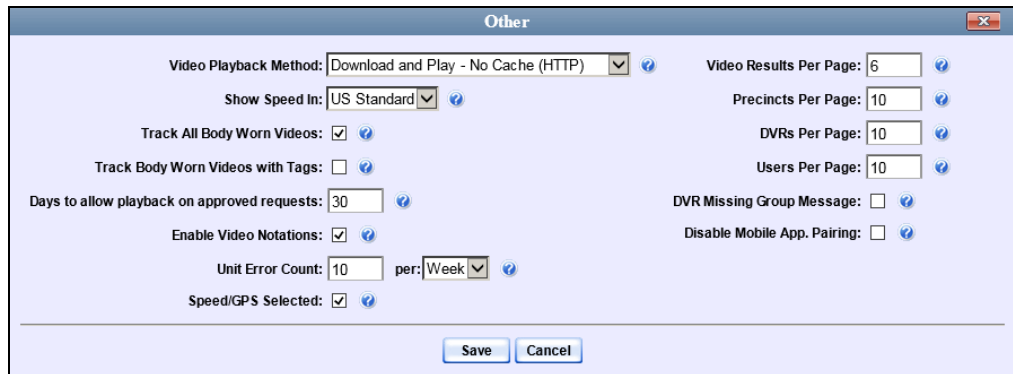
Configuration options in the Other tab:

- Video Playback Method:
- Show Speed In:
- Track All Body Worn Videos:
- Track Body Worn Videos with Tags:
- Days to allow playback on approved requests:
- Enable Video Notations:
- Unit Error Count: per:
- Speed/GPS Selected:
- Video Results Per Page:
- Precincts Per Page:
- DVRs Per Page:
- Users Per Page:
- DVR Missing Group Message:
- Disable Mobile App. Pairing:


Left sidebar menu includes: Home Menu, Bookmarks, Administration, and Action.


4 Go to the **Action** column and click **Edit**. The Other popup displays.


(Continued)





Other


Video Playback Method: 


Show Speed In: 


Track All Body Worn Videos: 


Track Body Worn Videos with Tags: 


Days to allow playback on approved requests: 


Enable Video Notations: 


Unit Error Count: per: 


Speed/GPS Selected: 


Video Results Per Page: 

Precincts Per Page: 

DVRs Per Page: 

Users Per Page: 

DVR Missing Group Message: 

Disable Mobile App. Pairing: 

- To turn the Video Notations feature *on*, select the *Enable Video Notations* checkbox.

– OR –

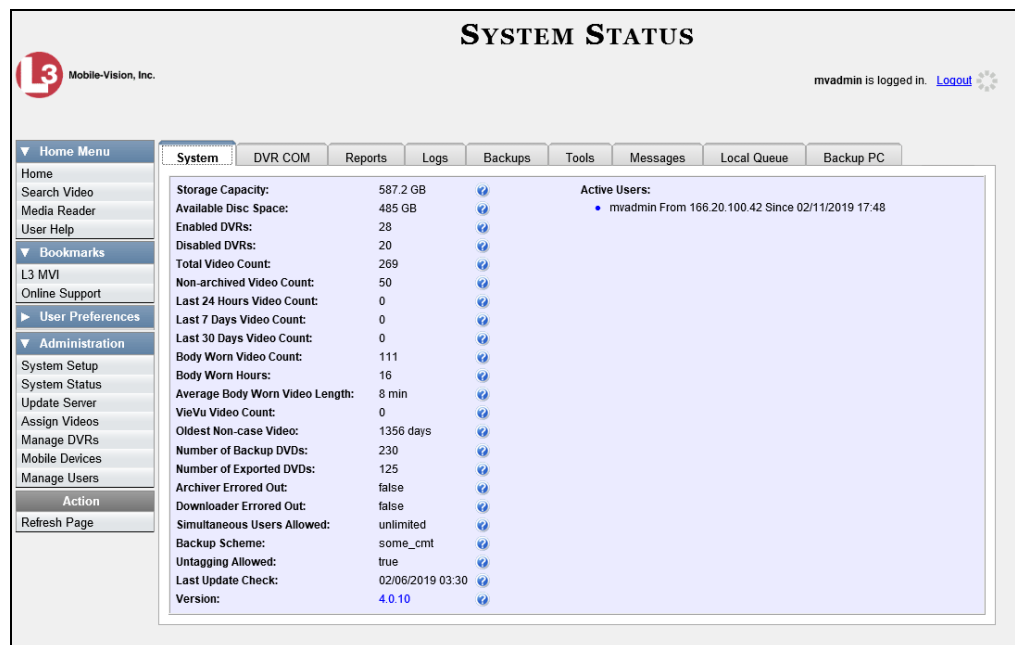
To turn the Video Notations feature *off*, deselect the *Enable Video Notations* checkbox.

- Click **Save**.


Exporting Video Notations Activity to a Spreadsheet

This section describes how to export video notations activity to a spreadsheet for use with another application, such as a custom reporting tool. The export includes a list of all video notations that have been added or removed from a video or snapshot file during a selected time period.
























- Go to  **Administration** and click **System Status**. The System Status page displays.



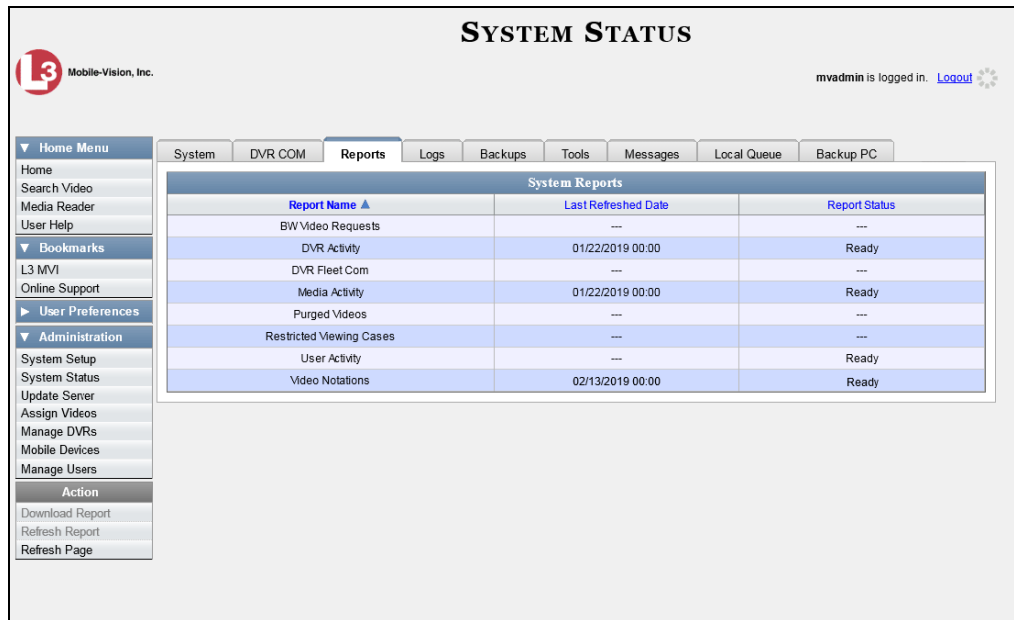
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#) 

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB		Active Users:
Available Disc Space:	485 GB		• mvadmin From 166.20.100.42 Since 02/11/2019 17:48
Enabled DVRs:	28		
Disabled DVRs:	20		
Total Video Count:	269		
Non-archived Video Count:	50		
Last 24 Hours Video Count:	0		
Last 7 Days Video Count:	0		
Last 30 Days Video Count:	0		
Body Worn Video Count:	111		
Body Worn Hours:	16		
Average Body Worn Video Length:	8 min		
VieVu Video Count:	0		
Oldest Non-case Video:	1356 days		
Number of Backup DVDs:	230		
Number of Exported DVDs:	125		
Archiver Errored Out:	false		
Downloader Errored Out:	false		
Simultaneous Users Allowed:	unlimited		
Backup Scheme:	some_cmt		
Untagging Allowed:	true		
Last Update Check:	02/06/2019 03:30		
Version:	4.0.10		

2 Click the **Reports** tab.



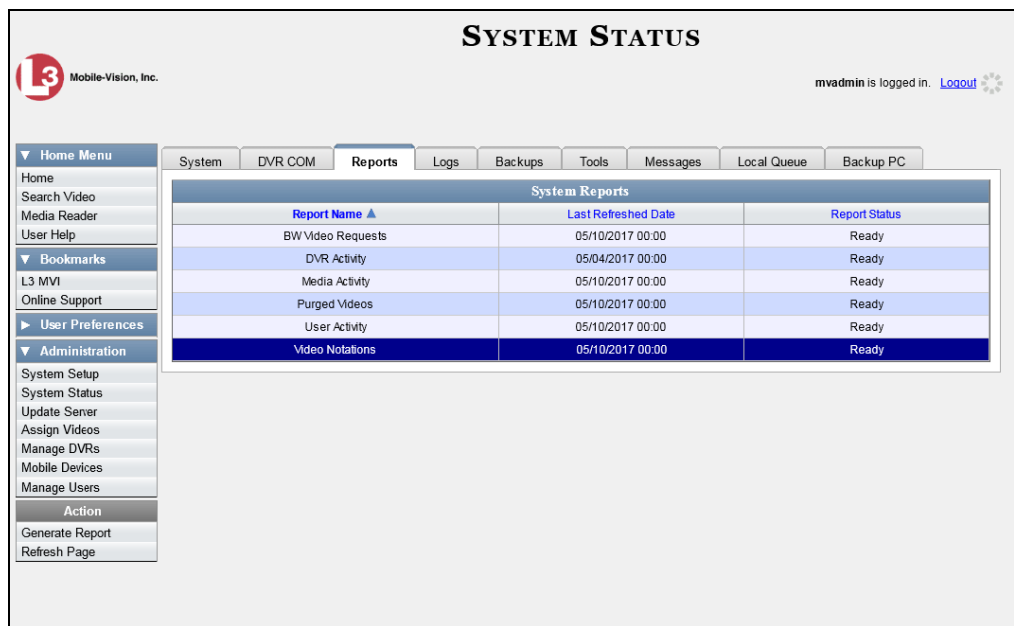
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Reports		
Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	---	---
DVR Activity	01/22/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	01/22/2019 00:00	Ready
Purged Videos	---	---
Restricted Viewing Cases	---	---
User Activity	---	Ready
Video Notations	02/13/2019 00:00	Ready

3 Click on the **Video Notations** report to highlight it.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)



System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC

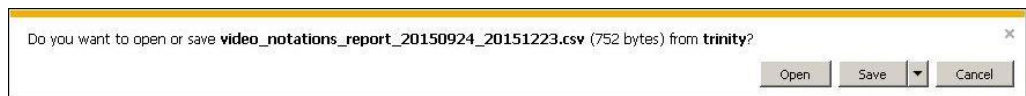
System Reports		
Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	05/10/2017 00:00	Ready
DVR Activity	05/04/2017 00:00	Ready
Media Activity	05/10/2017 00:00	Ready
Purged Videos	05/10/2017 00:00	Ready
User Activity	05/10/2017 00:00	Ready
Video Notations	05/10/2017 00:00	Ready

4 Go to the **Action** column and click **Generate Report**. The New Report popup displays.

(Continued)



-  5 Proceed to the *Start Date* field. Using the calendar icon, select the beginning of the date range for this report.
-  6 Proceed to the *End Date* field. Using the calendar icon, select the end of the date range for this report.
- 7 Click **Generate**. A Windows message displays.



- 8 Click **Open**. The report displays in your default spreadsheet application, such as Microsoft Excel.

Updating Viewing Options

There are two viewing options that you can change:

- Video Playback Method*. You can select the manner in which the system delivers videos to DEV users for viewing purposes. For example, you can choose to download and play videos on a PC, or stream the videos directly from the DEV server PC.
- Metric Display*. You have the option of displaying vehicle speeds in either *miles per hour* or *kilometers per hour*.

For further instructions, see:

- Changing the Video Playback Method, below
- Turning the Metric Display On or Off, page 150.

Changing the Video Playback Method

This section describes how to change the manner in which the system delivers videos to DEV users for viewing purposes. The optimal playback method for your agency will depend on your networking environment and available bandwidth. If the default playback method, *Stream-No Cache (SMB)*, isn't working for you, consult with your agency's IT specialist to determine which playback method might be preferable.

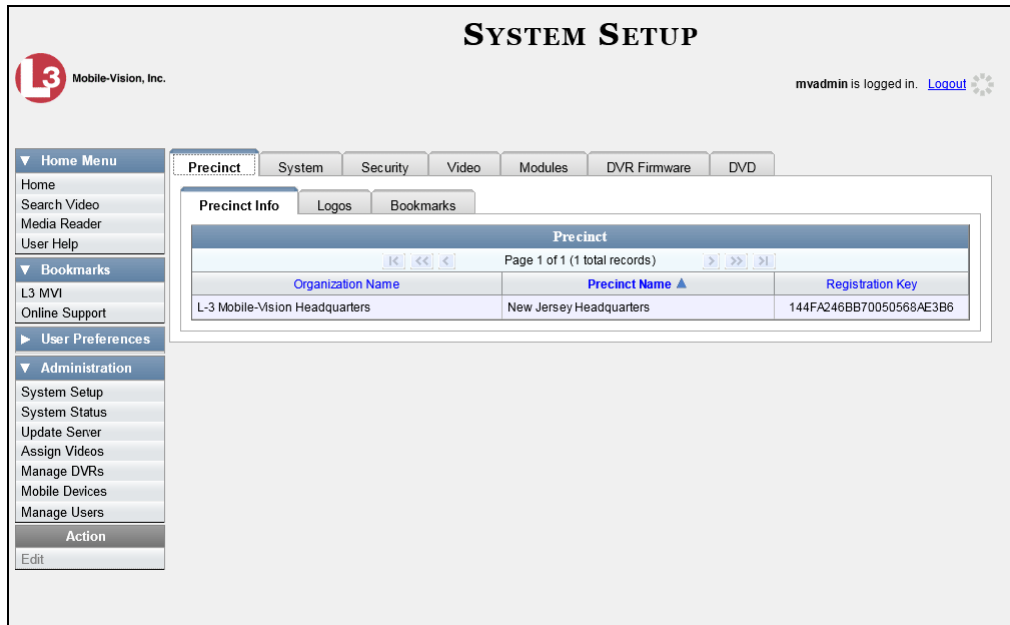
The available playback methods are described in the following table.

Video Playback Methods	
Method	Description
Download and Play – No Cache (SMB)	Download the video file to the user’s PC via the SMB internet protocol. Once the user exits the Flashback Player, the system will remove the video file from the user’s PC.
Download and Play – No Cache (HTTP)	Download the video file to the user’s PC via the HTTP internet protocol. Once the user exits the Flashback Player, the system will remove the video file from the user’s PC.
Download and Play – No Cache (FTP)	Download the video file to the user’s PC via the FTP internet protocol. Once the user exits the Flashback Player, the system will remove the video file from the user’s PC.
Download and Play – With Cache (SMB)	Download the video file to the user’s PC via the SMB internet protocol. Once the user exits the Flashback Player, the system will leave the video file on the user’s PC for immediate playback later.
Download and Play – With Cache (HTTP)	Download the video file to the user’s PC via the HTTP internet protocol. Once the user exits the Flashback Player, the system will leave the video file on the user’s PC for immediate playback later.
Download and Play – With Cache (FTP)	Download the video file to the user’s PC via the FTP internet protocol. Once the user exits the Flashback Player, the system will leave the video file on the user’s PC for immediate playback later.
Stream – No Cache (SMB)	Play the video file directly from the DEV server PC via the SMB internet protocol. In this option, the video file is not stored temporarily or permanently on the user’s PC. This method requires approximately 6MB of network bandwidth to provide smooth playback. <i>System default.</i>

One advantage of the “download and play” methods is that you don’t have to wait for the entire video to download before you can begin viewing it. The system starts playing the video immediately after it buffers a small amount of video data.

- 1 Go to  and click **System Setup**. The System Setup page displays.

(Continued)



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: Edit

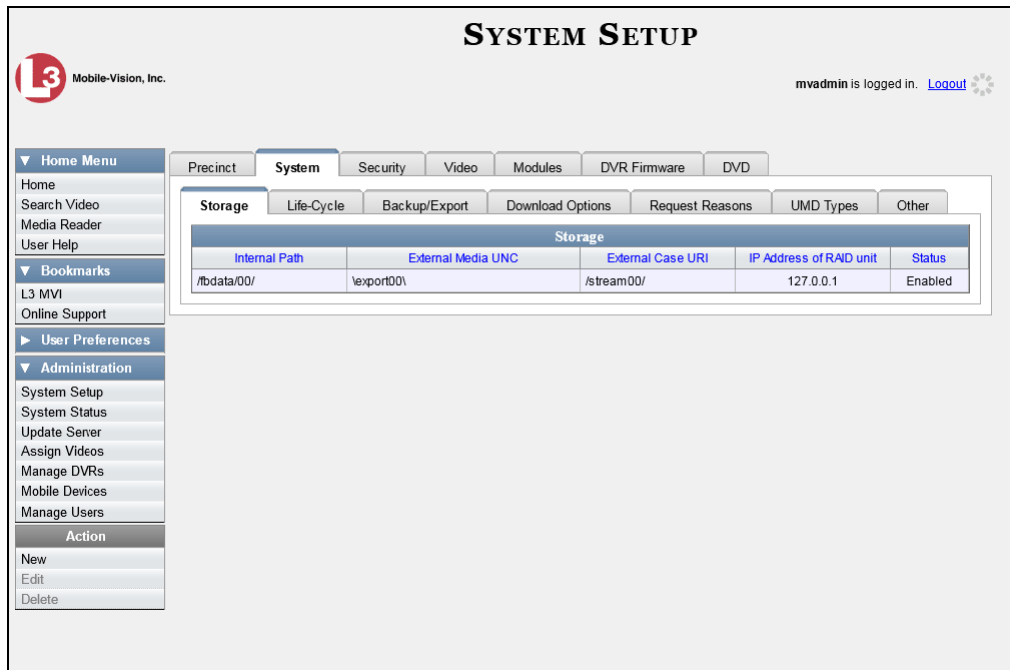
System Setup Tabs: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

Precinct Info Tabs: Logos, Bookmarks

Precinct Table:

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

2 Click the **System** tab.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: New, Edit, Delete

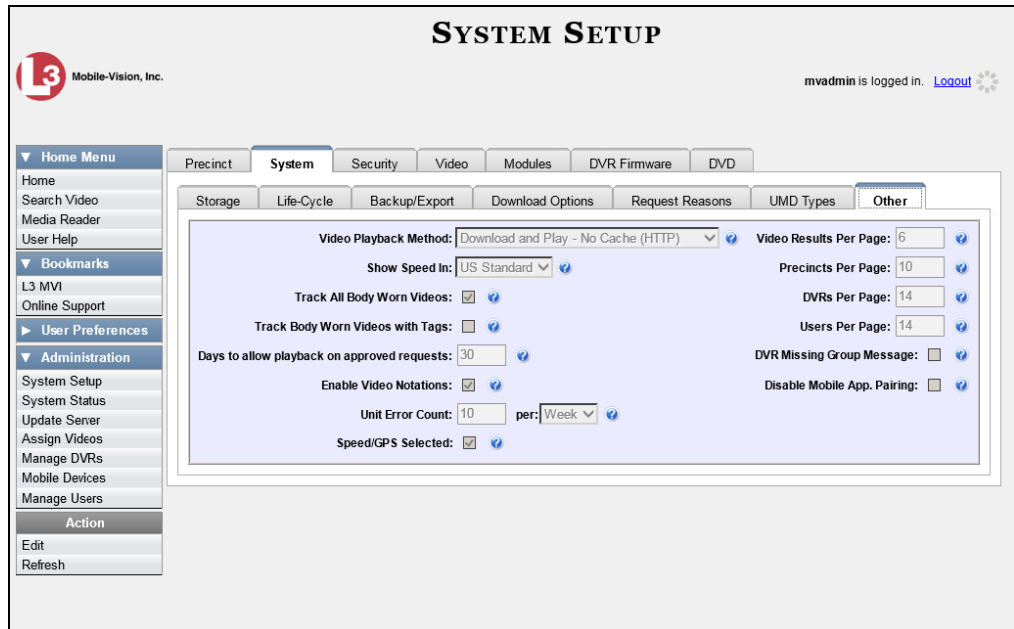
System Setup Tabs: Precinct, **System**, Security, Video, Modules, DVR Firmware, DVD

System Storage Tabs: Storage, Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, Other

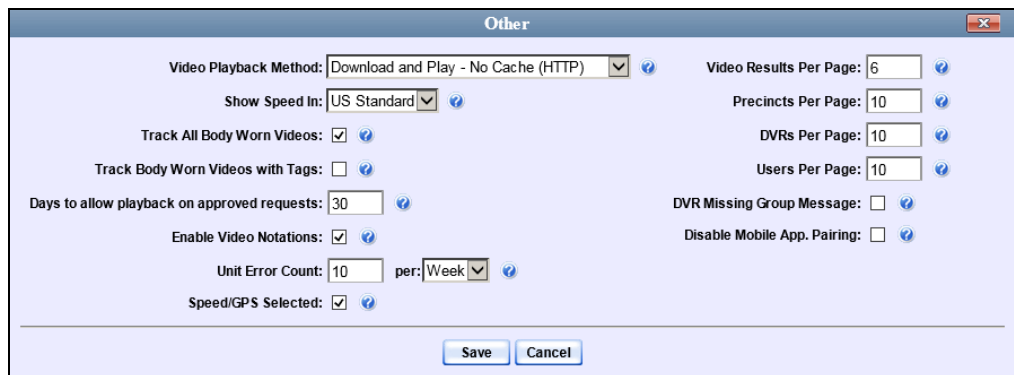
Storage Table:

Internal Path	External Media UNC	External Case URI	IP Address of RAD unit	Status
/bdata/00/	\export00\	/stream00/	127.0.0.1	Enabled

3 Click the **Other** tab.



4 Go to the **Action** column and click **Edit**. The Other popup displays.

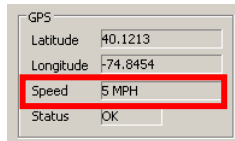


5 Go to the *Video Playback Method* field and select a new value from the drop-down list. The various playback methods are described in detail in the table on page 147.

6 Click **Save**.

Turning the Metric Display On/Off

This section describes how to change the GPS speed display on the Flashback Player and Video Details page. You can display a vehicle's speed in either miles per hour (default) or kilometers per hour.



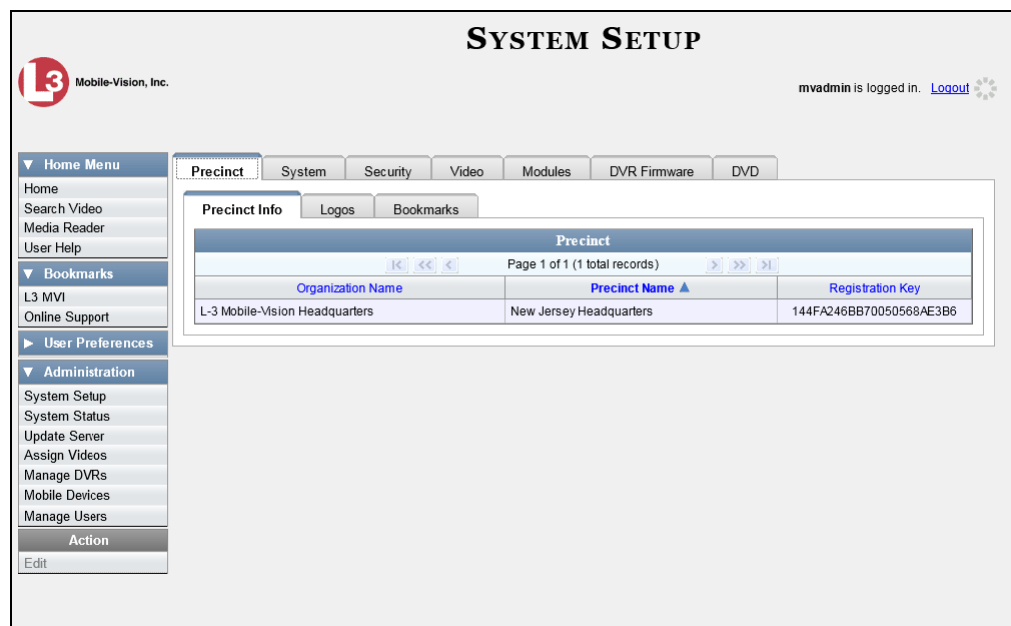
GPS	
Latitude	40.1213
Longitude	-74.8454
Speed	5 MPH
Status	OK

Speed field as it may appear on the Flashback Player



NOTE: The *Display MAX Speed* permission is required to view speed information on the Video Details page; the *Player Display Speed* permission is required to view speed information on the Flashback Player while online (i.e., from the server PC); and the *Export Display Speed* permission is required to view speed information on the Flashback Player while offline (i.e., from an export disc or file). For more information on this topic, see chapter 8, Security.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

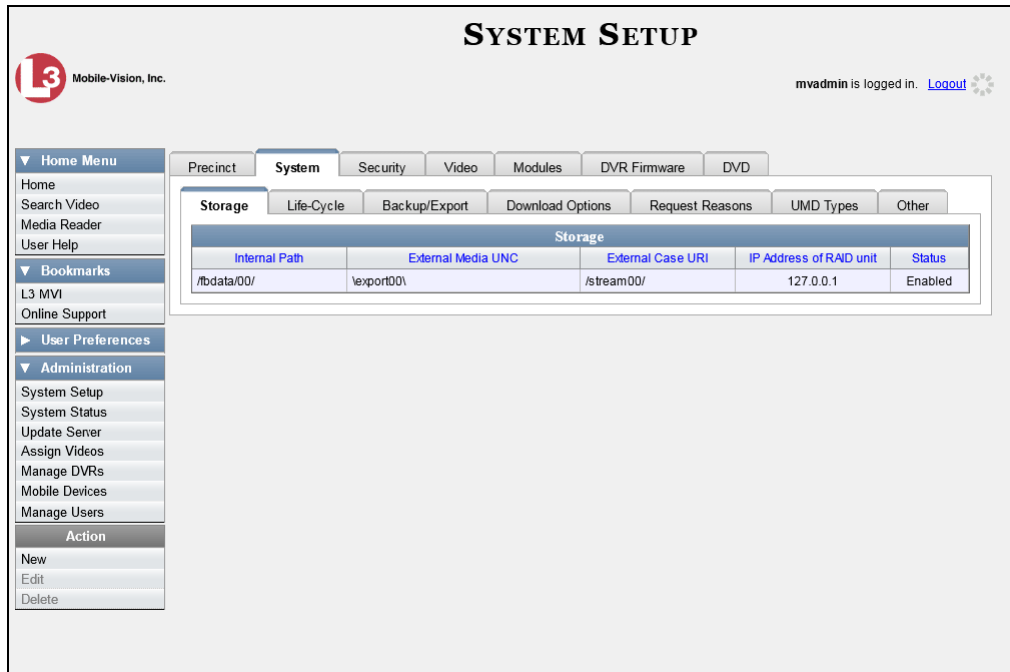
Navigation: Home Menu, Bookmarks, User Preferences, Administration, Action

System Setup: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

Precinct Info: Logos, Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

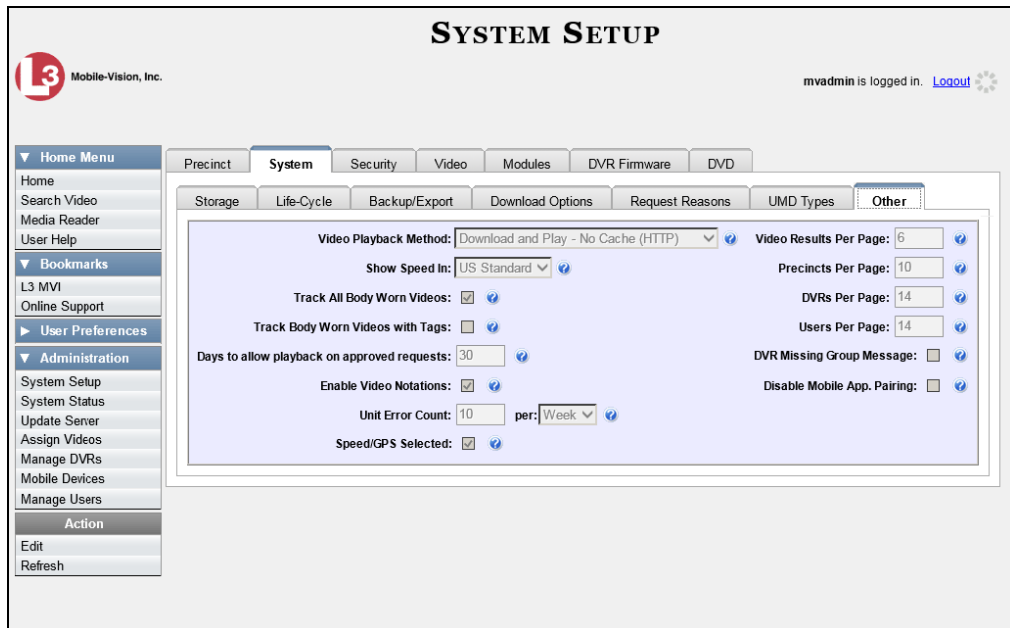
Action: New, Edit, Delete

System Setup: Precinct, **System**, Security, Video, Modules, DVR Firmware, DVD

Storage: Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, **Other**

Storage				
Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\export001	/stream00/	127.0.0.1	Enabled

3 Click the **Other** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: Edit, Refresh

System Setup: Precinct, **System**, Security, Video, Modules, DVR Firmware, DVD

Storage, Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, **Other**

Video Playback Method:

Show Speed In:

Track All Body Worn Videos:

Track Body Worn Videos with Tags:

Days to allow playback on approved requests:

Enable Video Notations:

Unit Error Count: per:

Speed/GPS Selected:

Video Results Per Page:

Precincts Per Page:

DVRs Per Page:

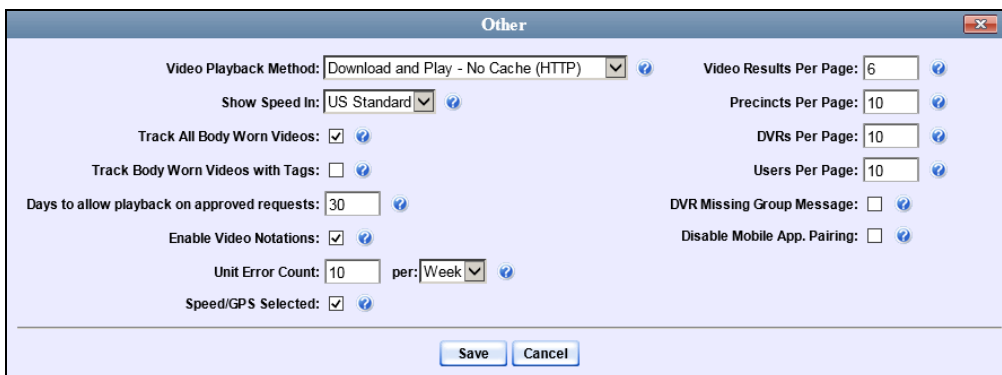
Users Per Page:

DVR Missing Group Message:

Disable Mobile App. Pairing:

4 Go to the **Action** column and click **Edit**. The Other popup displays.

(Continued)



- 5 Go to the *Show Speed In* field and select a new value from the drop-down list: **US Standard** (for *miles per hour*) or **Metric** (for *kilometers per hour*).
- 6 Click **Save**.

Video Categories

This section describes how to change and/or export the information associated with video categories. For a detailed description of video categories and how they are used in DEV, see *Category* in the table on page 33.

For specific instructions, see:

- Maintaining Video Categories, below
- Manually Exporting Video Categories, page 155.

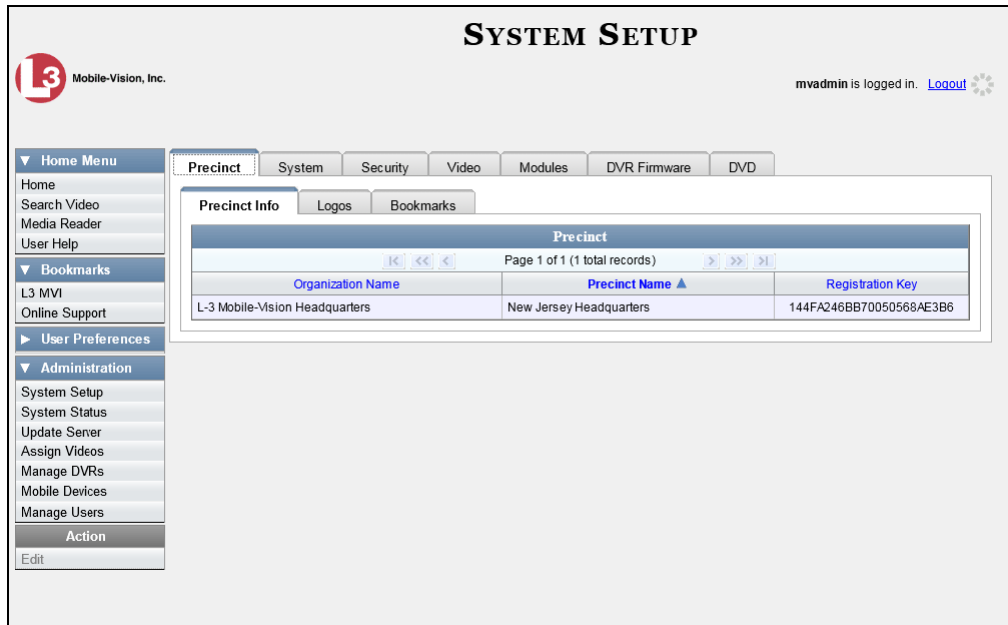
Maintaining Video Categories

This section describes how to change the following information for a video category:

- Category name
- Category backup status (*enabled* vs. *disabled*)
- Category usage status (*in-use* vs. *disabled*)
- Days online (i.e., the number of days a video or snapshot of a certain category will remain online before it can be purged from the server PC).

For more information on video categories, see *Category* in the table on page 33.

- 1 Go to  **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

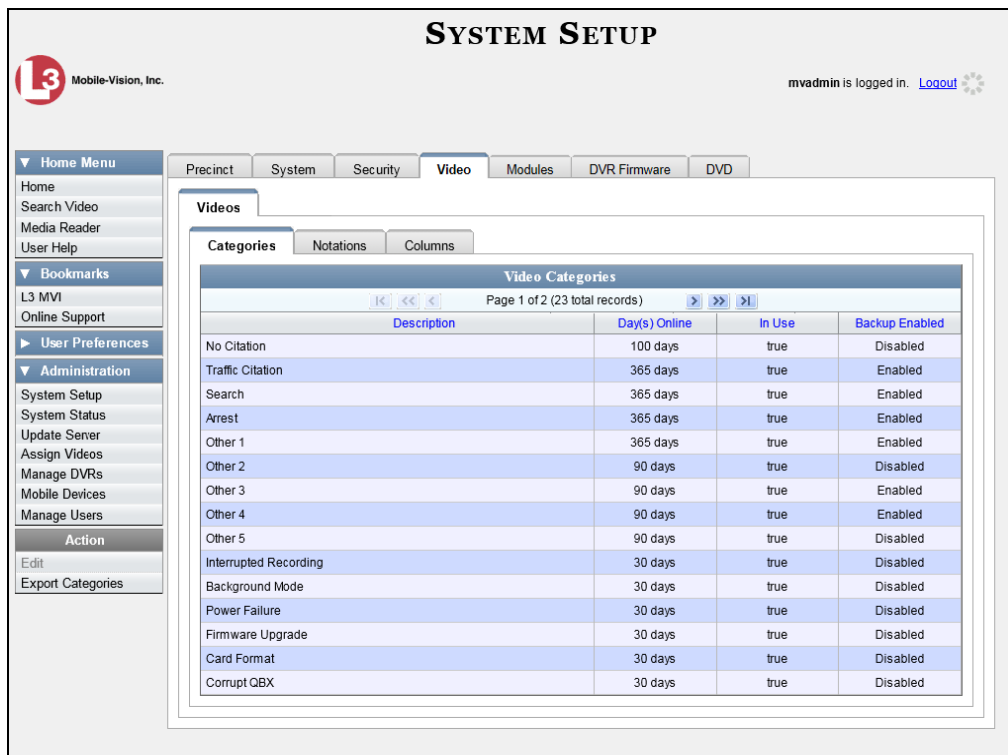
Action: Edit

Navigation: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

Precinct Info: Logos, Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

2 Click the **Video** tab. The current category list displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: Edit, Export Categories

Navigation: Precinct, System, Security, **Video**, Modules, DVR Firmware, DVD

Videos: Categories, Notations, Columns

Video Categories			
Description	Day(s) Online	In Use	Backup Enabled
No Citation	100 days	true	Disabled
Traffic Citation	365 days	true	Enabled
Search	365 days	true	Enabled
Arrest	365 days	true	Enabled
Other 1	365 days	true	Enabled
Other 2	90 days	true	Disabled
Other 3	90 days	true	Enabled
Other 4	90 days	true	Enabled
Other 5	90 days	true	Disabled
Interrupted Recording	30 days	true	Disabled
Background Mode	30 days	true	Disabled
Power Failure	30 days	true	Disabled
Firmware Upgrade	30 days	true	Disabled
Card Format	30 days	true	Disabled
Corrupt QBX	30 days	true	Disabled

3 Right-click on the category you wish to change, then select **Edit** from the popup menu. The Edit Video Categories popup displays.



The fields on this popup are described below.

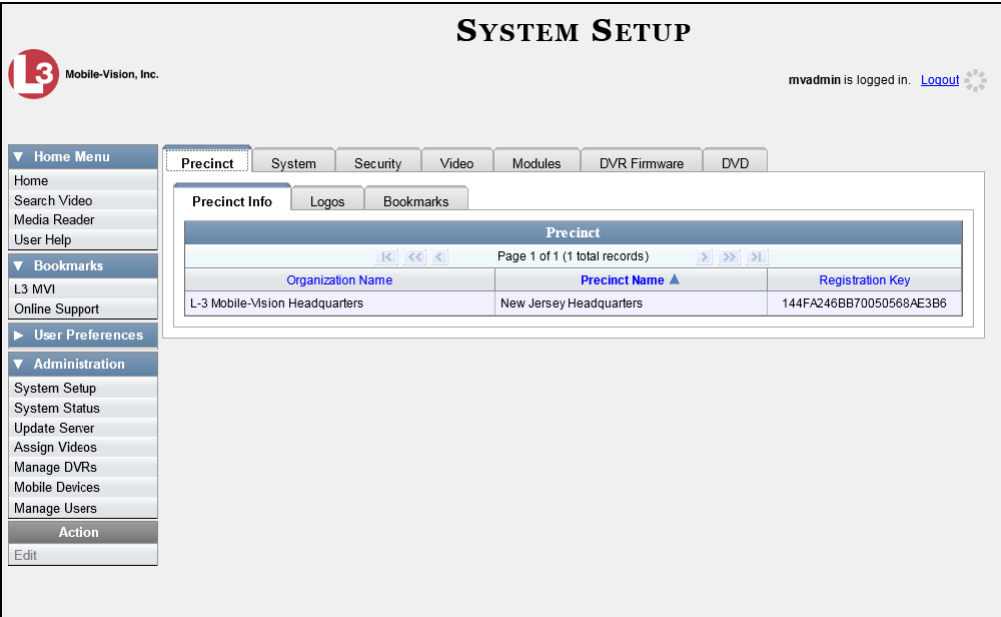
Video Categories	
Field	Description
Priority	A system-defined number that determines the order in which a Flashback video with this category will be transmitted from DVR to server PC. Flashback videos will transmit in the order in which they are listed on the Categories tab.
Description	A descriptive name for this category.
Days Online	The number of days that a video or snapshot with this category will remain online before it can be purged (i.e., moved offline) from the DEV server PC. Note: Just because a file <i>can</i> be purged after a certain number of days doesn't necessarily mean that it <i>will</i> be purged at that time. The exact purge date depends on other factors, such as the amount of storage space available on your server PC, and/or whether or not the <i>Strict Purger</i> setting is selected. For more information, see "Viewing/ Changing the On-line Lifecycle Settings" in chapter 6.
Backup Enabled	A system indicator that determines whether or not a video or snapshot with this category will be auto-archived: ENABLED Any video or snapshot with this category will be auto-archived, unless one of the following conditions applies: 1) the designated backup PC is disabled for some reason, or 2) the <i>Backup Mode</i> field on the <i>Backup Options</i> tab is set to <i>NONE</i> . DISABLED Any video or snapshot with this category will <i>not</i> be auto-archived unless the <i>Backup Mode</i> field on the <i>Backup Options</i> tab is set to <i>ALL</i> .
In Use	A system indicator that determines whether or not this category is currently being used. Yes This category is currently in use and can be assigned to a video or snapshot from the DVR (Flashback videos only) or server PC. No This category is <i>not</i> currently in use (i.e., it's <i>disabled</i>) and <i>cannot</i> be assigned to a video or snapshot.

- 4 To change the name of this category, enter a new name in the *Description* field. Otherwise proceed to the next step.
- 5 To change the number of days that a video or snapshot with this category will remain online before it can be purged, enter a new number in the *Day(s) Online* field. Otherwise proceed to the next step.
- 6 To change the *Backup Enabled* status for this category (see description on the previous page), select a new value from the *Backup Enabled* drop-down list. Otherwise proceed to the next step.
- 7 To change the *In Use* status for this category (see description on the previous page), select a new value from the *In Use* drop-down list. Otherwise proceed to the next step.
- 8 Click **Save**.
- 9 To update another category, repeat steps 3 – 8.

Manually Exporting Video Categories (Flashback2s Only)

Normally, when you change video categories on the server PC, that information is automatically transmitted to each DVR during the next server-to-DVR transmission. However, if your department does not use the wireless downloading feature, you can manually copy updated video categories from the server PC to a Flashback2 DVR, as described in this section.

- 1 Insert a USB drive in a USB port on your PC.
- 2 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

▼ Administration
System Setup
System Status
Update Server
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

Action
Edit

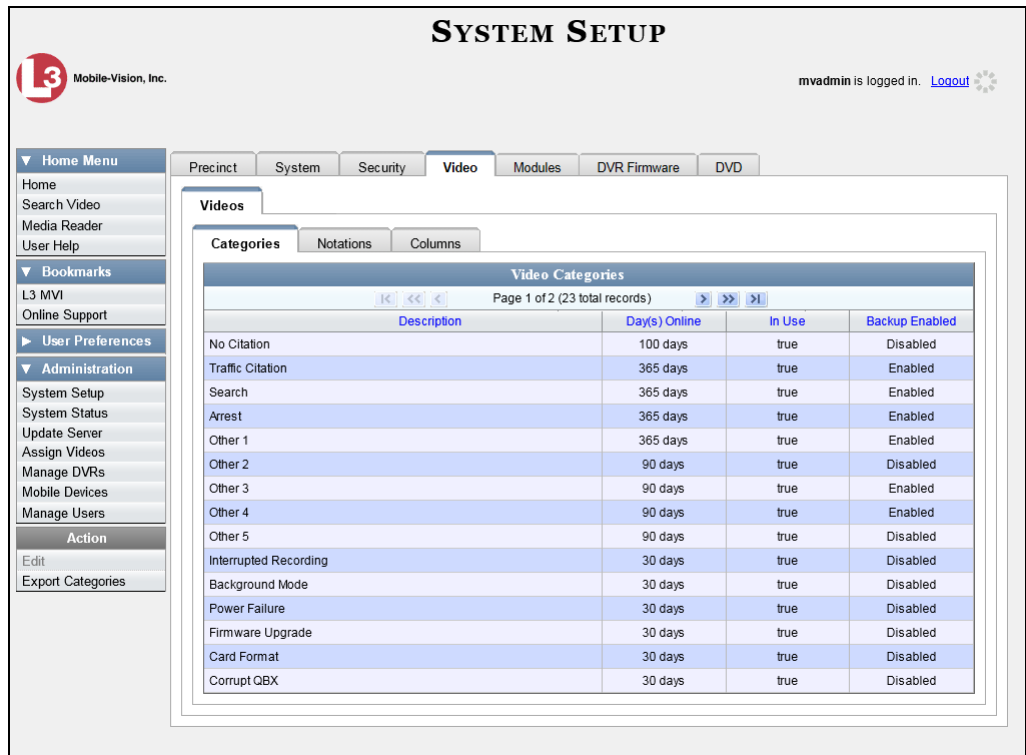
Precinct System Security Video Modules DVR Firmware DVD

Precinct Info Logos Bookmarks

Precinct
Page 1 of 1 (1 total records)

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 3 Click the **Video** tab. The current category list displays.



The screenshot shows the 'SYSTEM SETUP' interface for Mobile-Vision, Inc. The 'Video' tab is selected in the top navigation bar. On the left, there is a sidebar menu with options like 'Home Menu', 'Bookmarks', 'User Preferences', and 'Administration'. The main content area displays a table titled 'Video Categories' with the following data:

Description	Day(s) Online	In Use	Backup Enabled
No Citation	100 days	true	Disabled
Traffic Citation	365 days	true	Enabled
Search	365 days	true	Enabled
Arrest	365 days	true	Enabled
Other 1	365 days	true	Enabled
Other 2	90 days	true	Disabled
Other 3	90 days	true	Enabled
Other 4	90 days	true	Enabled
Other 5	90 days	true	Disabled
Interrupted Recording	30 days	true	Disabled
Background Mode	30 days	true	Disabled
Power Failure	30 days	true	Disabled
Firmware Upgrade	30 days	true	Disabled
Card Format	30 days	true	Disabled
Corrupt QBX	30 days	true	Disabled

- 4 Go to the **Action** column and click **Export Categories**. A Windows message displays.



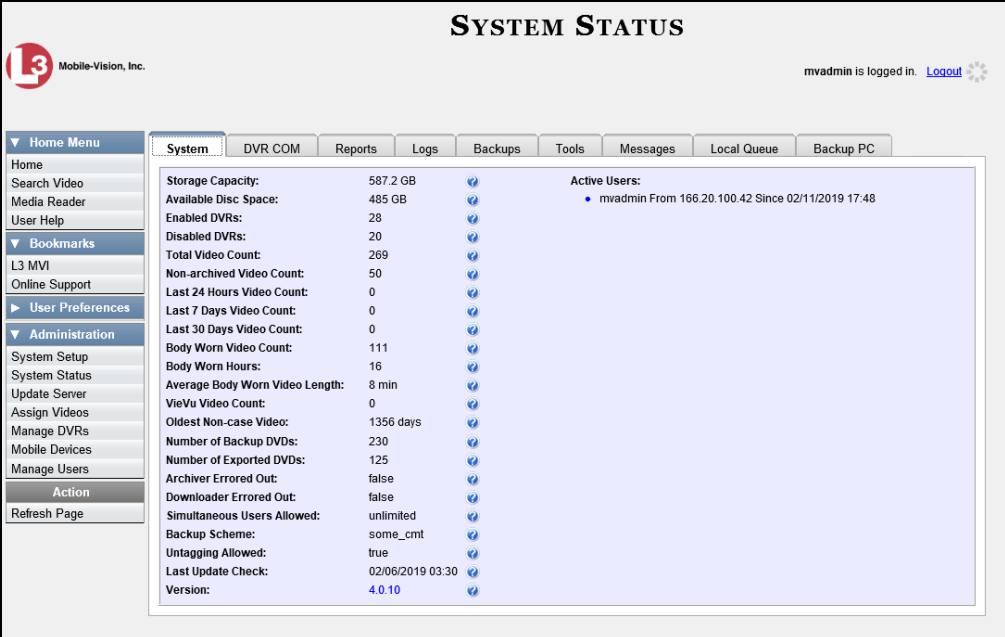
- 5 Select **Save As** from the *Save* drop-down list.
- 6 Navigate to your USB drive.
- 7 Click **Save**. If a confirmation message displays, click **Close**.
- 8 Take the USB drive and use it to load the config.xml file onto the Flashback2, as described in "Copying the config.xml File from a USB Drive to Your DVR" in the *Flashback2 User's Guide*.

Installing the UMD Editor on an Officer's Mobile Data Computer

If your vehicles are equipped with mobile data computers (MDCs), officers have the option of assigning user metadata to their Flashback videos immediately after they are finished recording. However, this option requires that you install an application called the *UMD Editor* on your mobile data computers. You will also need to configure your MDCs for Ethernet.

If your agency is using *Vehicle Viewer* or *Vehicle Viewer Live*, the UMD Editor is already included with those applications.

- 1 If you have not done so already, configure each of your MDCs as an Ethernet network, as described in “Configuring a Flashback DVR for Use With Vehicle Viewer, Vehicle Viewer Live, or the UMD Editor” in chapter 5—DVRs. (**Note:** Using an Ethernet connection in the vehicle will not interfere with your wireless video transmission.)
- 2 Insert a USB flash drive into a USB port on your PC (i.e., the PC you use to connect to the DES application).
- 3 Go to [Administration](#) and click **System Status**. The System Status page displays.



SYSTEM STATUS

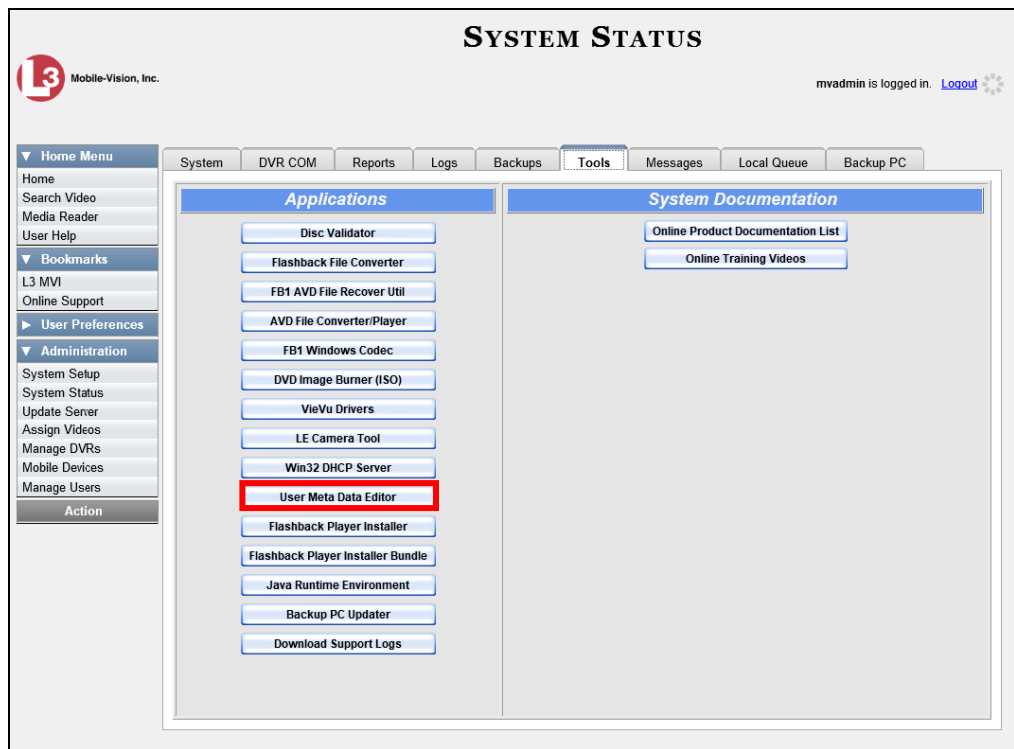
Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

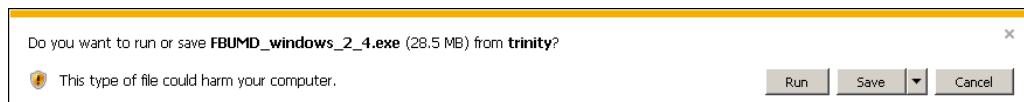
Storage Capacity:	587.2 GB	🔍	Active Users:
Available Disc Space:	485 GB	🔍	
Enabled DVRs:	28	🔍	• mvadmin From 166.20.100.42 Since 02/11/2019 17:48
Disabled DVRs:	20	🔍	
Total Video Count:	269	🔍	
Non-archived Video Count:	50	🔍	
Last 24 Hours Video Count:	0	🔍	
Last 7 Days Video Count:	0	🔍	
Last 30 Days Video Count:	0	🔍	
Body Worn Video Count:	111	🔍	
Body Worn Hours:	16	🔍	
Average Body Worn Video Length:	8 min	🔍	
VieVu Video Count:	0	🔍	
Oldest Non-case Video:	1356 days	🔍	
Number of Backup DVDs:	230	🔍	
Number of Exported DVDs:	125	🔍	
Archiver Errored Out:	false	🔍	
Downloader Errored Out:	false	🔍	
Simultaneous Users Allowed:	unlimited	🔍	
Backup Scheme:	some_cmt	🔍	
Untagging Allowed:	true	🔍	
Last Update Check:	02/06/2019 03:30	🔍	
Version:	4.0.10	🔍	

- 4 Click the **Tools** tab.

(Continued)



- 5 Go to the *Applications* column and click the **User Meta Data Editor** button. A Windows message displays.



- 6 Select **Save As** from the *Save* drop-down list. The Save As window displays.
- 7 Navigate to your USB drive, then click **Save**. A confirmation message displays.

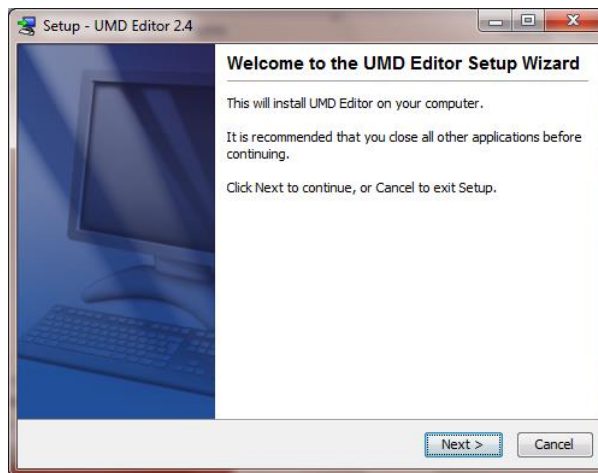


- 8 Remove the USB drive from your PC.

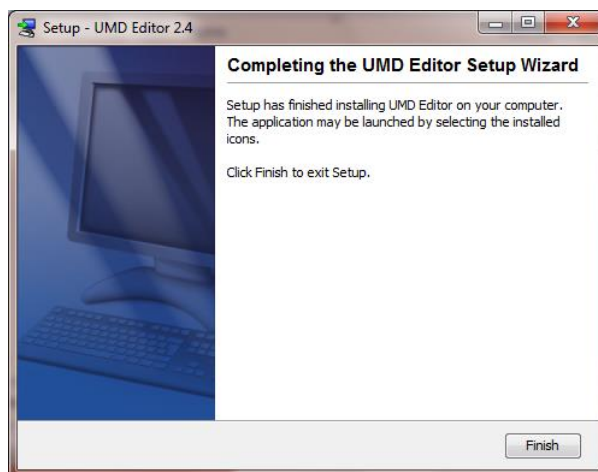
Next, you need to install the UMD editor application on each mobile data computer, as described below.

- 9 Insert the USB drive into a USB port on the in-car mobile data computer.
- 10 Login to the mobile data computer.
- 11 Navigate to the USB drive.

- 12 Click on the **FBUMD_windows_2_4.exe** file, then press **Ctrl + C** to copy it to your clipboard.
- 13 Navigate to the directory on your mobile data computer where you wish to install the UMD editor.
- 14 Press **Ctrl + V** to copy the .exe file to the selected directory.
- 15 Double-click on the **FBUMD_windows_2_4.exe** file. After a momentary delay, the Install Wizard displays.



- 16 Click **Next**. The system begins installing the application on the mobile data computer. When the installation is complete, a confirmation message displays.



- 17 Click **Finish**.
- 18 Remove the USB stick from the USB port.

- Repeat steps 9 – 18 for all of the vehicles in your fleet.



NOTE: The first time you use the UMD Editor you will be prompted to enter the DVR’s IP address. If you don’t know the IP address, you can find it in the DVR’s record. For more information, see “Searching for a DVR” in chapter 4.

Exporting Video Activity to a Spreadsheet

This section describes how to export information on your video activity to a spreadsheet for use with another application, such as a custom reporting tool. This is referred to as the *Media Activity* report. It includes information such as the date and time of automatic video transmissions, the name of users who performed manual uploads, and video backup status. The system automatically updates this report once every day.

- Go to **Administration** and click **System Status**. The System Status page displays.

SYSTEM STATUS

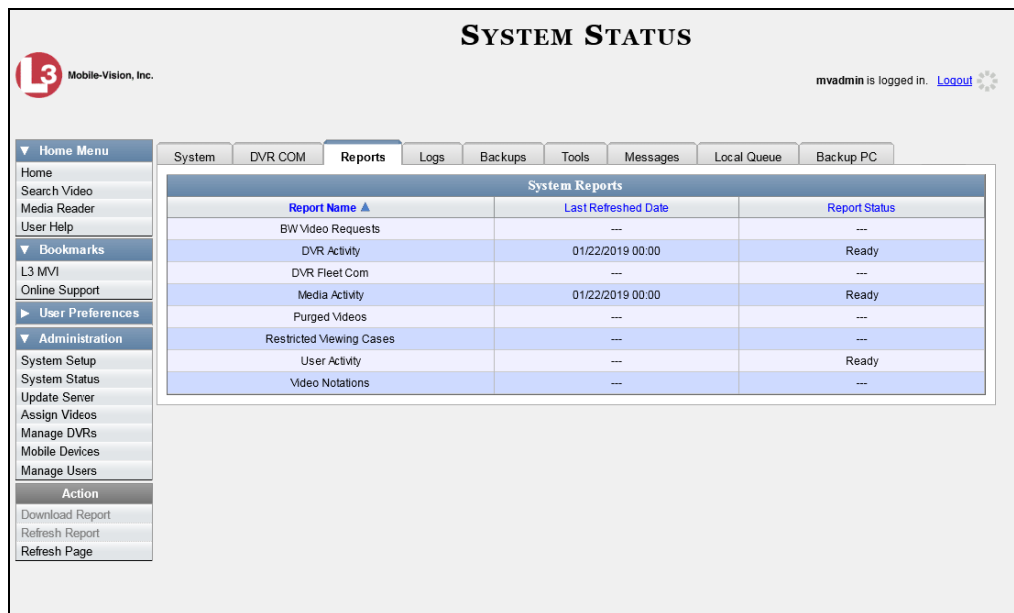
Mobile-Vision, Inc. madmin is logged in. [Logout](#)

System	DVR COM	Reports	Logs	Backups	Tools	Messages	Local Queue	Backup PC
Storage Capacity:	587.2 GB							
Available Disc Space:	485 GB							
Enabled DVRs:	28							
Disabled DVRs:	20							
Total Video Count:	269							
Non-archived Video Count:	50							
Last 24 Hours Video Count:	0							
Last 7 Days Video Count:	0							
Last 30 Days Video Count:	0							
Body Worn Video Count:	111							
Body Worn Hours:	16							
Average Body Worn Video Length:	8 min							
VieVu Video Count:	0							
Oldest Non-case Video:	1356 days							
Number of Backup DVDs:	230							
Number of Exported DVDs:	125							
Archiver Errored Out:	false							
Downloader Errored Out:	false							
Simultaneous Users Allowed:	unlimited							
Backup Scheme:	some_cmt							
Untagging Allowed:	true							
Last Update Check:	02/06/2019 03:30							
Version:	4.0.10							

Active Users:

- madmin From 166.20.100.42 Since 02/11/2019 17:48

- Click the **Reports** tab.



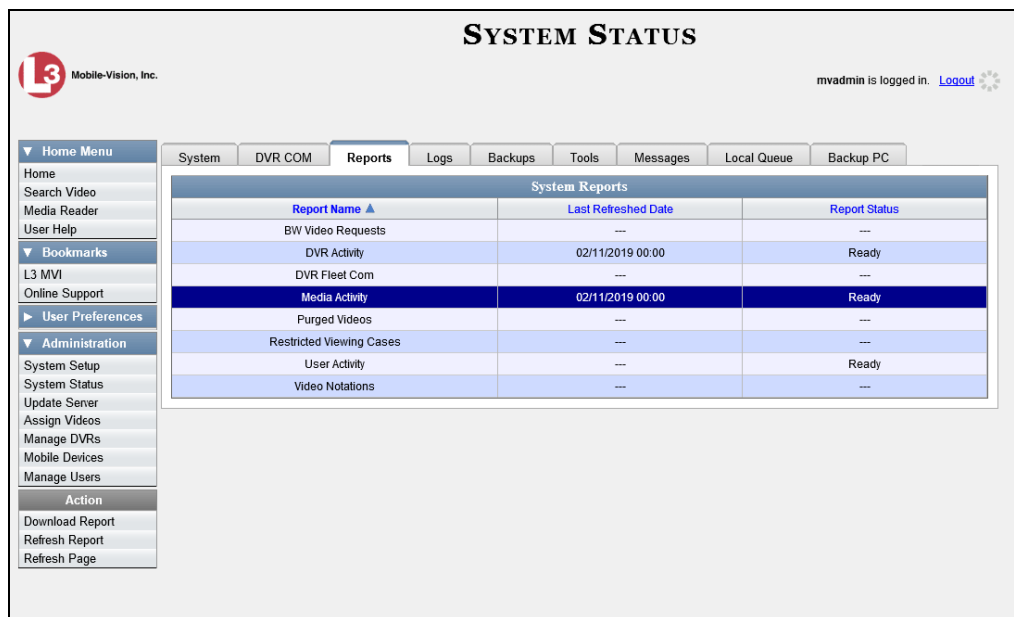
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Reports		
Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	---	---
DVR Activity	01/22/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	01/22/2019 00:00	Ready
Purged Videos	---	---
Restricted Viewing Cases	---	---
User Activity	---	Ready
Video Notations	---	---

3 Click on the **Media Activity** report to highlight it.



SYSTEM STATUS

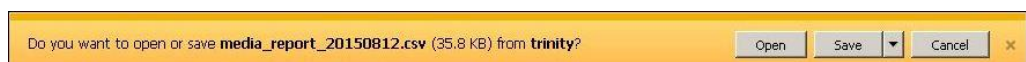
Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Reports		
Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	---	---
DVR Activity	02/11/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	02/11/2019 00:00	Ready
Purged Videos	---	---
Restricted Viewing Cases	---	---
User Activity	---	Ready
Video Notations	---	---

Note the date in the *Last Refreshed Date* column. The Media Activity report you are about to download will contain all system video activity up to this date/time. If you prefer to report on all video activity up to the *current* time, go to the **Action** column and click **Refresh Report** first before proceeding.

4 Go the **Action** column and click **Download Report**. A Windows message displays.



- 5 Click **Open**. The report displays in your default spreadsheet application, such as Microsoft Excel.

Flashback File Converter

The Flashback File Converter utility allows you to convert selected Flashback video files into a format that can be used with third party software applications. Specifically, you can convert:

- AVD files into AVI files (VIEVU videos only)
- QBX files into MP4 files (Flashback2, Flashback3, and FlashbackHD videos).

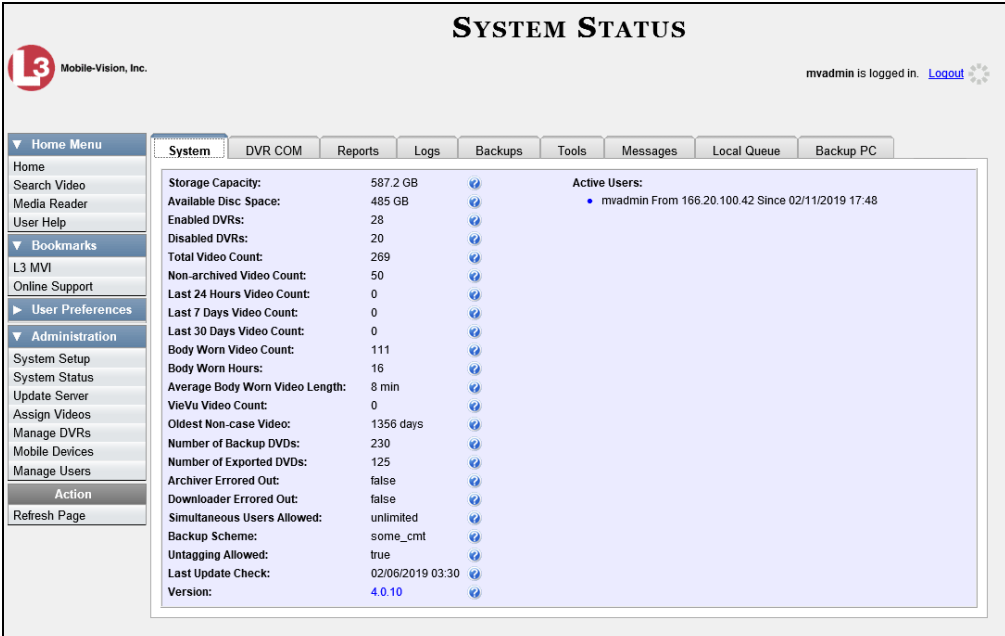
For specific instructions, see:

- Installing the Flashback File Converter, below
- Using the Flashback File Converter, page 165.

Installing the Flashback File Converter

This procedure describes how to install the Flashback File Converter utility on your PC. For more information on this utility, see the previous section, “Flashback File Converter.”

- 1 Go to **Administration** and click **System Status**. The System Status page displays.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

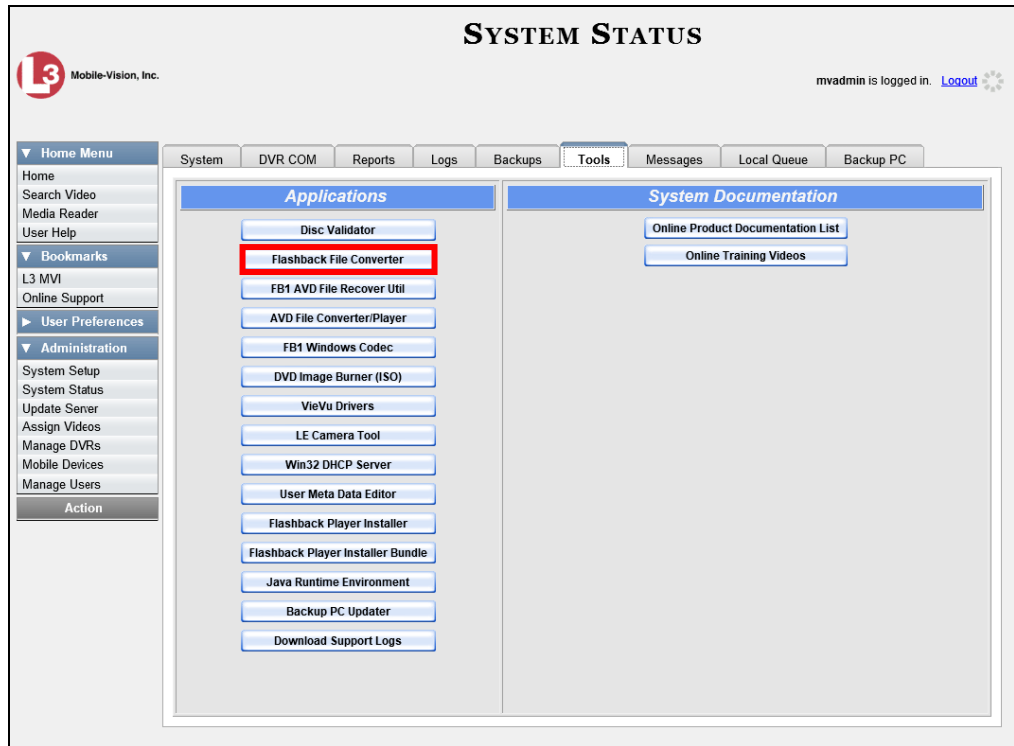
Navigation: Home Menu, Administration, Action

System Status Page Content:

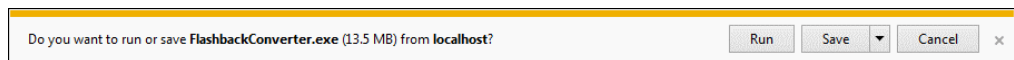
System	DVR COM	Reports	Logs	Backups	Tools	Messages	Local Queue	Backup PC
Storage Capacity:	587.2 GB							
Available Disc Space:	485 GB							
Enabled DVRs:	28							
Disabled DVRs:	20							
Total Video Count:	269							
Non-archived Video Count:	50							
Last 24 Hours Video Count:	0							
Last 7 Days Video Count:	0							
Last 30 Days Video Count:	0							
Body Worn Video Count:	111							
Body Worn Hours:	16							
Average Body Worn Video Length:	8 min							
VieVu Video Count:	0							
Oldest Non-case Video:	1356 days							
Number of Backup DVDs:	230							
Number of Exported DVDs:	125							
Archiver Errored Out:	false							
Downloader Errored Out:	false							
Simultaneous Users Allowed:	unlimited							
Backup Scheme:	some_cmt							
Untagging Allowed:	true							
Last Update Check:	02/06/2019 03:30							
Version:	4.0.10							

Active Users:
• mvadmin From 166.20.100.42 Since 02/11/2019 17:48

- 2 Click the **Tools** tab.



- 3 Go to the Applications column and click the **Flashback File Converter** button. A Windows message displays.

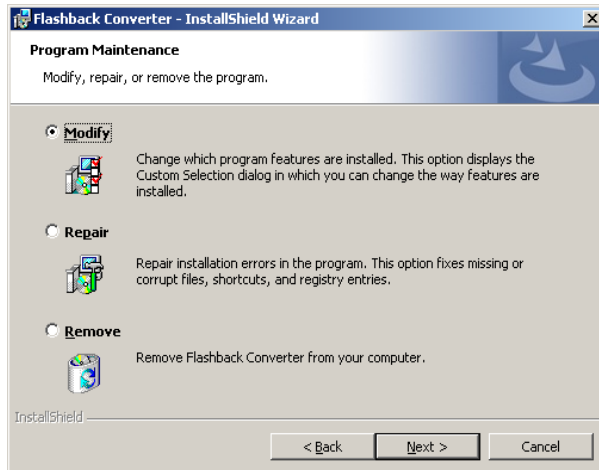


- 4 Click **Run**. If a security message displays, click **Run** again. Otherwise proceed to the next step.

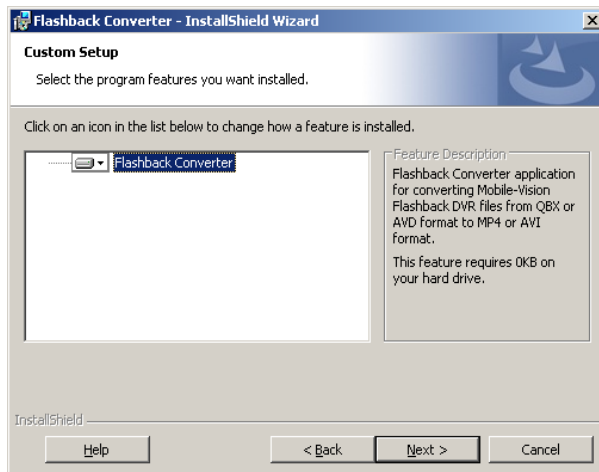
The Flashback Converter InstallShield Wizard displays.



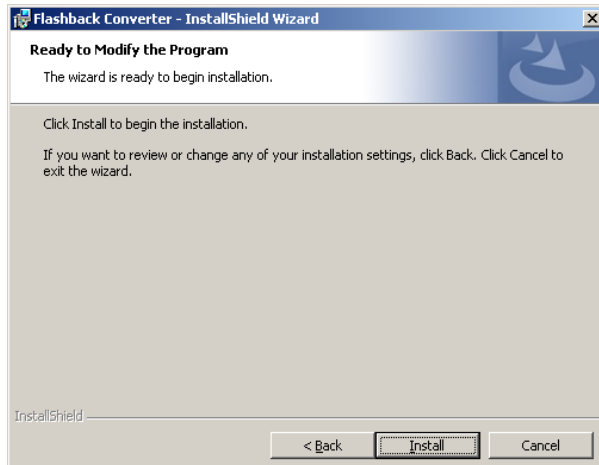
5 Click **Next**.



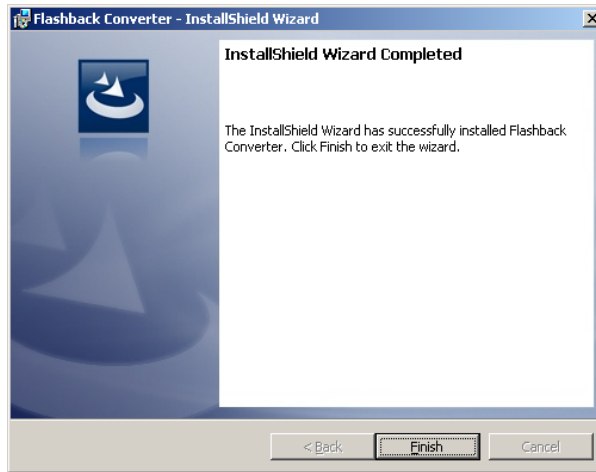
6 Click **Next** again.



5 Click **Next** again. The System prompts you to begin the installation.



- 8 Click **Install**. The system begins installing the application. After the installation is complete, a confirmation message displays.



- 9 Click **Finish**.

For instructions on how to use the Flashback File Converter, see the next section, “Using the Flashback File Converter.”

Using the Flashback File Converter

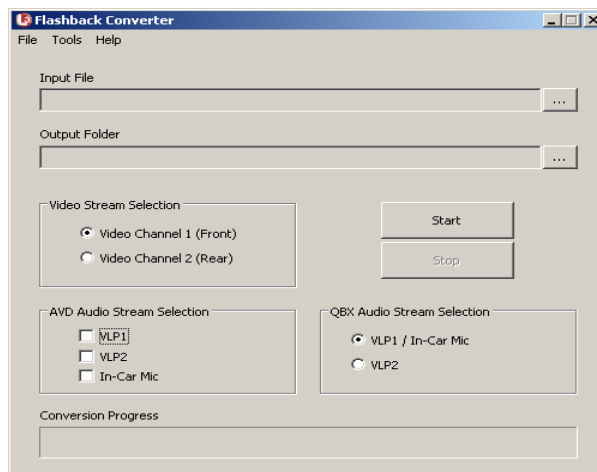
This section describes how to use the Flashback File Converter utility to convert selected video files into a format that can be used with redaction software. Specifically, you can convert AVD files into AVI files (Flashback1s and VIEVUs) and QBX files into MP4 files (Flashback2s, Flashback3s, and FlashbackHDs).

- 1 If you have not done so already, install the Flashback File Converter on your PC, as described in “Installing the Flashback File Converter” on page 162.

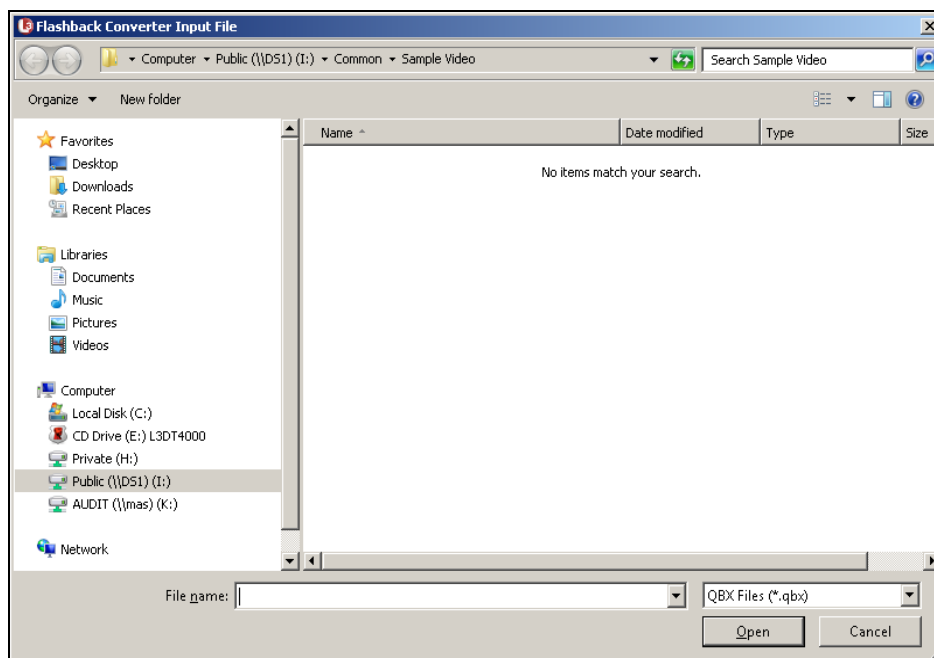


- 2 Go to your desktop and double-click on the Flashback Converter icon. The Flashback Converter application opens.

(Continued)



- 3 Click on the ellipsis icon to the right of the *Input File* field. The Flashback Converter Input File screen displays.

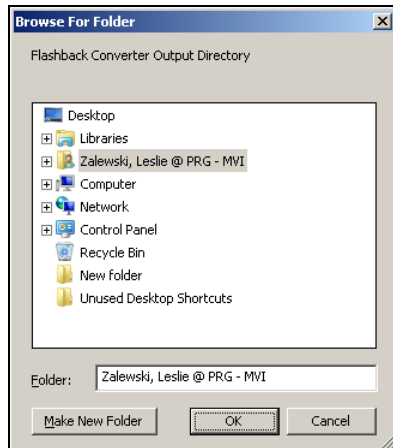


- 4 Navigate to the disk drive location where the file you wish to convert is located.
- 5 If you are converting a Flashback1 or VIEVU AVD file to AVI, select **AVD** from the *Files of type* drop-down list. Otherwise proceed to the next step.
- 6 Click on the file you wish to convert.
- 7 To change the file's name, enter a new name in the *File name* field. Otherwise proceed to the next step.

8 Click **Open**. The selected file name displays in the *Input File* field.



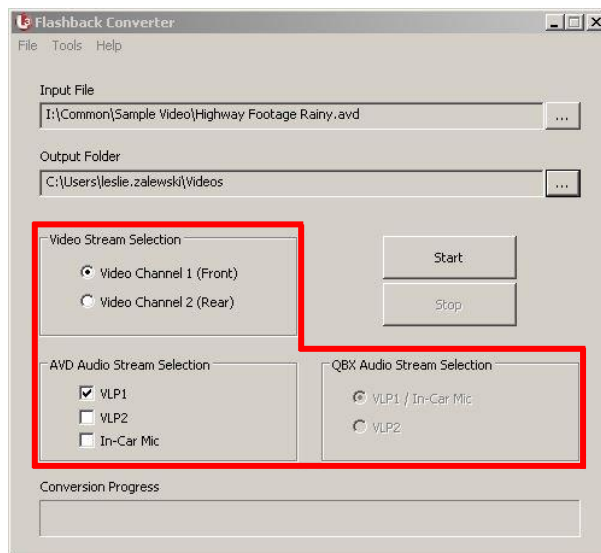
9 Click on the ellipsis icon to the right of the *Output Folder* field. The Browse For Folder popup displays.



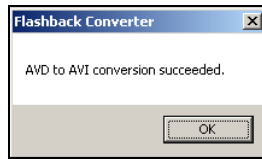
10 Navigate to the folder in which you wish to save the converted file, then click on that folder to highlight it.

11 Click **OK**. The selected disc drive location displays in the *Output Folder* field.

12 If you wish to change any of the default video/audio settings, click the appropriate radio button or checkbox, as pictured below. Otherwise proceed to the next step.



13 Click the **Start** button. The conversion begins. When the process is complete, a confirmation message displays.

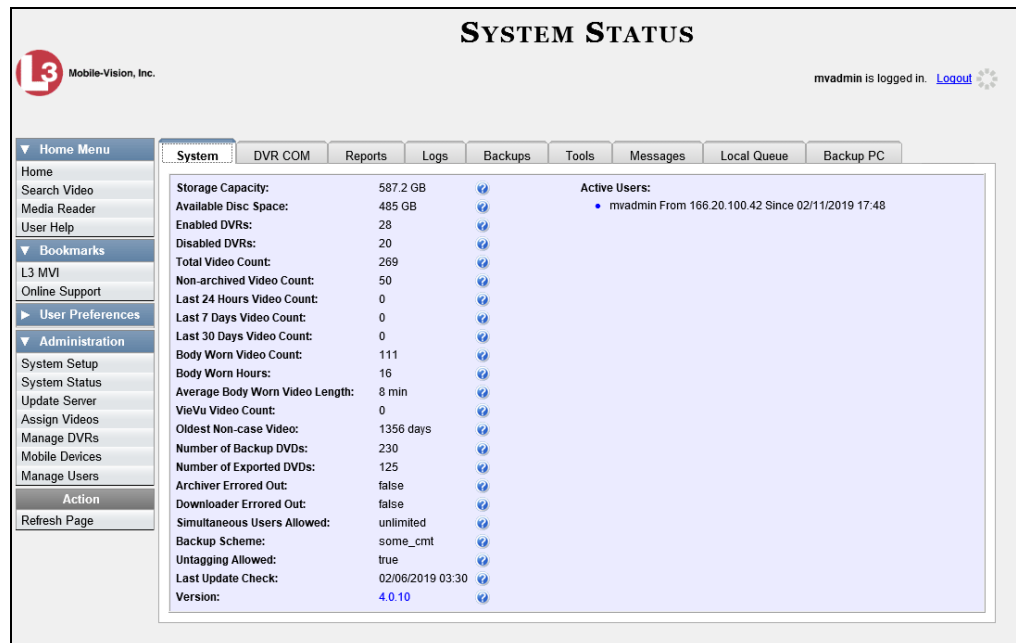


- Click **OK**. When you're ready to import the file into a third-party application, you will find it in your selected output folder.
- To convert another file, repeat steps 3 – 14. Otherwise select **File** → **Exit** from the menubar to exit the application.

Installing the Windows Codec Utility for AVI Videos

Occasionally, customers who have purchased a new PC *or* reimaged an existing PC may have difficulty playing VIEVU videos on their PC. In this circumstance, we recommend that you install a utility called a “codec,” which restores the files that are necessary to play AVI files on a Windows PC. If this procedure does not solve your problem, please contact Mobile-Vision Support for assistance.

- Go to [Administration](#) and click **System Status**. The System Status page displays.



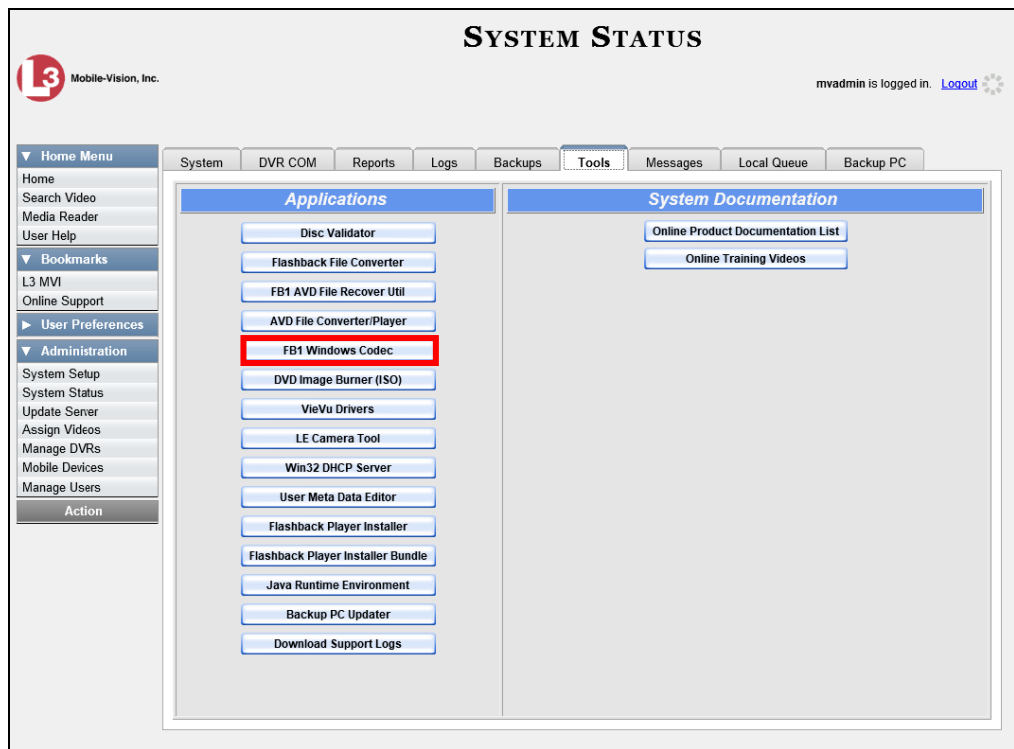
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

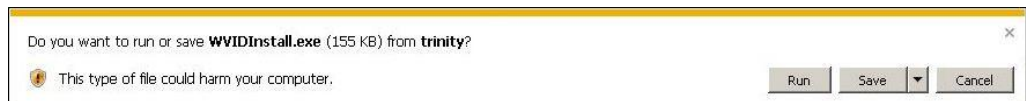
System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB	🔍	Active Users:
Available Disc Space:	485 GB	🔍	• mvadmin From 166.20.100.42 Since 02/11/2019 17:48
Enabled DVRs:	28	🔍	
Disabled DVRs:	20	🔍	
Total Video Count:	269	🔍	
Non-archived Video Count:	50	🔍	
Last 24 Hours Video Count:	0	🔍	
Last 7 Days Video Count:	0	🔍	
Last 30 Days Video Count:	0	🔍	
Body Worn Video Count:	111	🔍	
Body Worn Hours:	16	🔍	
Average Body Worn Video Length:	8 min	🔍	
VieVu Video Count:	0	🔍	
Oldest Non-case Video:	1356 days	🔍	
Number of Backup DVDs:	230	🔍	
Number of Exported DVDs:	125	🔍	
Archiver Errored Out:	false	🔍	
Downloader Errored Out:	false	🔍	
Simultaneous Users Allowed:	unlimited	🔍	
Backup Scheme:	some_cmt	🔍	
Untagging Allowed:	true	🔍	
Last Update Check:	02/06/2019 03:30	🔍	
Version:	4.0.10	🔍	

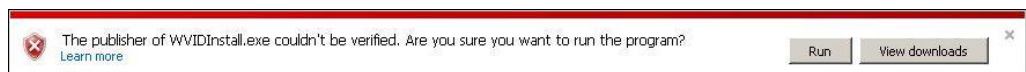
- Click the **Tools** tab. A list of downloadable applications displays in the left column.



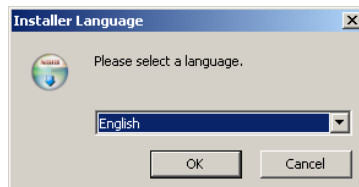
- 3 Click the **FB1 Windows Codec** button. A Windows message displays.



- 4 Click **Run**. A security warning displays.

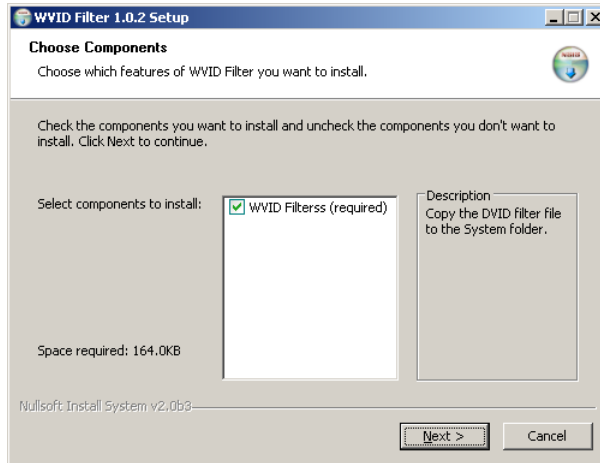


- 5 Click **Run** again. The Installer Language popup displays.

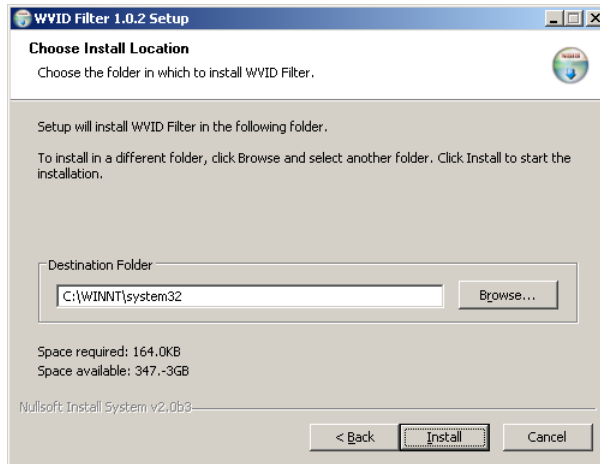


- 6 Click **OK**. The WVID Filter popup displays.

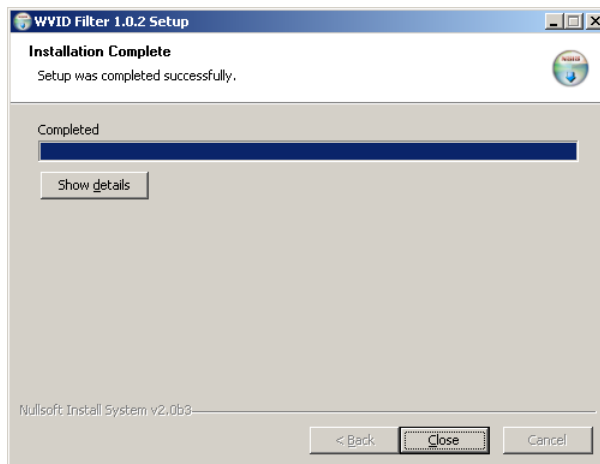
(Continued)



7 Click Next.



8 Click Install.



9 Click Close.

Manually Installing the VIEVU Drivers

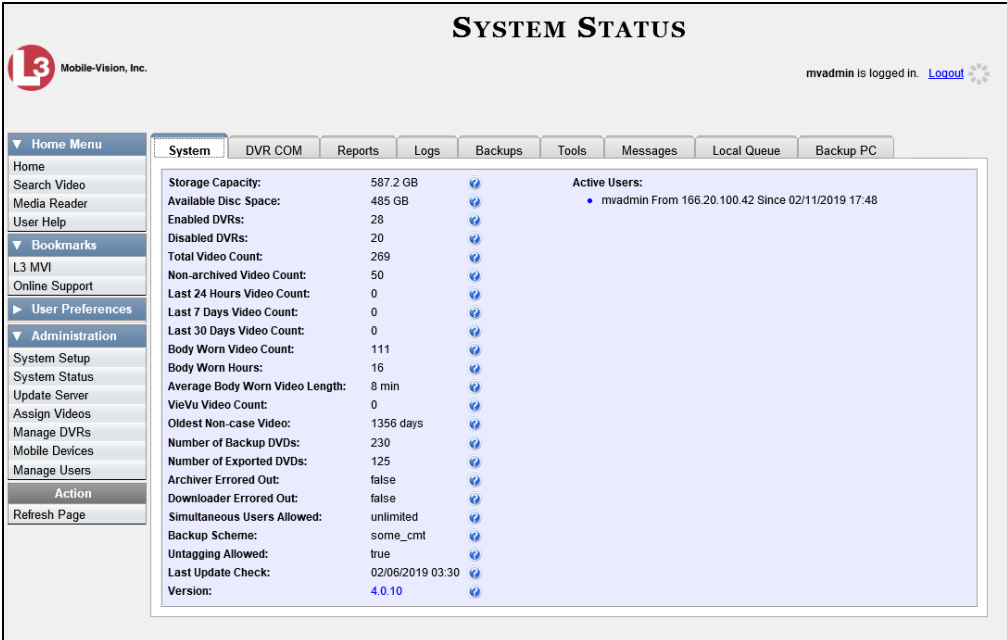
The VIEVU is a small, body worn DVR previously sold by Mobile-Vision. The first time you connect a VIEVU to your PC, you will typically be prompted to download two drivers that are required to operate the VIEVU. However, if your computer does not recognize the VIEVU cable or cannot automatically locate the drivers, you can *manually* download these drivers from the **Tools** tab in the DEV application, as described here.

- 1 If the VIEVU is currently connected to your PC, disconnect the VIEVU's two USB cables.

– OR –

If the VIEVU is *not* connected to your PC, proceed to the next step.

- 2 Go to **Administration** and click **System Status**. The System Status page displays.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu

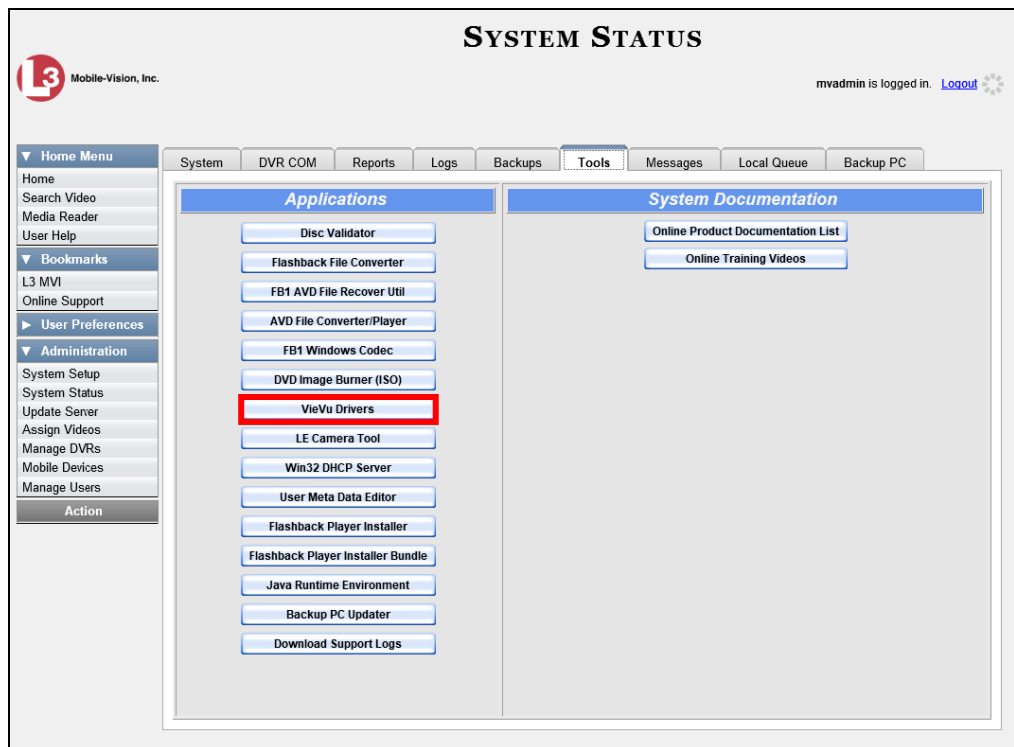
- Home
- Search Video
- Media Reader
- User Help
- Bookmarks
- L3 MVI
- Online Support
- User Preferences
- Administration**
- System Setup
- System Status
- Update Server
- Assign Videos
- Manage DVRs
- Mobile Devices
- Manage Users
- Action
- Refresh Page

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB	🔍	Active Users:
Available Disc Space:	485 GB	🔍	• mvadmin From 166.20.100.42 Since 02/11/2019 17:48
Enabled DVRs:	28	🔍	
Disabled DVRs:	20	🔍	
Total Video Count:	269	🔍	
Non-archived Video Count:	50	🔍	
Last 24 Hours Video Count:	0	🔍	
Last 7 Days Video Count:	0	🔍	
Last 30 Days Video Count:	0	🔍	
Body Worn Video Count:	111	🔍	
Body Worn Hours:	16	🔍	
Average Body Worn Video Length:	8 min	🔍	
VieVu Video Count:	0	🔍	
Oldest Non-case Video:	1356 days	🔍	
Number of Backup DVDs:	230	🔍	
Number of Exported DVDs:	125	🔍	
Archiver Errored Out:	false	🔍	
Downloader Errored Out:	false	🔍	
Simultaneous Users Allowed:	unlimited	🔍	
Backup Scheme:	some_cmt	🔍	
Untagging Allowed:	true	🔍	
Last Update Check:	02/06/2019 03:30	🔍	
Version:	4.0.10	🔍	

- 3 Click the **Tools** tab.

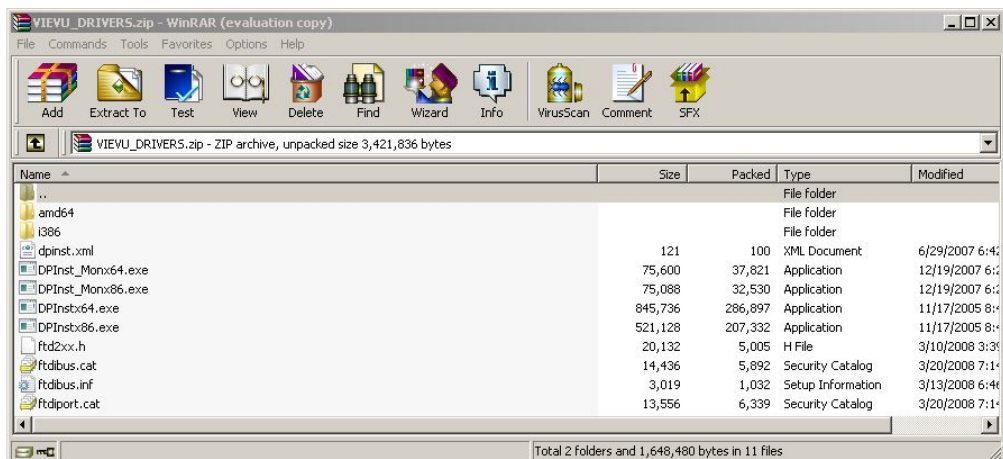
(Continued)



- 4 Go to the *Applications* column and click the **VieVu Drivers** button. A Windows message displays.



- 5 Select **Save As** from the *Save* drop-down list.
- 6 Navigate to an empty folder, then select the “extract to [name] folder” option.
- 7 Click **Open**. The contents of the VIEVU_DRIVERS.zip file display.




- 8 If your PC has a 64-bit operating system, double-click on **DPInstx64.exe**
– OR –

If your PC has a 32-bit operating system, double-click on **DPInst_Mon86.exe**



HINT: If you aren't sure what type of operating system you have, double-click on either **DPInstx64.exe** or **DPInst_Mon86.exe**. If you get an error message, you'll know that you selected the *wrong* file.

Once you double-click on the appropriate file, a DOS screen will briefly flash on-screen, indicating that the drivers have been installed.

- 9 Go to the upper right corner of the page and click **Logout** to exit DEV.
- 10 Click the  in the upper right corner of the page to close your browser.
- 11 Reboot your PC.
- 12 Log back into DEV.
- 13 If you plan to upload VIEVU videos right now, plug the VIEVU's USB cables back into your PC, then proceed to the appropriate topic:
 - Manually Uploading Videos from a VIEVU LE2, page 85, beginning with step 13, or
 - Manually Uploading Videos from a VIEVU LE3, page 88, beginning with step 4.

Manually Installing the Flashback Player

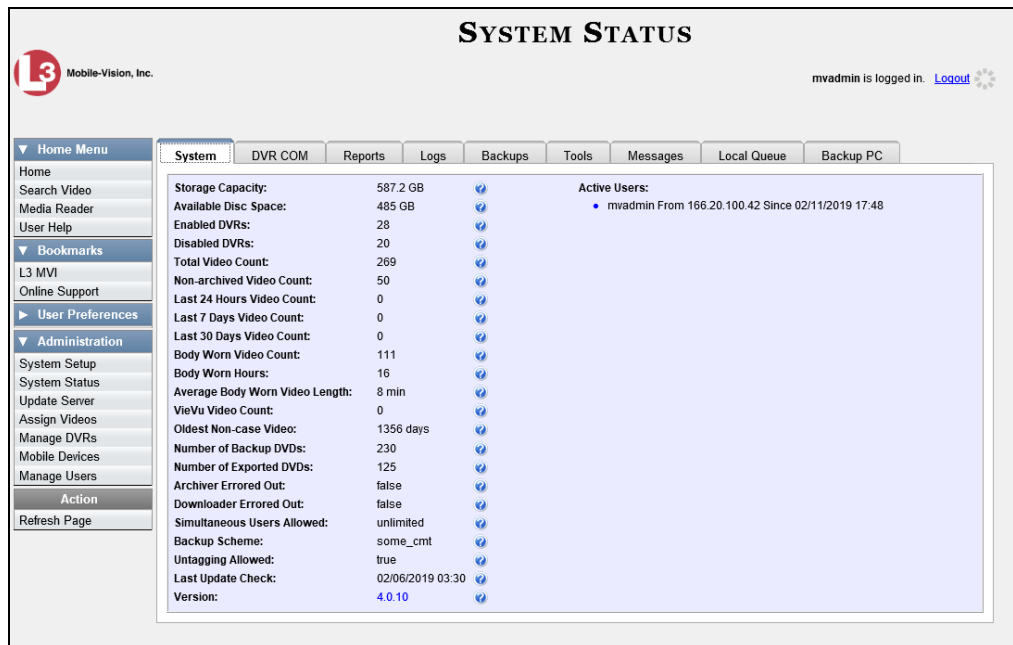
Typically, the Flashback Player launches automatically when you attempt to play a Flashback or *BodyVISION* video from the DEV server PC. However, if your agency prohibits the running of .exe files from the browser's "temp" folder, you can manually download the Flashback Player from the **Tools** tab. The Flashback Player is installed like any other Windows 32-bit application—in the Windows *Program Files* folder.

There are two file options available for installing the Flashback Player:

- .exe file (*Flashback Player Installer* button)
- .zip file (*Flashback Player Installer Bundle* button).

Both file options require Windows administrative privileges on the client workstation to install. Select the bundle option if you are an IT Administrator and you plan to install the Flashback Player through a Microsoft System Management Server (SMS) or a Microsoft System Center Configuration Manager (ConfigMgr). The bundled scripts will allow IT Administrators to install the Flashback Player silently.

- 1 Go to **Administration** and click **System Status**. The System Status page displays.



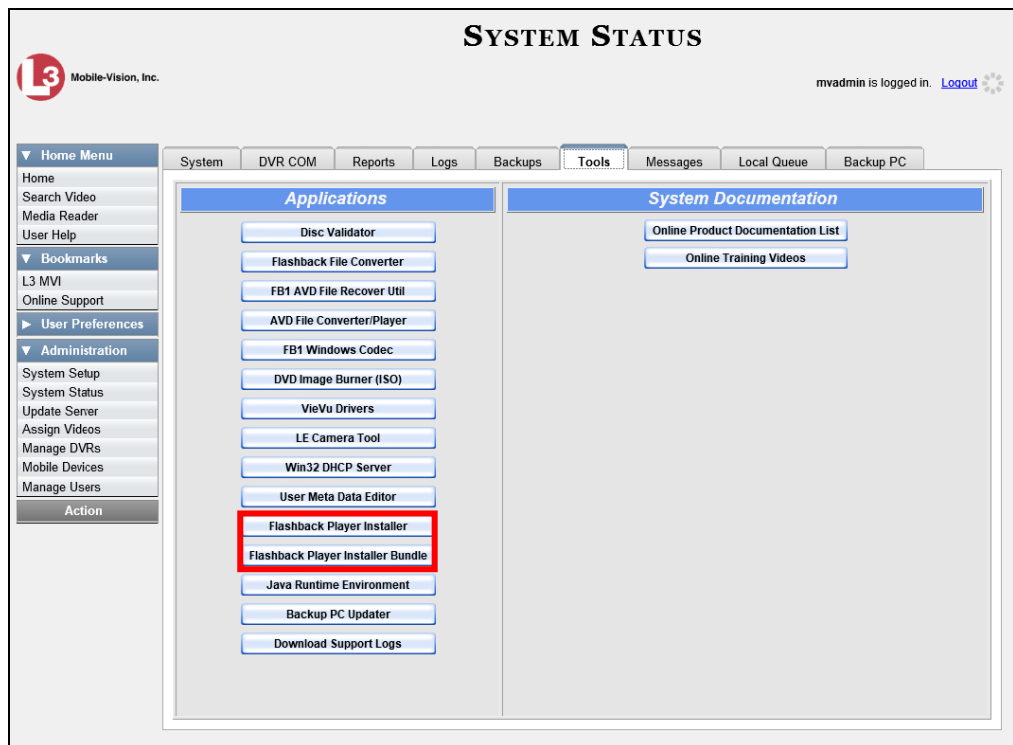
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB	🔍	Active Users:	
Available Disc Space:	485 GB	🔍	• mvadmin From 166.20.100.42 Since 02/11/2019 17:48	
Enabled DVRs:	28	🔍		
Disabled DVRs:	20	🔍		
Total Video Count:	269	🔍		
Non-archived Video Count:	50	🔍		
Last 24 Hours Video Count:	0	🔍		
Last 7 Days Video Count:	0	🔍		
Last 30 Days Video Count:	0	🔍		
Body Worn Video Count:	111	🔍		
Body Worn Hours:	16	🔍		
Average Body Worn Video Length:	8 min	🔍		
VieVu Video Count:	0	🔍		
Oldest Non-case Video:	1356 days	🔍		
Number of Backup DVDs:	230	🔍		
Number of Exported DVDs:	125	🔍		
Archiver Errored Out:	false	🔍		
Downloader Errored Out:	false	🔍		
Simultaneous Users Allowed:	unlimited	🔍		
Backup Scheme:	some_cmt	🔍		
Untagging Allowed:	true	🔍		
Last Update Check:	02/06/2019 03:30	🔍		
Version:	4.0.10	🔍		

- 2 Click the **Tools** tab.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | **Tools** | Messages | Local Queue | Backup PC

Applications

- Disc Validator
- Flashback File Converter
- FB1 AVD File Recover Util
- AVD File Converter/Player
- FB1 Windows Codec
- DVD Image Burner (ISO)
- VieVu Drivers
- LE Camera Tool
- Win32 DHCP Server
- User Meta Data Editor
- Flashback Player Installer**
- Flashback Player Installer Bundle**
- Java Runtime Environment
- Backup PC Updater
- Download Support Logs

System Documentation

- Online Product Documentation List
- Online Training Videos

- 3 To install the Flashback Player on your local PC, click the **Flashback Player Installer** button.

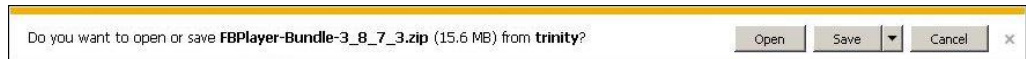
– OR –

To install the Flashback Player through SMS or ConfigMgr (also referred to as a *silent* installation or update), click the **Flashback Player Installer Bundle** button.

A Windows message displays. This message will differ slightly depending on whether you are performing a *silent* or *PC* installation.

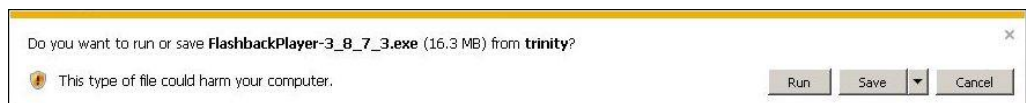
Silent Installation





PC Installation

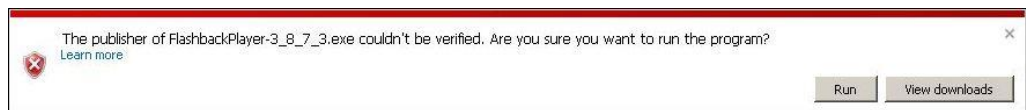




- 4 If you are performing a *silent* installation, click **Open**. From this point on, the installation procedure will vary depending on your particular network configuration. If you are not sure how to proceed, speak with your agency's IT network specialist or Mobile-Vision Support professional for assistance. **End of Procedure**.

– OR –

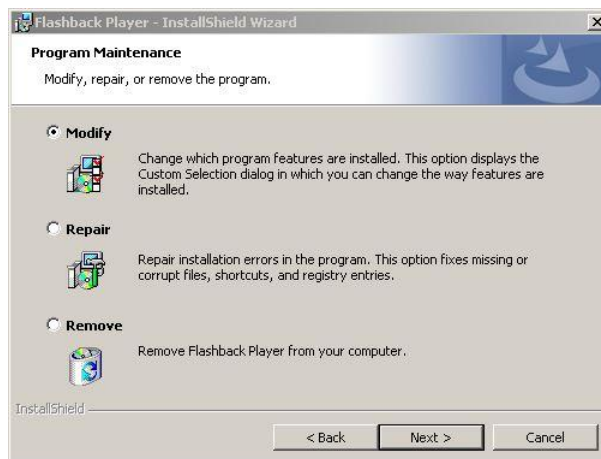
If you are performing a *PC* installation, click **Run**.



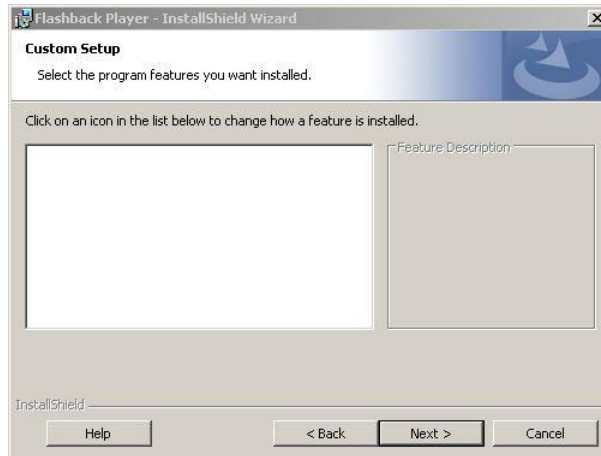
- 5 If a security message displays, click **Run** again. Otherwise proceed to the next step.



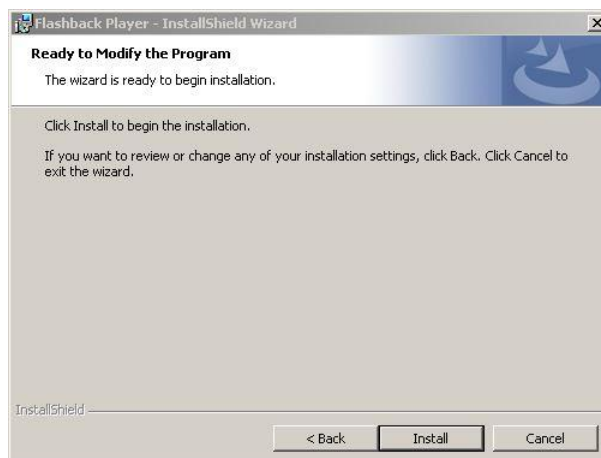
- 6 Once the Install Wizard displays, click **Next**.



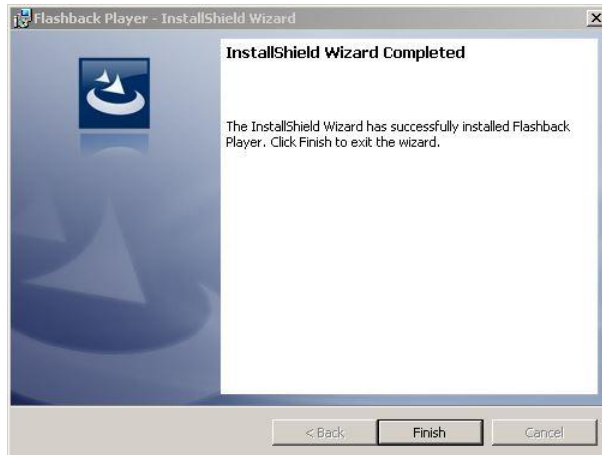
7 Click **Next** again.



8 Click **Next** again. The system prompts you to begin the installation.



- 9 Click **Install**. The system begins installing the Flashback Player. Once the installation is complete, a confirmation message displays.



- 10 Click **Finish**.
- 11 Go to the upper right corner of the page and click **Logout** to exit DEV.
- 12 Click the in the upper right corner of the page to close your browser.
- 13 Open your browser again and log back into DEV.

Body Worn Viewing Requests

If desired, your agency can limit access to *BodyVISION* and BWX-100 videos by activating one of two Body Worn Tracking functions:

- Track All Body Worn Videos*. When this feature is on, DEV will restrict the viewing of all *BodyVISION* and BWX-100 videos unless a user has the *Authorize Media Playback* or *Can View Body Worn Videos* permission. Users who lack the required permissions will have to submit a *viewing request* to their supervisor. The supervisor, in turn, will subsequently approve or deny their subordinate's viewing request as described in "Approving/Denying a Viewing Request" on page 180.
- Track All Body Worn Videos with Tags*. When this feature is on, DEV will restrict the viewing of *BodyVISION* and BWX-100 videos that have a trace point or video notation attached to them. The only exception is for users that have the *Authorize Media Playback* or *Can View Body Worn Videos* permission. Such users will be able to view all Body Worn videos, regardless of whether a video has an embedded tracepoint or video notation. Users who *lack* the required permissions will have to submit a *viewing request* to their supervisor.

For more information, see:

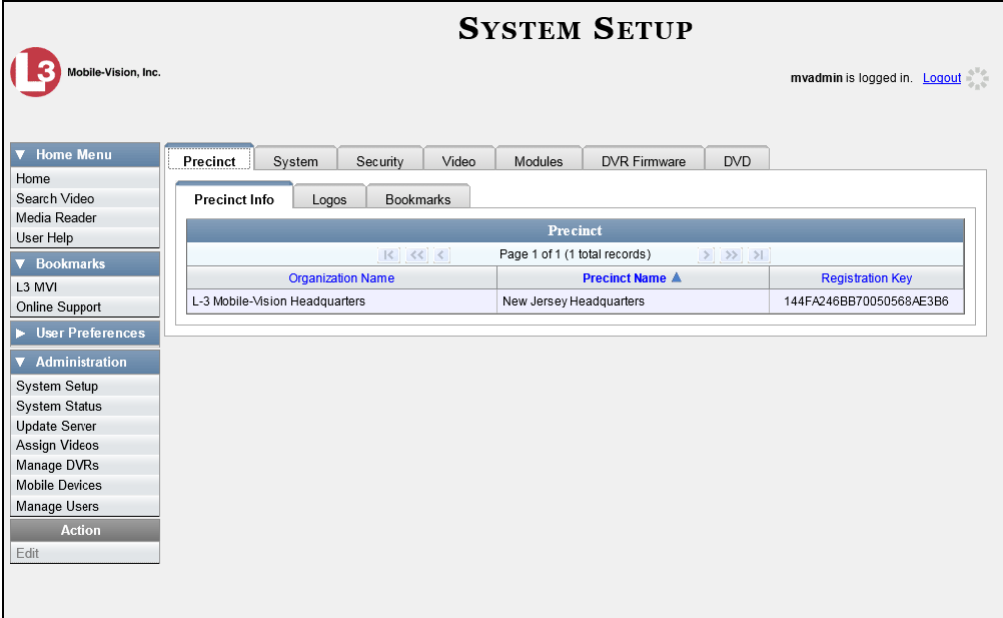
- Tracking Body Worn Videos, below
- Approving/Denying a Viewing Request, page 180
- Displaying Your Active Viewing Requests, page 183
- Revoking an Active Viewing Request, page 185
- Changing the Expiration Date for Viewing Approvals, 186
- Exporting Viewing Request Activity to a Spreadsheet, page 189
- Maintaining Viewing Request Reasons, page 191.

Tracking Body Worn Videos

This section describes how to activate (turn on) one of the two functions used to limit user access to *BodyVISION* and BWX-100 videos:

- Track All Body Worn Videos.* When this function is on, all users who lack the proper permissions* will have to submit a viewing request to their supervisor in order to view any Body Worn video or its associated snapshots.
- Turn All Body Worn Videos with Tags.* When this function is on, all users who lack the proper permissions* will have to submit a viewing request to their supervisor in order to view a Body Worn video that has an embedded *tracepoint* or *video notation*.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

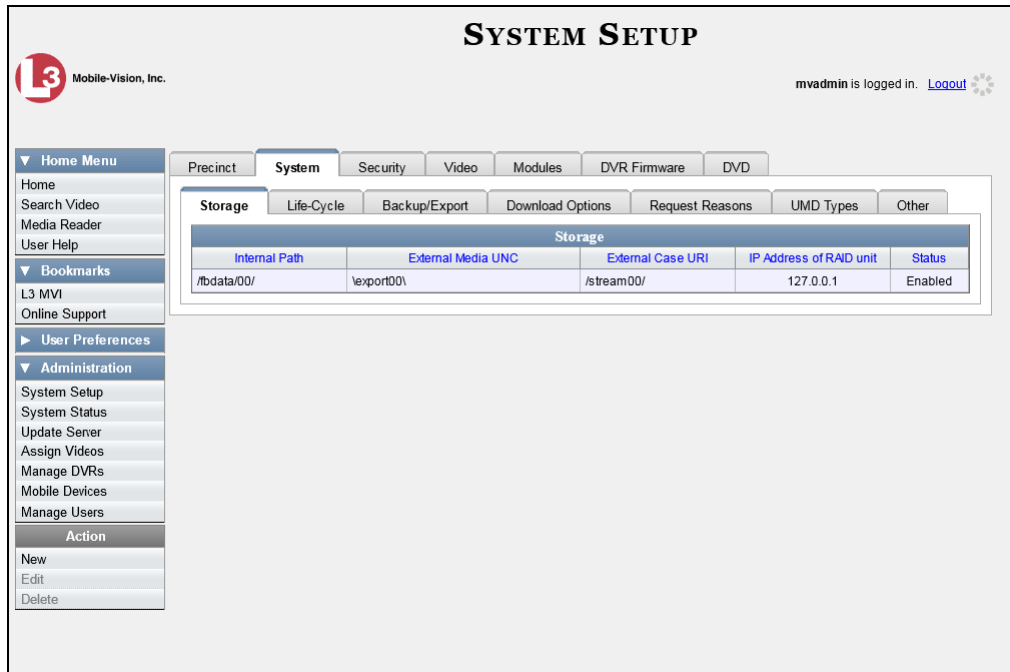
Action: Edit

Precinct Info Logos Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.

* The *Authorize Media Playback* and/or *Can View Body Worn Videos* permission



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

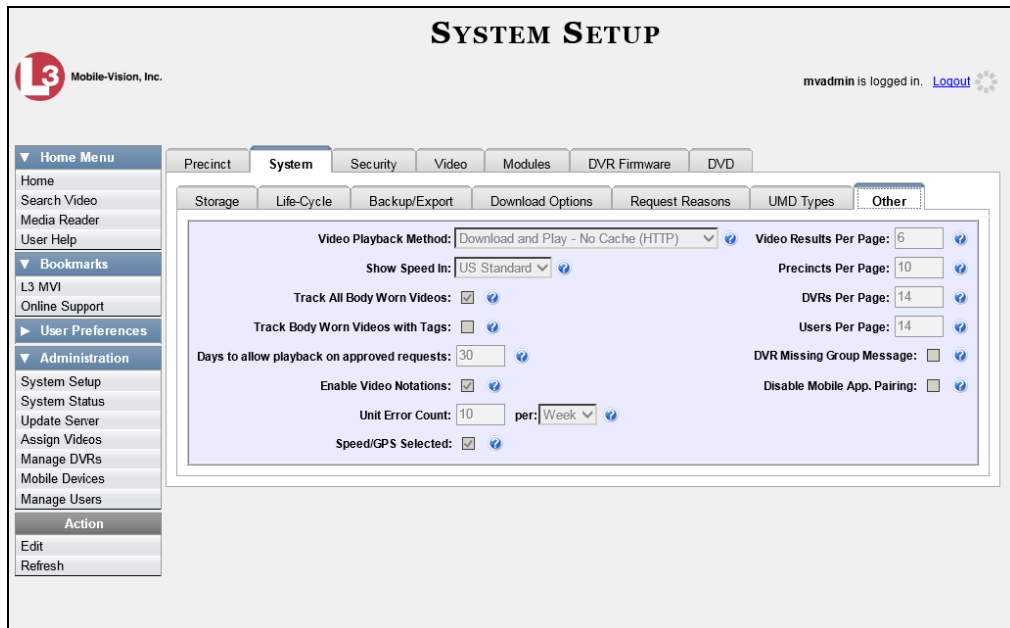
Action: New, Edit, Delete

System Setup: Precinct, **System**, Security, Video, Modules, DVR Firmware, DVD

Storage: Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, **Other**

Storage				
Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\export001	/stream00/	127.0.0.1	Enabled

3 Click the **Other** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: Edit, Refresh

System Setup: Precinct, **System**, Security, Video, Modules, DVR Firmware, DVD

Storage, Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, **Other**

Video Playback Method:

Show Speed In:

Track All Body Worn Videos:

Track Body Worn Videos with Tags:

Days to allow playback on approved requests:

Enable Video Notations:

Unit Error Count: per:

Speed/GPS Selected:

Video Results Per Page:

Precincts Per Page:

DVRs Per Page:

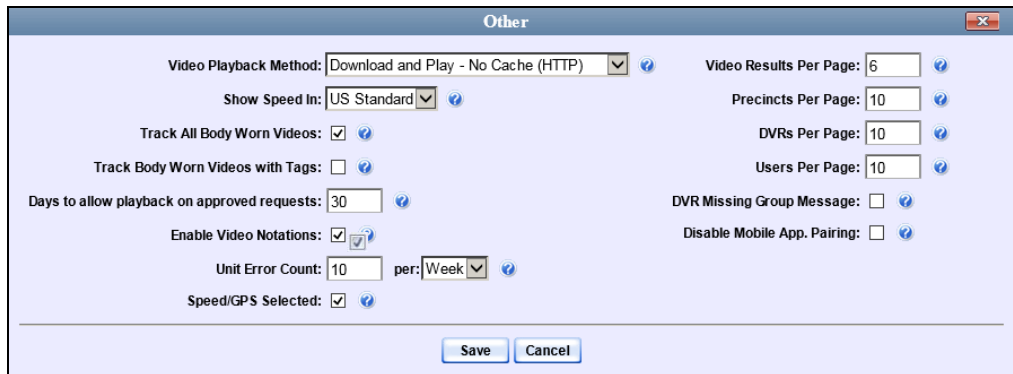
Users Per Page:

DVR Missing Group Message:

Disable Mobile App. Pairing:

4 Go to the **Action** column and click **Edit**. The Other popup displays.

(Continued)



- 5 If you want all un-permissioned* users to submit a viewing request to their supervisor in order to view any *BodyVISION* or BWX-100 video, select the *Track Body Worn Videos* checkbox.

– OR –


If you want all un-permissioned* users to submit a viewing request to their supervisor in order to view a *BodyVISION* or BWX-100 video that has an embedded *tracepoint* or *video notation*, select the *Track Body Worn Videos with Tags* checkbox.

- 6 Click **Save**.

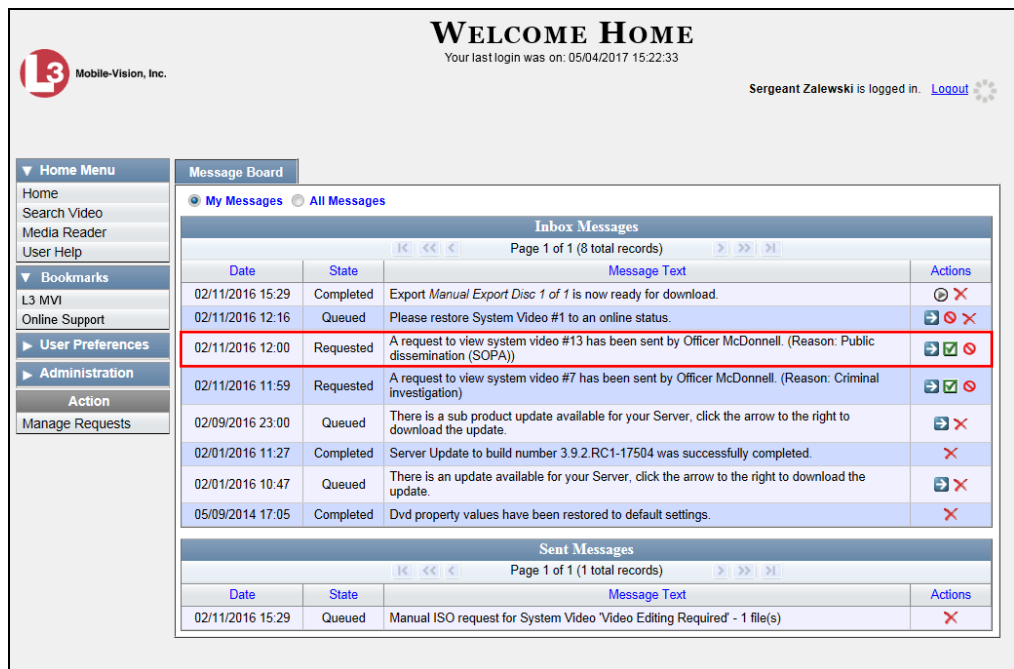
Approving/Denying a Viewing Request

This section describes how to approve or deny a request to view a *BodyVISION* or BWX-100 video. A user submits such a request to his supervisor when he wants to view a particular Body Worn video or snapshot image, but lacks the required permission to do so (i.e., the *Can View Body Worn Videos* and/or *Authorize Media Playback* permission).

To approve/deny viewing requests, you must have the *Authorize Media Playback* permission. For more information on *viewing requests* and how they are used in DEV, see “Body Worn Viewing Requests” on page 177.

- 1 Make sure the Home page displays. (If necessary, go to  and click **Home**.)
- 2 Locate the *viewing request* on your *Inbox Messages* list.

* Users who do not have at least one of these permissions: *Authorize Media Playback* or *Can View Body Worn Videos*.



WELCOME HOME
Your last login was on: 05/04/2017 15:22:33
Sergeant Zalewski is logged in. [Logout](#)


Message Board
My Messages All Messages

Inbox Messages
Page 1 of 1 (8 total records)

Date	State	Message Text	Actions
02/11/2016 15:29	Completed	Export <i>Manual Export Disc 1 of 1</i> is now ready for download.	
02/11/2016 12:16	Queued	Please restore System Video #1 to an online status.	
02/11/2016 12:00	Requested	A request to view system video #13 has been sent by Officer McDonnell. (Reason: Public dissemination (SOPA))	
02/11/2016 11:59	Requested	A request to view system video #7 has been sent by Officer McDonnell. (Reason: Criminal investigation)	
02/09/2016 23:00	Queued	There is a sub product update available for your Server, click the arrow to the right to download the update.	
02/01/2016 11:27	Completed	Server Update to build number 3.9.2.RC1-17504 was successfully completed.	
02/01/2016 10:47	Queued	There is an update available for your Server, click the arrow to the right to download the update.	
05/09/2014 17:05	Completed	Dvd property values have been restored to default settings.	

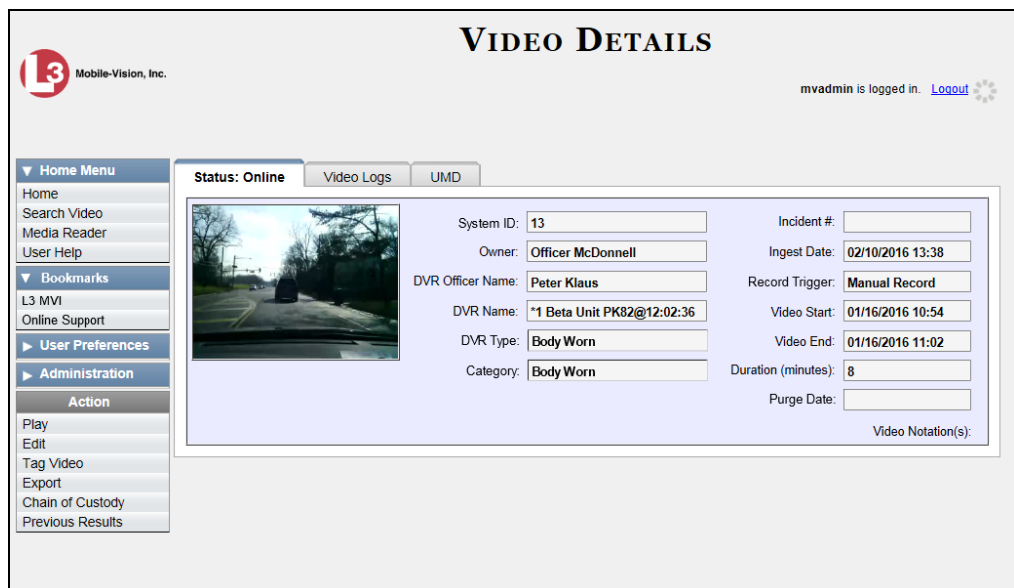
Sent Messages
Page 1 of 1 (1 total records)

Date	State	Message Text	Actions
02/11/2016 15:29	Queued	Manual ISO request for System Video 'Video Editing Required' - 1 file(s)	

3 If you need to view the video first to make a determination, click the  icon to the right of the request. The Video Details page displays. Proceed to the next step.

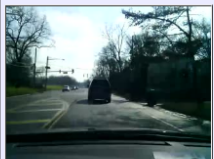
– OR –

If you do *not* need to view the video first to make a determination, skip to step 7.



VIDEO DETAILS
mvadmin is logged in. [Logout](#)

Status: Online Video Logs UMD



System ID: Incident #:

Owner: Ingest Date:

DVR Officer Name: Record Trigger:

DVR Name: Video Start:

DVR Type: Video End:

Category: Duration (minutes):

Purge Date:

Video Notation(s):

4 Click on the video's thumbnail image. The video launches in the Flashback Player.

(Continued)


- 5 When you've finished viewing the video, click the in the upper right corner of the window to close the Flashback Player.
- 6 Go to **▼ Home Menu** and click **Home**. The Home page redisplay.
- 7 To *accept* the viewing request, click the icon to the right of that request. A confirmation message displays at the top of the page: *Request Approved*. The system also sends an approval notice to the requestor's *Inbox Messages* list, as pictured on the Welcome Home page (see illustration below). **End of Procedure**.

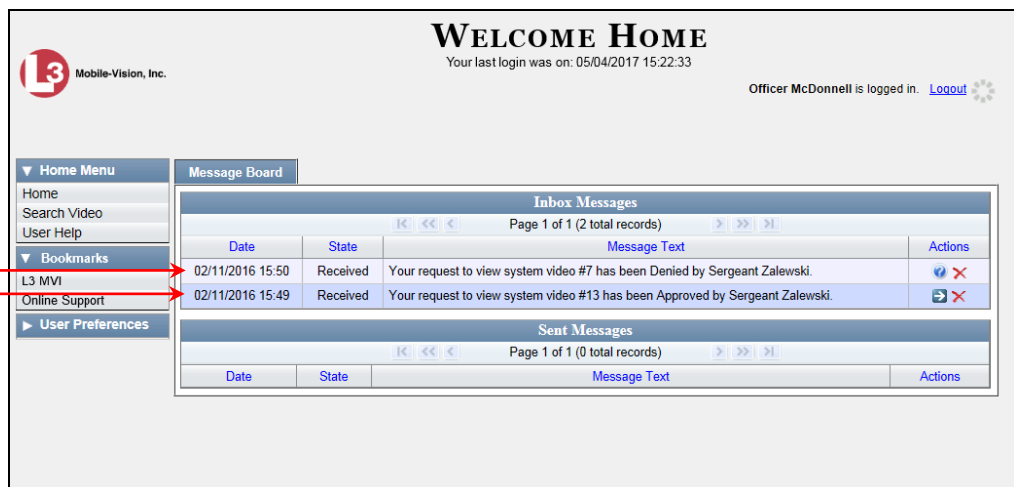
– OR –

To *deny* the viewing request, click the  icon to the right of that request. The Deny Request popup displays.







A screenshot of a 'Deny Request' popup window. It has a title bar with 'Deny Request' and a close button. The main area contains the text 'Enter a reason below:' followed by a large text input field. At the bottom, there are two buttons: 'Save' and 'Cancel'.

- 8 Enter the reason why you are denying this *viewing request*.
- 9 Click **Save**. The system sends a denial notice to the requestor's *Inbox Messages* list, as pictured below. That user will have an opportunity to view your denial reason by clicking the  icon.



The screenshot shows the 'WELCOME HOME' page for Officer McDonnell. The page includes a navigation menu on the left with 'Home Menu', 'Bookmarks', and 'User Preferences'. The main content area shows two message boards: 'Inbox Messages' and 'Sent Messages'. The 'Inbox Messages' board has two entries:

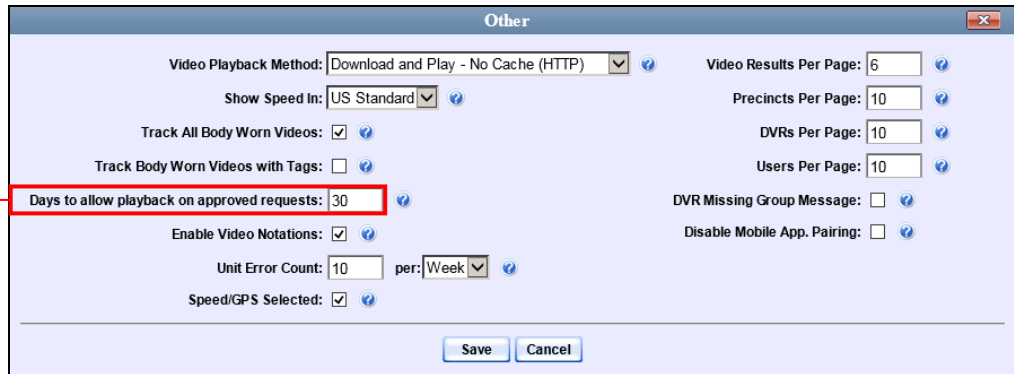
Date	State	Message Text	Actions
02/11/2016 15:50	Received	Your request to view system video #7 has been Denied by Sergeant Zalewski.	 
02/11/2016 15:49	Received	Your request to view system video #13 has been Approved by Sergeant Zalewski.	 

Red arrows point from the text 'Sample denial' to the first message row and 'Sample approval' to the second message row.


Displaying Your Active Viewing Requests


This section describes how to view all active *viewing requests* that you previously approved. Once you grant a *viewing request* to a user, that request remains active for X number of days, where X is equal to the value of the *Days to allow playback on approved requests* field on the Other form.


In this example, all viewing requests will remain in effect for 30 days after they are granted





Other


Video Playback Method: 


Show Speed In: 


Track All Body Worn Videos: 


Track Body Worn Videos with Tags: 


Days to allow playback on approved requests: 30 


Enable Video Notations: 


Unit Error Count: per: 


Speed/GPS Selected: 


Video Results Per Page: 

Precincts Per Page: 


DVRs Per Page: 

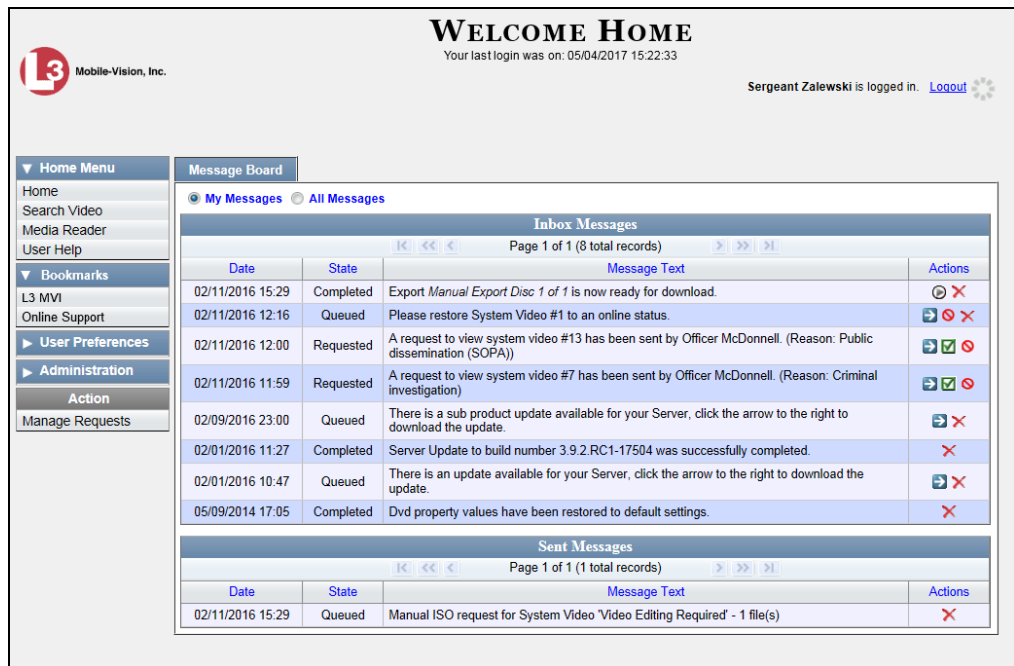
Users Per Page: 


DVR Missing Group Message: 


Disable Mobile App. Pairing: 

For more information on *viewing requests* and how they are used in DEV, see “Body Worn Viewing Requests” on page 177.

- 1 Make sure the Home page displays. (If necessary, go to  and click **Home**.)

















WELCOME HOME
Your last login was on: 05/04/2017 15:22:33
Sergeant Zaleski is logged in. [Logout](#) 




Message Board

My Messages All Messages

Inbox Messages
Page 1 of 1 (8 total records)

Date	State	Message Text	Actions
02/11/2016 15:29	Completed	Export <i>Manual Export Disc 1 of 1</i> is now ready for download.	 
02/11/2016 12:16	Queued	Please restore System Video #1 to an online status.	 
02/11/2016 12:00	Requested	A request to view system video #13 has been sent by Officer McDonnell. (Reason: Public dissemination (SOPA))	 
02/11/2016 11:59	Requested	A request to view system video #7 has been sent by Officer McDonnell. (Reason: Criminal investigation)	 
02/09/2016 23:00	Queued	There is a sub product update available for your Server, click the arrow to the right to download the update.	 
02/01/2016 11:27	Completed	Server Update to build number 3.9.2.RC1-17504 was successfully completed.	
02/01/2016 10:47	Queued	There is an update available for your Server, click the arrow to the right to download the update.	 
05/09/2014 17:05	Completed	Dvd property values have been restored to default settings.	

Sent Messages
Page 1 of 1 (1 total records)

Date	State	Message Text	Actions
02/11/2016 15:29	Queued	Manual ISO request for System Video 'Video Editing Required' - 1 file(s)	

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

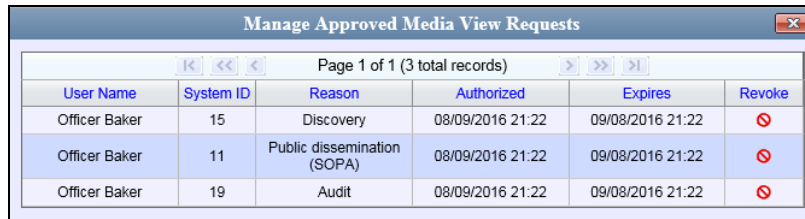
User Preferences




- Administration

Action

- Manage Requests


- 2 Go to the  column and click **Manage Requests**. The Manage Approved Media View Requests popup displays.



User Name	System ID	Reason	Authorized	Expires	Revoke
Officer Baker	15	Discovery	08/09/2016 21:22	09/08/2016 21:22	
Officer Baker	11	Public dissemination (SOPA)	08/09/2016 21:22	09/08/2016 21:22	
Officer Baker	19	Audit	08/09/2016 21:22	09/08/2016 21:22	

The columns on this popup are described below.


Manage Approved Media View Requests	
Column	Description
User Name	The name of the user who submitted this <i>viewing request</i> .
System ID	The system identification number of the Body Worn video or snapshot file that the user requested to view.
Reason	The reason that the user gave for wanting to view the video or snapshot file identified in the <i>System ID</i> column.
Authorized	The date and time at which you approved the user's <i>viewing request</i> .
Expires	The date and time at which the user's <i>viewing request</i> will expire. This date is determined by the value in the <i>Days to allow playback on approved requests</i> field on the Other form.
Revoke	An icon used to revoke the viewing permission that you previously granted the user identified in the <i>User Name</i> column.


- If you wish to revoke a user's viewing permission, click the  icon to the right of that request. The Deny Request popup displays, as pictured below. Proceed to the next step.

– OR –

If you do *not* wish to revoke a user's viewing permission, skip to step 6.




- Enter the reason why you are revoking this *viewing request*.
- Click **Save**. The system sends a denial notice to the requestor's *Inbox Messages* list, as pictured on page 182. That user will have an opportunity to view your denial reason by clicking the .

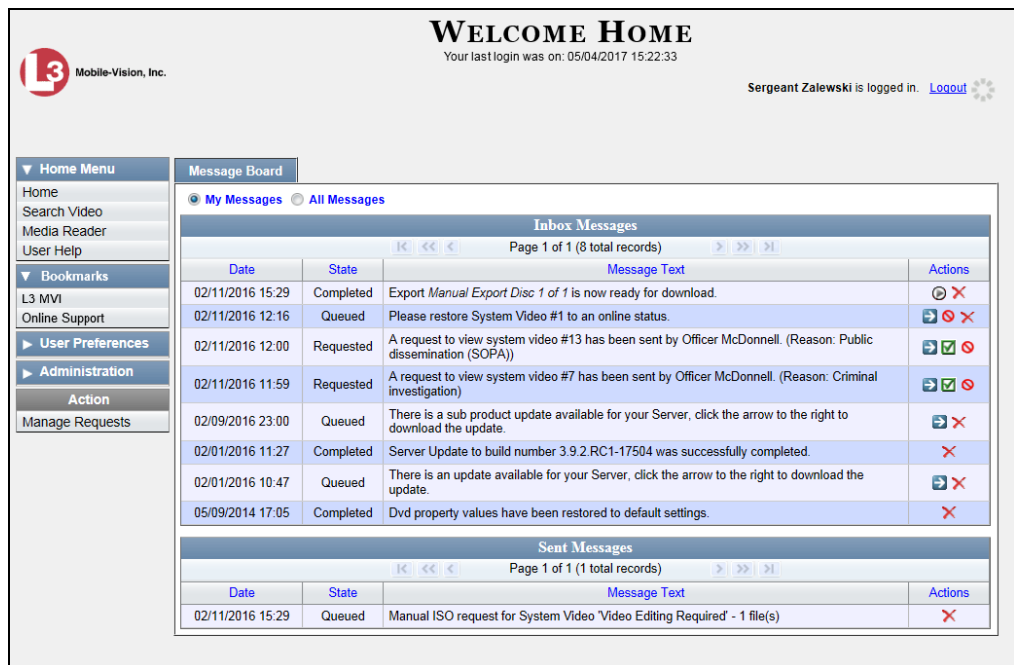
- When you are finished viewing the active viewing requests, click the  in the upper right corner of the popup.

Revoking an Active Viewing Request

This section describes how to revoke an active *viewing request*, which is an approval granted to an officer to view a Body Worn video or snapshot record within a pre-defined time period.

For more information on *viewing requests* and how they are used in DEV, see “Body Worn Viewing Requests” on page 177.

- Make sure the Home page displays. (If necessary, go to  and click **Home**.)

















WELCOME HOME
Your last login was on: 05/04/2017 15:22:33
Sergeant Zalewski is logged in. [Logout](#)


Message Board


My Messages All Messages

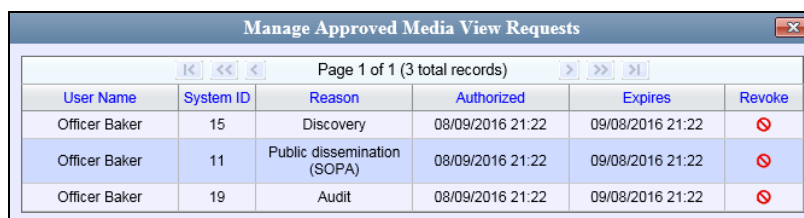
Inbox Messages
Page 1 of 1 (8 total records)

Date	State	Message Text	Actions
02/11/2016 15:29	Completed	Export <i>Manual Export Disc 1 of 1</i> is now ready for download.	 
02/11/2016 12:16	Queued	Please restore System Video #1 to an online status.	 
02/11/2016 12:00	Requested	A request to view system video #13 has been sent by Officer McDonnell. (Reason: Public dissemination (SOPA))	 
02/11/2016 11:59	Requested	A request to view system video #7 has been sent by Officer McDonnell. (Reason: Criminal investigation)	 
02/09/2016 23:00	Queued	There is a sub product update available for your Server, click the arrow to the right to download the update.	 
02/01/2016 11:27	Completed	Server Update to build number 3.9.2.RC1-17504 was successfully completed.	
02/01/2016 10:47	Queued	There is an update available for your Server, click the arrow to the right to download the update.	 
05/09/2014 17:05	Completed	Dvd property values have been restored to default settings.	

Sent Messages
Page 1 of 1 (1 total records)




Date	State	Message Text	Actions
02/11/2016 15:29	Queued	Manual ISO request for System Video 'Video Editing Required' - 1 file(s)	

- Go to the  column and click **Manage Requests**. The Manage Approved Media View Requests popup displays.



Manage Approved Media View Requests

Page 1 of 1 (3 total records)


User Name	System ID	Reason	Authorized	Expires	Revoke
Officer Baker	15	Discovery	08/09/2016 21:22	09/08/2016 21:22	
Officer Baker	11	Public dissemination (SOPA)	08/09/2016 21:22	09/08/2016 21:22	
Officer Baker	19	Audit	08/09/2016 21:22	09/08/2016 21:22	

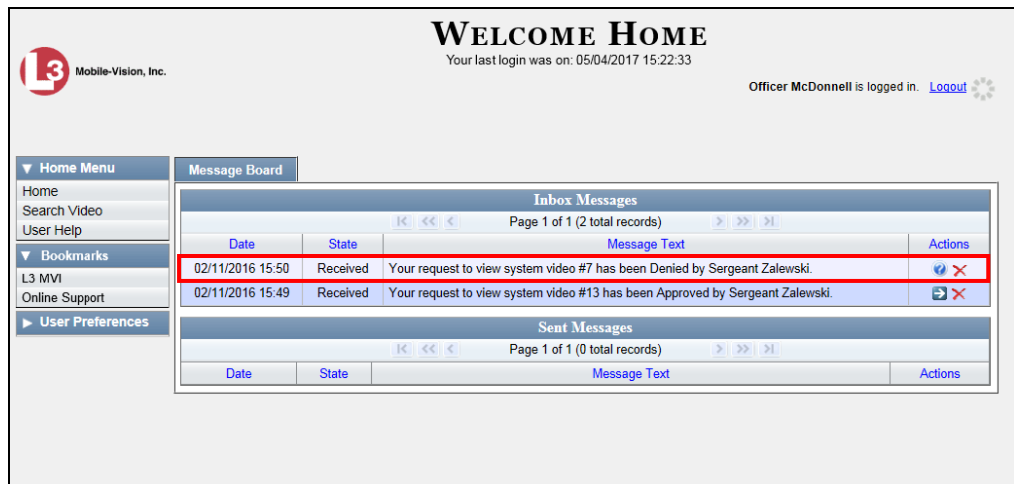
The columns on this popup are described in the table on page 184.

- 3 Click the  icon to the right of the approved *viewing request* you wish to revoke. The Deny Request popup displays.







The image shows a 'Deny Request' popup window. It has a title bar with the text 'Deny Request' and a close button (red X icon). Below the title bar, there is a text input field with the placeholder text 'Enter a reason below:'. At the bottom of the window, there are two buttons: 'Save' and 'Cancel'.

- 4 Enter the reason why you are revoking this user's viewing approval.
- 5 Click **Save**. The system sends a denial notice to the requestor's *Inbox Messages* list, as pictured below. That user will have an opportunity to view your denial reason by clicking the  icon.



The screenshot shows the 'WELCOME HOME' dashboard for Mobile-Vision, Inc. The user is logged in as 'Officer McDonnell'. The 'Message Board' section is active, displaying an 'Inbox Messages' list. The list has two entries:

Date	State	Message Text	Actions
02/11/2016 15:50	Received	Your request to view system video #7 has been Denied by Sergeant Zalewski.	 
02/11/2016 15:49	Received	Your request to view system video #13 has been Approved by Sergeant Zalewski.	 

The first row is highlighted with a red border. Below the 'Inbox Messages' list is a 'Sent Messages' section, which is currently empty.

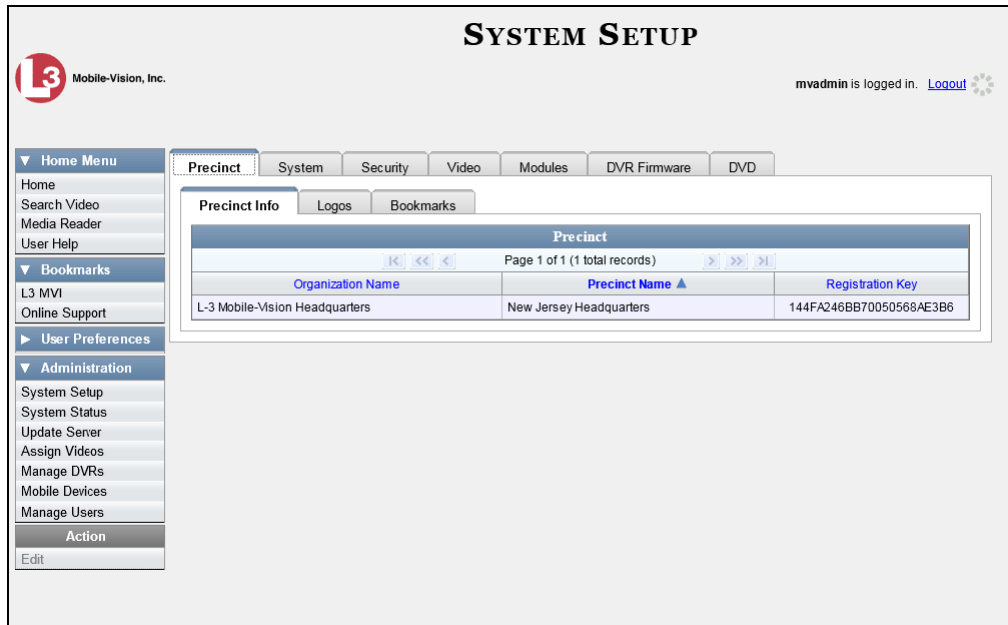
- 6 Click the  in the upper right corner of the popup to exit this function.

Changing the Expiration Date for Viewing Approvals

By default, all viewing approvals that you grant your staff members will remain in effect for 30 days. However, you can increase or decrease this number to meet your agency's needs, as described in this section.

For more information on *viewing requests* and how they are used in DEV, see "Body Worn Viewing Requests" on page 177.

- 1 Go to  and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

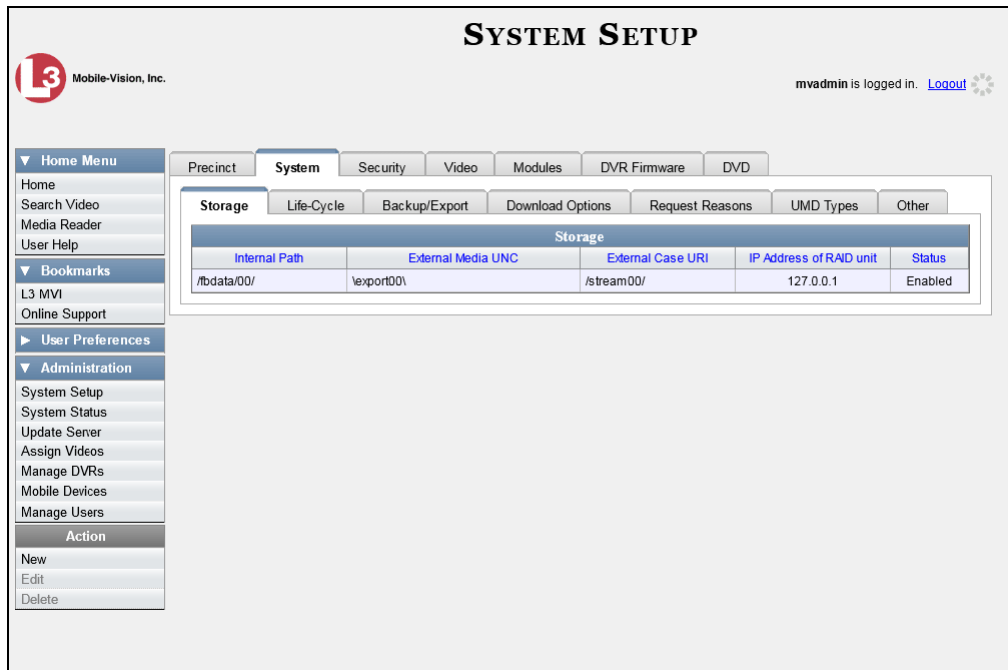
Action: Edit

System Setup Tabs: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

Precinct Info Tabs: Logos, Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

2 Click the **System** tab.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: New, Edit, Delete

System Setup Tabs: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

System Storage Tabs: Storage, Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, Other

Internal Path	External Media UNC	External Case URI	IP Address of RAD unit	Status
/bdata/00/	\export00\	/stream00/	127.0.0.1	Enabled

3 Click the **Other** tab.

(Continued)

4 Go to the **Action** column and click **Edit**. The Other popup displays.

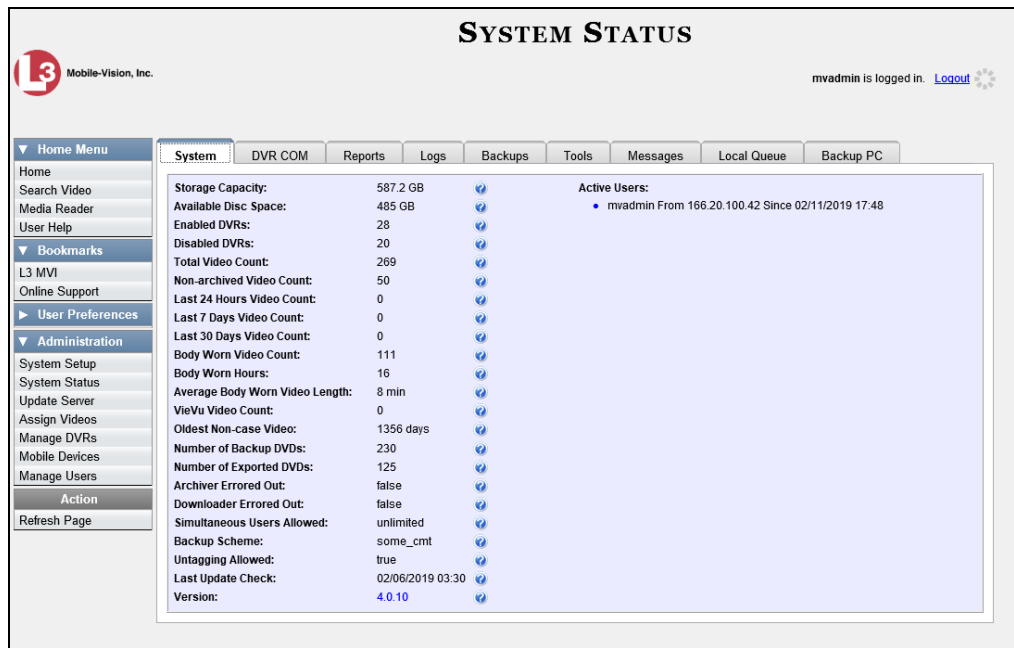
5 Enter a new number in the *Days to allow playback on approved requests* field.

6 Click **Save**.

Exporting Viewing Request Activity to a Spreadsheet

This section describes how to export viewing request activity to a spreadsheet for use with another application, such as a custom reporting tool. This data includes a list of all *BodyVISION* viewing requests that have been made during a selected time period.

- 1 Go to **Administration** and click **System Status**. The System Status page displays.



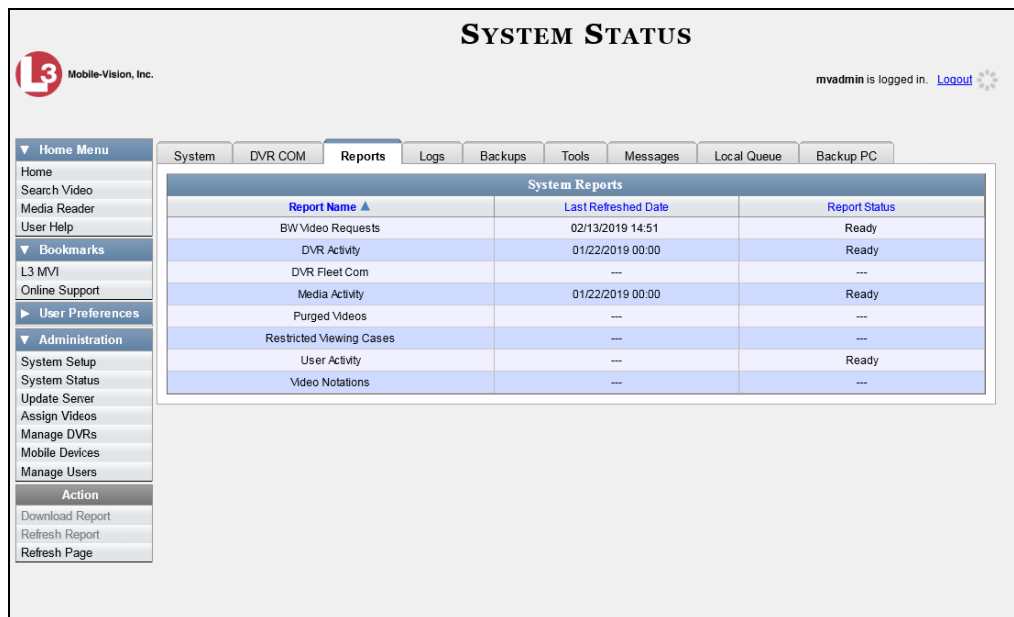
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB	✓	Active Users:	
Available Disc Space:	485 GB	✓	• mvadmin From 166.20.100.42 Since 02/11/2019 17:48	
Enabled DVRs:	28	✓		
Disabled DVRs:	20	✓		
Total Video Count:	269	✓		
Non-archived Video Count:	50	✓		
Last 24 Hours Video Count:	0	✓		
Last 7 Days Video Count:	0	✓		
Last 30 Days Video Count:	0	✓		
Body Worn Video Count:	111	✓		
Body Worn Hours:	16	✓		
Average Body Worn Video Length:	8 min	✓		
VieVu Video Count:	0	✓		
Oldest Non-case Video:	1356 days	✓		
Number of Backup DVDs:	230	✓		
Number of Exported DVDs:	125	✓		
Archiver Errored Out:	false	✓		
Downloader Errored Out:	false	✓		
Simultaneous Users Allowed:	unlimited	✓		
Backup Scheme:	some_cmt	✓		
Untagging Allowed:	true	✓		
Last Update Check:	02/06/2019 03:30	✓		
Version:	4.0.10	✓		

- 2 Click the **Reports** tab.



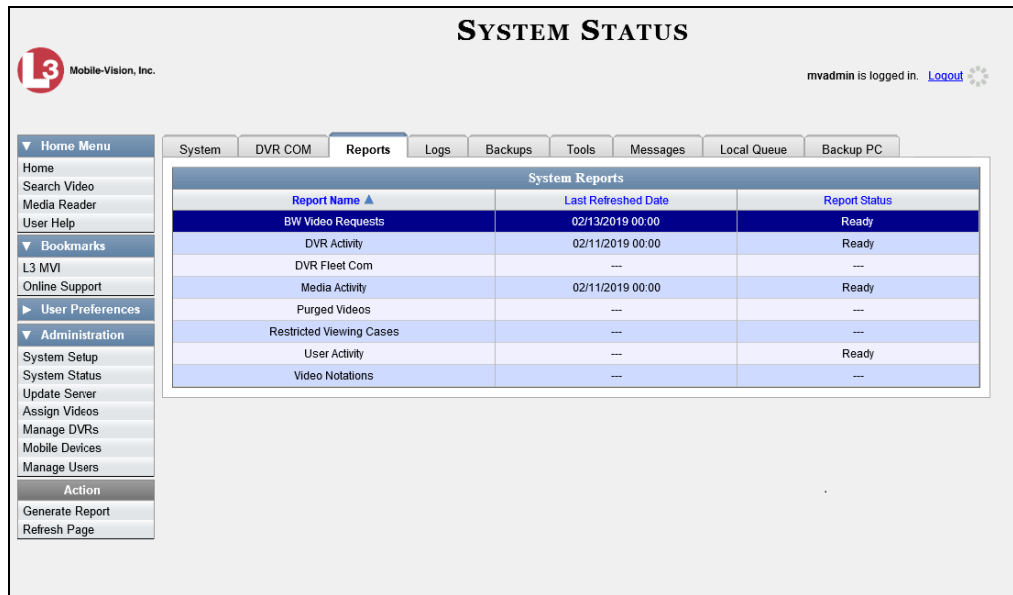
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Reports		
Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	02/13/2019 14:51	Ready
DVR Activity	01/22/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	01/22/2019 00:00	Ready
Purged Videos	---	---
Restricted Viewing Cases	---	---
User Activity	---	Ready
Video Notations	---	---

- 3 Click on the **BW Video Requests** report to highlight it.



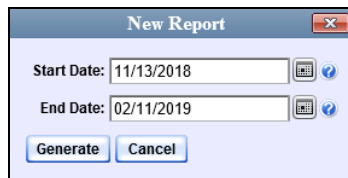
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Reports		
Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	02/13/2019 00:00	Ready
DVR Activity	02/11/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	02/11/2019 00:00	Ready
Purged Videos	---	---
Restricted Viewing Cases	---	---
User Activity	---	Ready
Video Notations	---	---

- 4 Go to the **Action** column and click **Generate Report**. The New Report popup displays.

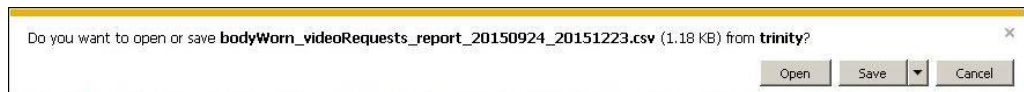


New Report

Start Date: 11/13/2018

End Date: 02/11/2019

- 5 Using the *Start Date* and *End Date* fields, select a date range for your report.
- 6 Click **Generate**. A Windows message displays.

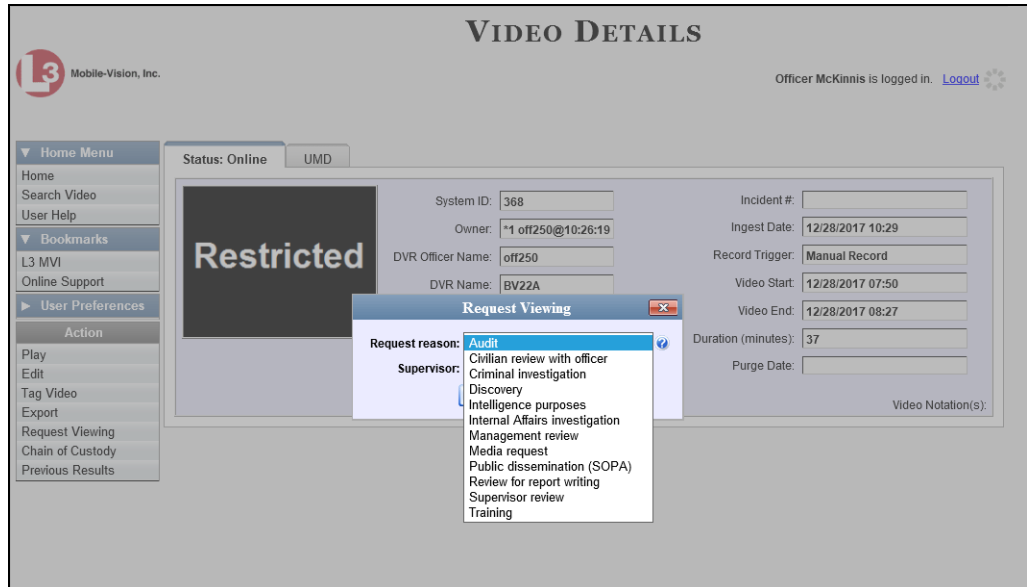


Do you want to open or save **bodyWorn_videoRequests_report_20150924_20151223.csv** (1.18 KB) from **trinity**?

- 7 Click **Open**. The report displays in your default spreadsheet application, such as Microsoft Excel.

Maintaining Viewing Request Reasons

This section describes how to add, change, and/or delete *viewing request reasons*, which are used to populate the *Request Reason* drop-down list on the Request Viewing popup.



These agency-defined reasons are used to help create *viewing requests*, which an officer submits to his supervisor in order to obtain permission to view a Body Worn video or snapshot file. For more information on *viewing requests* and how they are used in DEV, see “Body Worn Viewing Requests” on page 177.

For specific instructions, see:

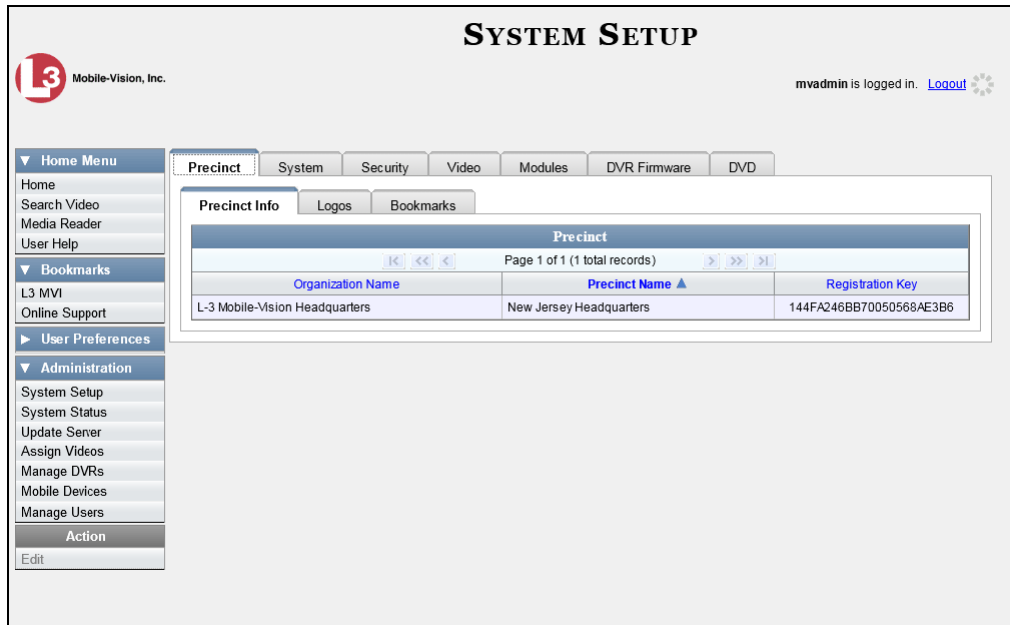
- Adding a Viewing Request Reason, below
- Changing a Viewing Request Reason, page 193
- Deleting a Viewing Request Reason, page 196.

Adding a Viewing Request Reason

This section describes how to add a new *viewing request reason*. For more on viewing request reasons and how they are used in DEV, see the previous section, “Maintaining Viewing Request Reasons.”

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.

(Continued)



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

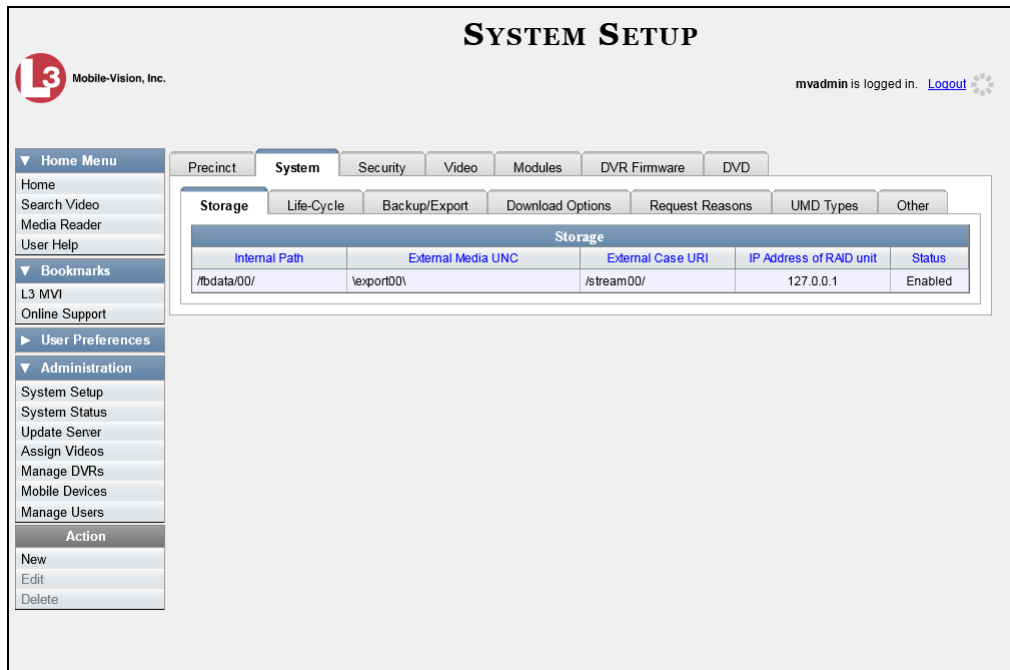
Action: Edit

System Setup Tabs: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

Precinct Info Tabs: Logos, Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

2 Click the **System** tab.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

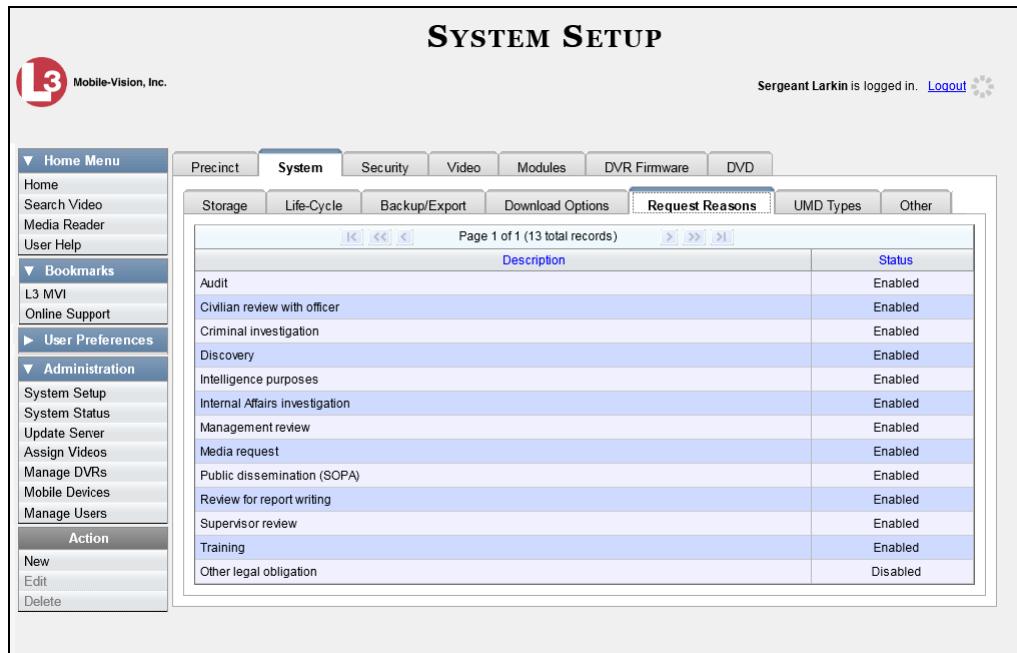
Action: New, Edit, Delete

System Setup Tabs: Precinct, **System**, Security, Video, Modules, DVR Firmware, DVD

System Setup Sub-Tabs: Storage, Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, Other

Storage				
Internal Path	External Media UNC	External Case URI	IP Address of RAD unit	Status
/bdata/00/	\export00\	/stream00/	127.0.0.1	Enabled

3 Click the **Request Reasons** tab. A list of all existing *viewing request reasons* display.



- 4 Go to the **Action** column and click **New**. The New Request Reason popup displays.



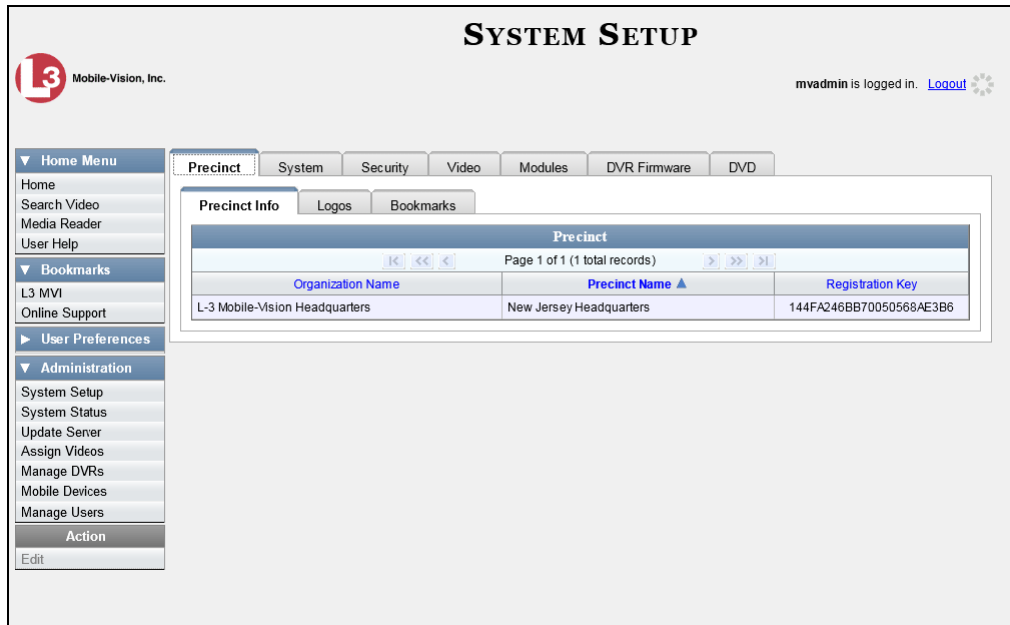
- 5 Enter a name for the *viewing request reason* in the *Description* field.
- 6 Click **Save**. The new reason is added to the Reasons list.

Changing a Viewing Request Reason

This section describes how to update an existing *viewing request reason* record. For more on viewing request reasons and how they are used in DEV, see “Maintaining Viewing Request Reasons” on page 191.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.

(Continued)



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

▼ Administration
System Setup
System Status
Update Sener
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

Action
Edit

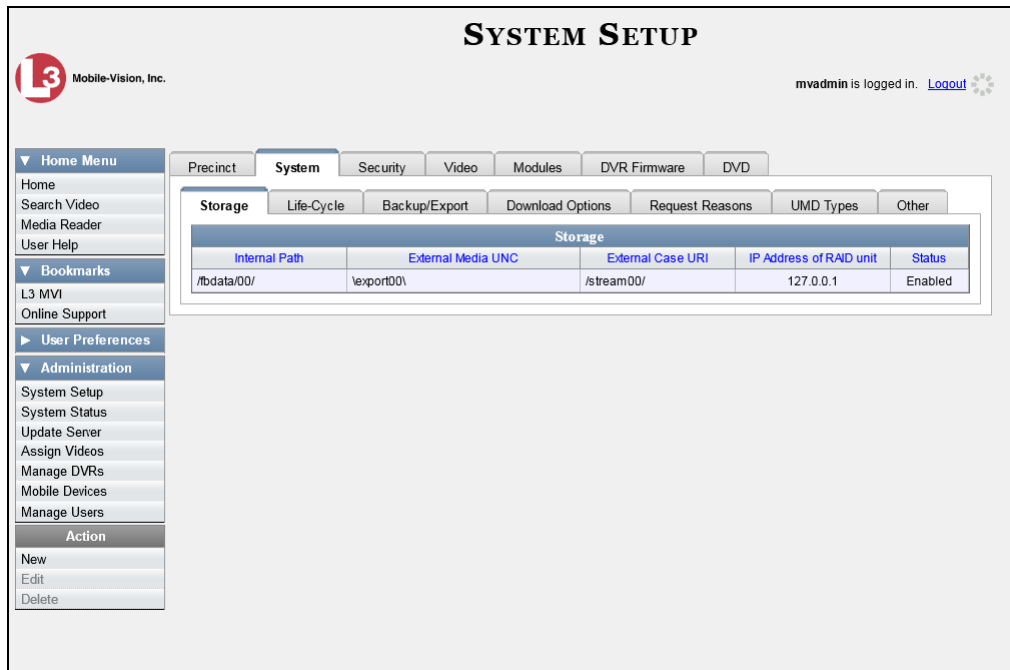
Precinct System Security Video Modules DVR Firmware DVD

Precinct Info Logos Bookmarks

Precinct
Page 1 of 1 (1 total records)

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

2 Click the **System** tab.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

▼ Administration
System Setup
System Status
Update Sener
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

Action
New
Edit
Delete

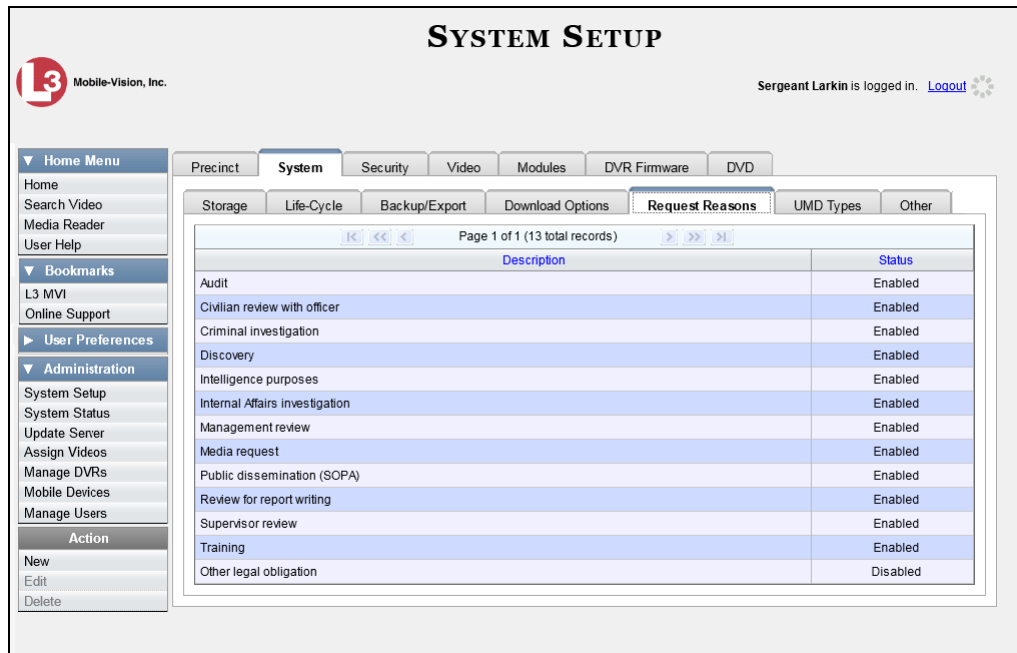
Precinct **System** Security Video Modules DVR Firmware DVD

Storage Life-Cycle Backup/Export Download Options Request Reasons UMD Types Other

Storage

Internal Path	External Media UNC	External Case URI	IP Address of RAD unit	Status
/bdata/00/	\export00\	/stream00/	127.0.0.1	Enabled

3 Click the **Request Reasons** tab.



- 4 Right-click on the record you wish to update, then select **Edit** from the popup menu. The Edit Request Reason popup displays.

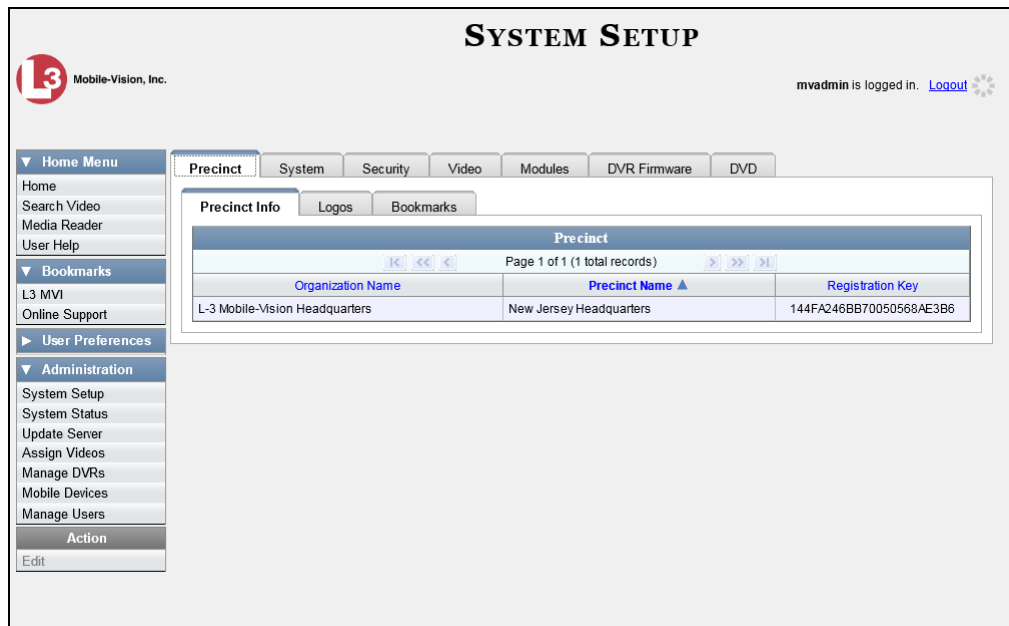


- 5 To change the name of this request reason, enter a new value in the *Description* field. Otherwise proceed to the next field.
- 6 To change the request reason's *status* (i.e., *disabled* vs. *enabled*), proceed to the next step. Otherwise skip to step 8.
- 7 To *inactivate* this request reason, select **Disabled** from the *Status* drop-down list.
– OR –
To *activate* this request reason, select **Enabled** from the *Status* drop-down list.
- 8 Click **Save**.

Deleting a Viewing Request Reason

This section describes how to delete an existing *viewing request reason* record. For more on viewing request reasons and how they are used in DEV, see “Maintaining Viewing Request Reasons” on page 191.

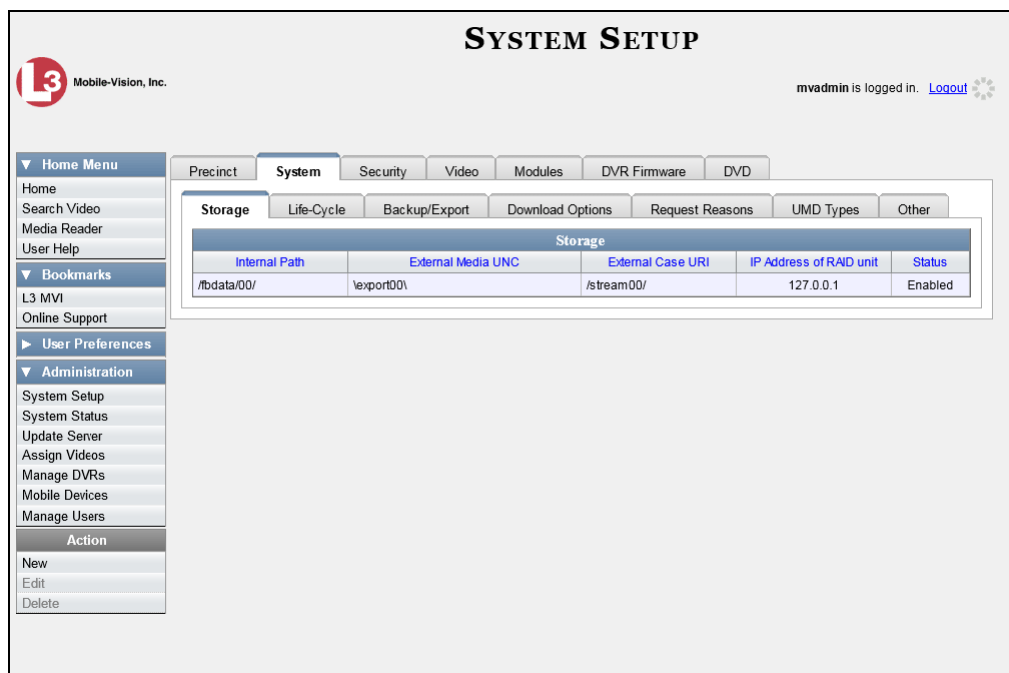
- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



The screenshot shows the 'SYSTEM SETUP' interface for Mobile-Vision, Inc. The user 'mvadmin' is logged in. The 'Administration' menu is expanded, and 'System Setup' is selected. The 'Precinct' tab is active, displaying a table of precinct information.

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

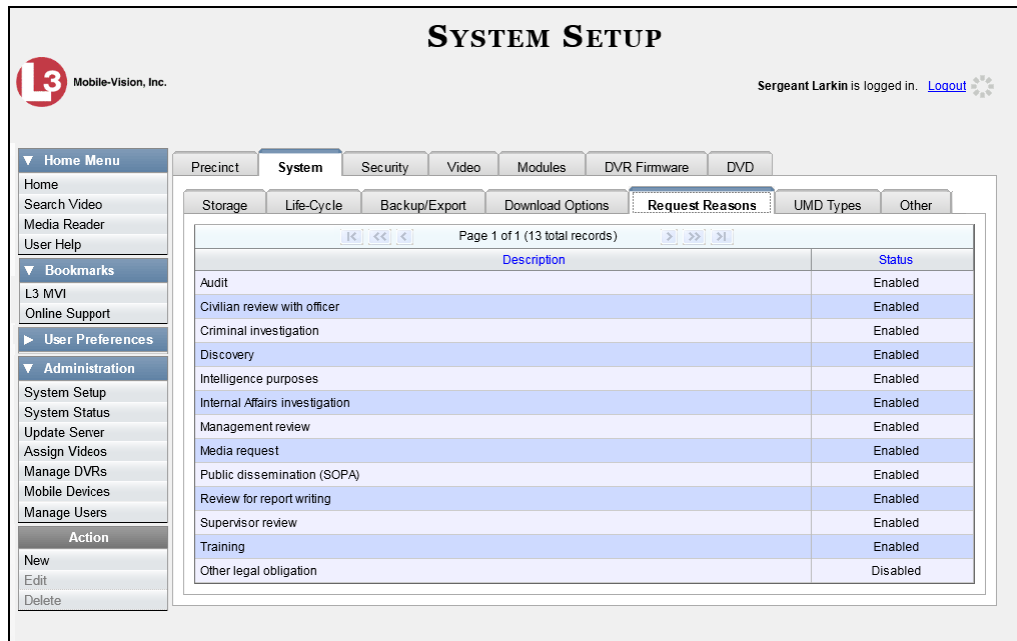
- 2 Click the **System** tab.



The screenshot shows the 'SYSTEM SETUP' interface with the 'System' tab selected. The 'Storage' sub-tab is active, displaying a table of storage configurations.

Internal Path	External Media UNC	External Case URI	IP Address of RAD unit	Status
/bdata/00/	\export00\	/stream00/	127.0.0.1	Enabled

3 Click the **Request Reasons** tab.



The screenshot shows the 'SYSTEM SETUP' interface for Mobile-Vision, Inc. The user 'Sergeant Larkin' is logged in. The 'System' tab is selected, and the 'Request Reasons' sub-tab is active. A table displays 13 records with columns for 'Description' and 'Status'. The 'Media request' record is highlighted.

Description	Status
Audit	Enabled
Civilian review with officer	Enabled
Criminal investigation	Enabled
Discovery	Enabled
Intelligence purposes	Enabled
Internal Affairs investigation	Enabled
Management review	Enabled
Media request	Enabled
Public dissemination (SOPA)	Enabled
Review for report writing	Enabled
Supervisor review	Enabled
Training	Enabled
Other legal obligation	Disabled

4 Right-click on the record you wish to delete, then select **Delete** from the popup menu. A confirmation message displays.



6 Click **Yes**. The selected record is removed from the Reasons list.


Keeping Offline Video Records on the Server

Normally, when a video reaches the end of its online lifecycle, the system permanently removes its record from the DEV server PC. However, if desired, you can change a system setting that will cause expired¹ videos to remain in an offline² but restorable state indefinitely (see **NOTE** below). The system assigns such videos a category of “purged.” As with all offline videos, you will still be able to search for the video and view its Video Details page, but you won’t be able to play it, export it, or edit it unless you reactivate it first. (For more on reactivation, see “Reactivating an Offline Video” on page 72).



NOTE: You can only restore a video for which there is a backup file, such as on an archive or export disc.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu
Home
Search Video
Media Reader
User Help

Bookmarks
L3 MVI
Online Support

User Preferences

Administration
System Setup
System Status
Update Server
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

Action
Edit

Precinct System Security Video Modules DVR Firmware DVD

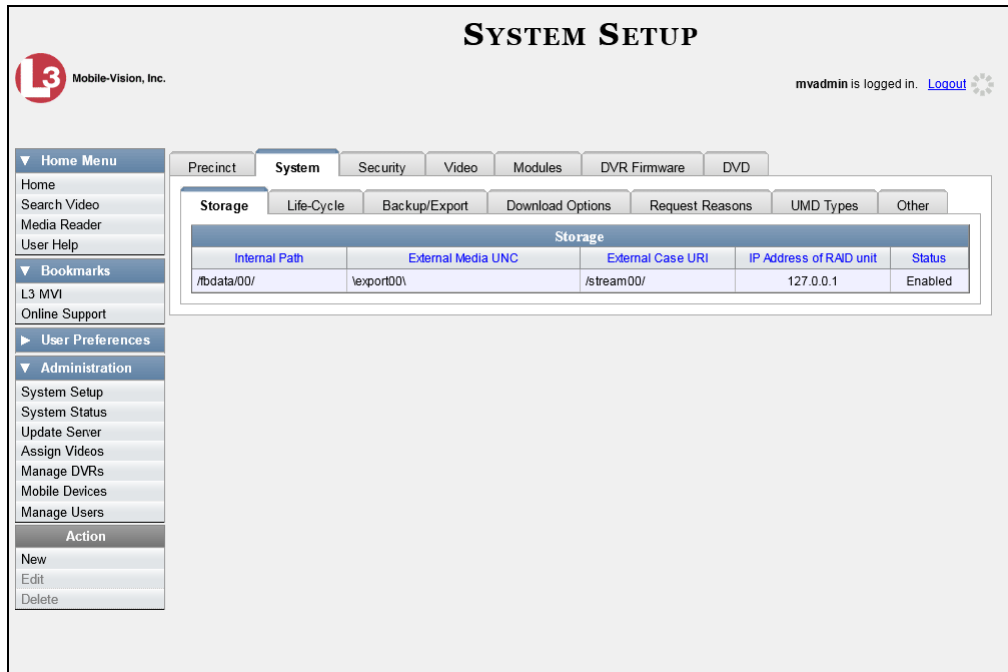
Precinct Info Logos Bookmarks

Precinct
Page 1 of 1 (1 total records)

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.

- ¹ Media that is too old to be reactivated, based on the *Days to enable restore of backed up media* setting and other system settings
- ² A video status which indicates that some, but not all, of that video’s data associated data is available on the server PC. If a video is offline, you will be able to view its thumbnail image and statistics (category, duration, record reason, etc.), but not the video itself. Also, you cannot export an offline video.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

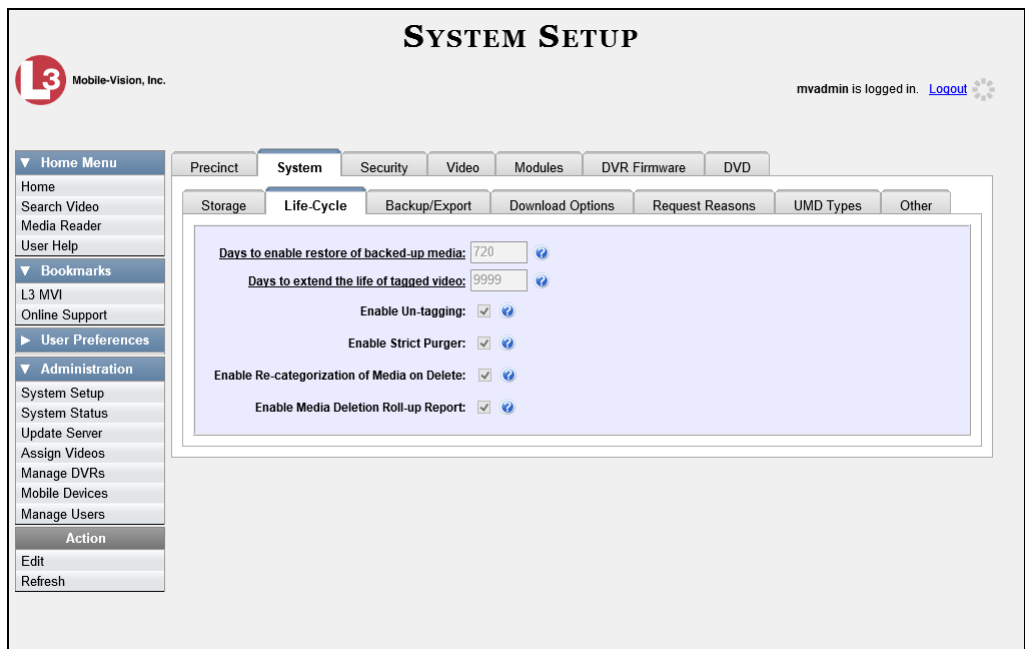
Navigation: Precinct | **System** | Security | Video | Modules | DVR Firmware | DVD

Sub-navigation: Storage | Life-Cycle | Backup/Export | Download Options | Request Reasons | UMD Types | Other

Storage				
Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\\export00\	/stream00/	127.0.0.1	Enabled

Left sidebar menu includes: Home Menu, Bookmarks, User Preferences, Administration (System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users), and Action (New, Edit, Delete).

3 Click the **Life-Cycle** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Navigation: Precinct | **System** | Security | Video | Modules | DVR Firmware | DVD

Sub-navigation: Storage | **Life-Cycle** | Backup/Export | Download Options | Request Reasons | UMD Types | Other

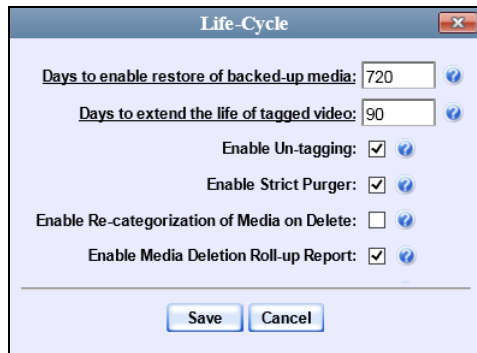
Configuration options:

- Days to enable restore of backed-up media: 720
- Days to extend the life of tagged video: 9999
- Enable Un-tagging:
- Enable Strict Purger:
- Enable Re-categorization of Media on Delete:
- Enable Media Deletion Roll-up Report:

Left sidebar menu includes: Home Menu, Bookmarks, User Preferences, Administration (System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users), and Action (Edit, Refresh).

4 Go to the **Action** column and click **Edit**. The Life-Cycle form displays.

(Continued)



- 5 Select the *Enable Re-categorization of Media on Delete* checkbox.
- 6 Click **Save**.

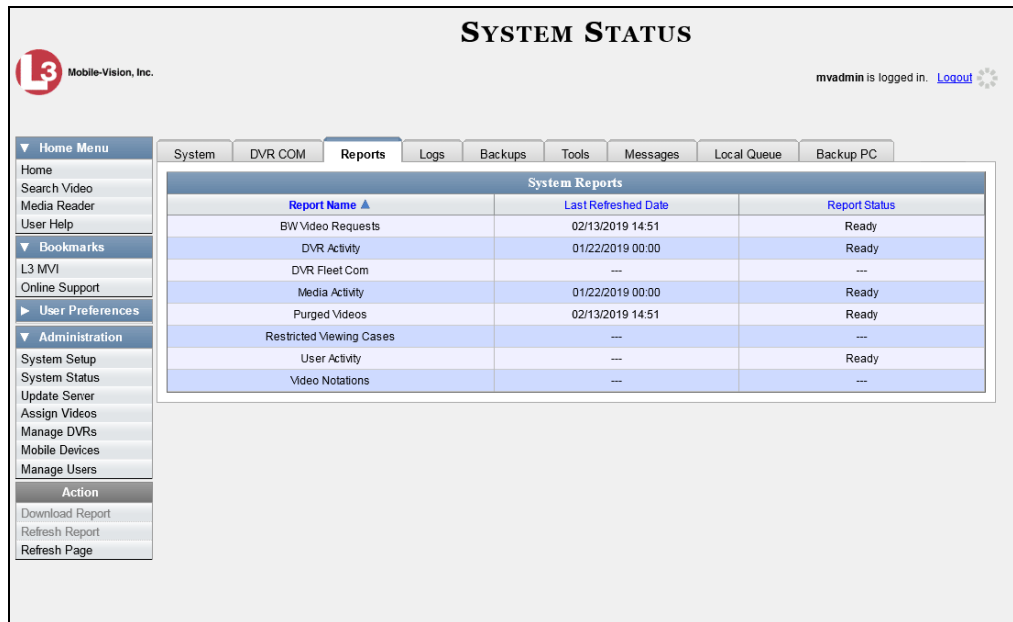
Generating the Purged Videos Report

This section describes how to generate the Purged Videos Report, which lists all videos with a system-assigned category of “Purged.” This category indicates that an expired* video was reclassified as “purged” in order to remain in an *offline* but *re-storable* state on the server PC. This occurs when the *Enable Re-categorization of Media on Delete* checkbox on the **Life-Cycle** tab is selected.

- 1 Go to **Administration** and click **System Status**. The System Status page displays.

* Media that is too old to be reactivated, based on the *Days to enable restore of backed up media* setting and other system settings.

2 Click the **Reports** tab.



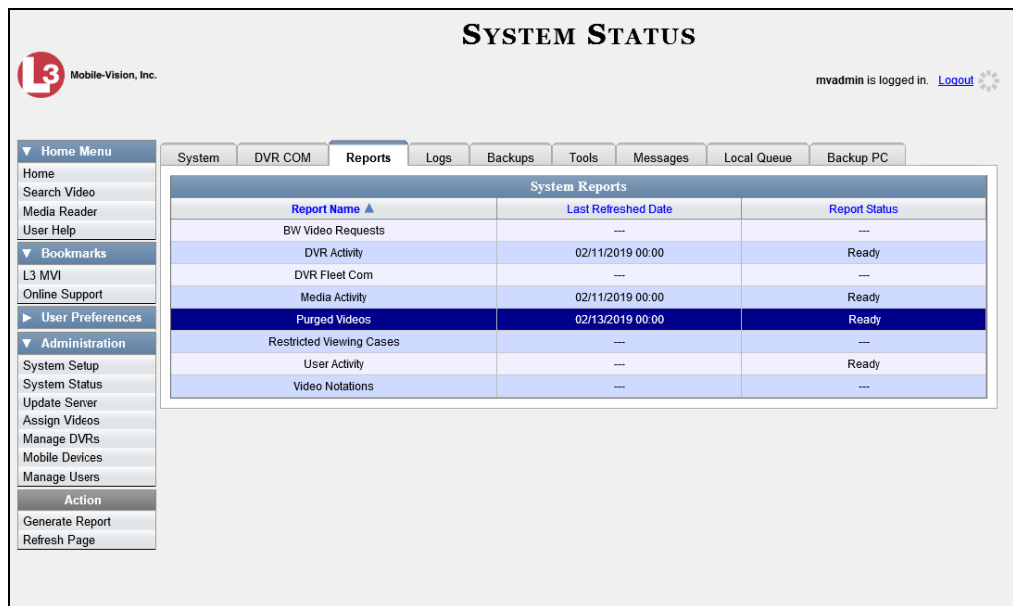
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	02/13/2019 14:51	Ready
DVR Activity	01/22/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	01/22/2019 00:00	Ready
Purged Videos	02/13/2019 14:51	Ready
Restricted Viewing Cases	---	---
User Activity	---	Ready
Video Notations	---	---

3 Click on the **Purged Videos** report to highlight it.



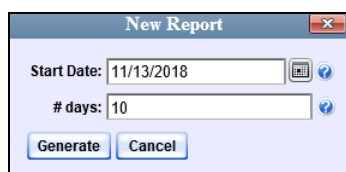
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)



System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC


Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	---	---
DVR Activity	02/11/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	02/11/2019 00:00	Ready
Purged Videos	02/13/2019 00:00	Ready
Restricted Viewing Cases	---	---
User Activity	---	Ready
Video Notations	---	---

4 Go the **Action** column and click **Generate Report**. The New Report popup displays.



New Report

Start Date:  

days: 

- Using the calendar popup, select a start date for the report.
- Enter the number of days you wish to report on, starting from the date you just selected.
- Click **Generate**. A Windows message displays.



- Click **Open**. The report displays in your default spreadsheet application, such as Microsoft Excel.

Customizing the Video Search Results Page

If desired, your agency can customize the Video Search Results page to display columns of your choosing.

By default, the system displays the following columns:

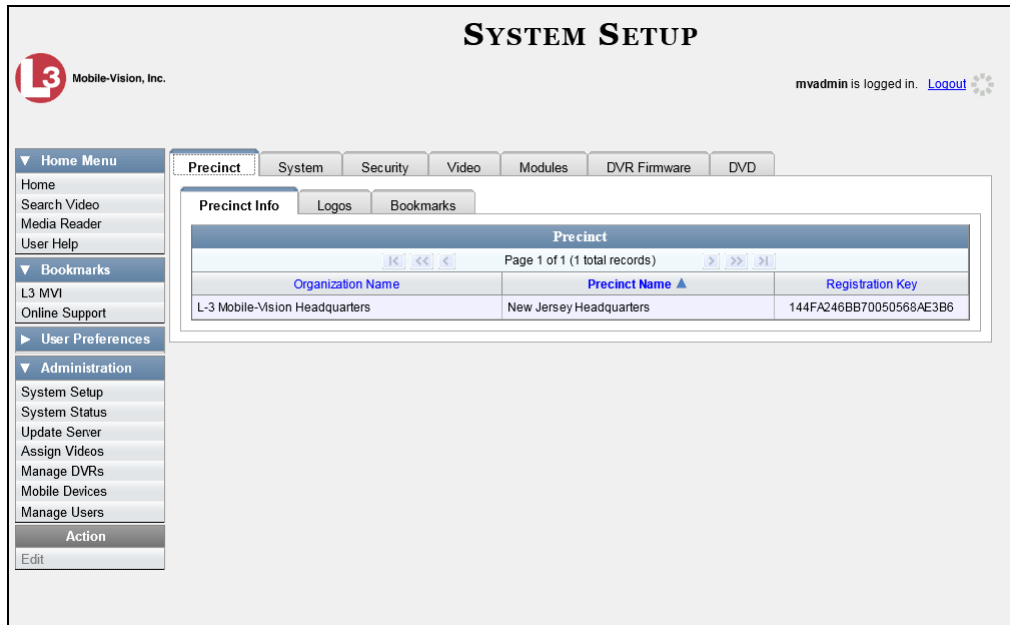
- Owner
- DVR Name
- Category
- Duration
- Video Start (Date)
- Notes

In addition, you may display some or all of the following columns:

- System ID
- DVR Officer Name
- Incident #
- Ingest Date
- Record Trigger
- Video End (Date)

You can sort on all columns except for the *Duration*, *Notes*, and *Incident #* columns.

- Go to  and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

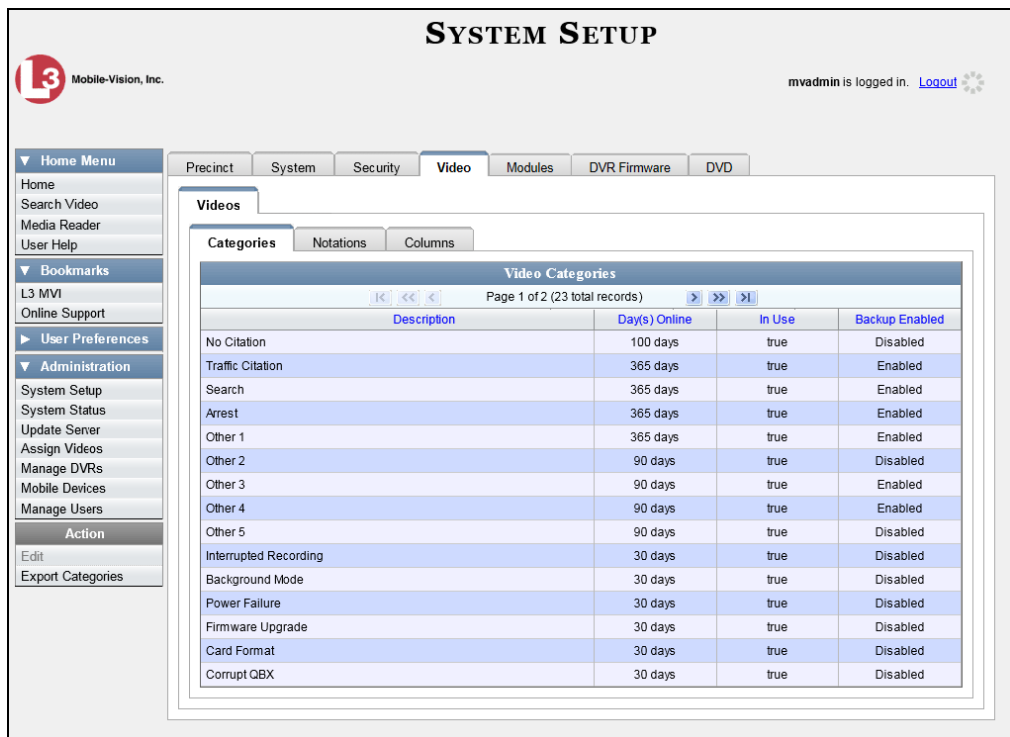
Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

System Setup: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

Precinct Info: Logos, Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

2 Click the **Video** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

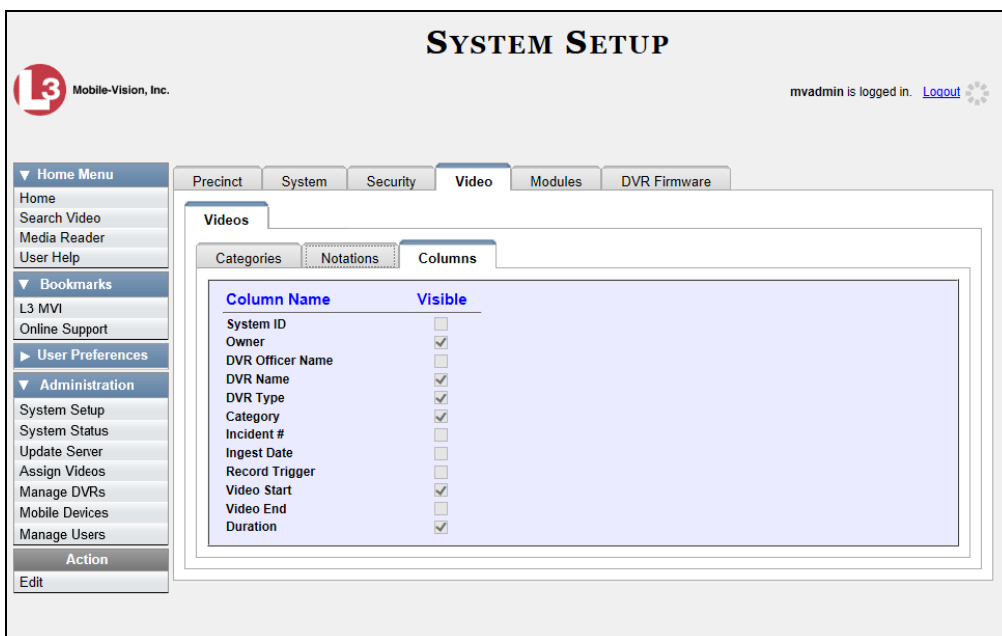
System Setup: Precinct, System, Security, **Video**, Modules, DVR Firmware, DVD

Videos: Categories, Notations, Columns

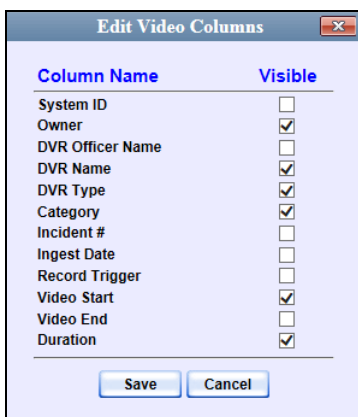
Video Categories			
Description	Day(s) Online	In Use	Backup Enabled
No Citation	100 days	true	Disabled
Traffic Citation	365 days	true	Enabled
Search	365 days	true	Enabled
Arrest	365 days	true	Enabled
Other 1	365 days	true	Enabled
Other 2	90 days	true	Disabled
Other 3	90 days	true	Enabled
Other 4	90 days	true	Enabled
Other 5	90 days	true	Disabled
Interrupted Recording	30 days	true	Disabled
Background Mode	30 days	true	Disabled
Power Failure	30 days	true	Disabled
Firmware Upgrade	30 days	true	Disabled
Card Format	30 days	true	Disabled
Corrupt QBX	30 days	true	Disabled

3 Click the **Columns** tab.

(Continued)



- Go to the **Action** column and click **Edit**. The Edit Video Columns popup displays.



- Proceed to the *Visible* column. Select all the column names you wish to *include* on the Video list and deselect all the column names you wish to *exclude* from the Video list.



HINT: Since there is a limited amount of space in which to display this data, it is not advisable to select *all* columns. Carefully evaluate which information is most helpful to your agency, then select the appropriate columns.

- Click **Save**.

3 DVDs

This chapter describes how to create DVDs for backup and/or evidential purposes. This process may be automatic (i.e., system-requested) or manual (i.e., user-requested). This chapter also describes how to update and maintain those system settings that relate to DVDs.

Certified Backup Discs

Your DEV software interfaces with a robotic DVD burner or BluRay burner. If archiving is enabled, the system uses this burner to create periodic backup discs based on rules that you set in the application. This process occurs automatically without any action on your part. The automatic archive discs that the disc burner generates are called *Certified Backup Discs*. The sole purpose of these discs is to restore system data at a later date, should the need arise.

User-Requested Certified Copies

User-requested certified copies are video DVDs that you burn on an as-needed basis for evidential and/or backup purposes. The process of copying files for the purpose of creating a DVD is called *exporting*. Therefore this type of disc is sometimes referred to as an “export” disc. The various procedures used to create these discs and the different file formats available for them are explained in this chapter.

Unless otherwise noted, the term **DVD** is used throughout this chapter to refer to *both* DVD *and* Blu-Ray discs.

For more information, see:

- Disc Capacity, next page
- Available File Formats for User-Requested DVDs, next page
- Burning Video to DVD, page 209
- Viewing DVDs, page 240
- Changing the File Types that are Automatically Archived, page 246
- Viewing the Certified Backups List, 251
- Downloading a DVD Burn Application to Your PC, 253
- Validating that a Disc is Unaltered, 258
- Viewing the DVD Burn Queue, 261
- Deleting a DVD Burn Request, 265
- Generating the Video Deletion Roll-Up Report, 267
- Changing the Default Values for the ‘Show GPS’ & ‘Show Speed’ Checkboxes, page 270.

Disc Capacity

The storage capacity of your discs will vary depending on the type of disc you select. Blu-Ray discs store the most data, but they also require a special Blu-Ray disc burner. In addition, Blu-Ray discs require a Blu-Ray disc reader or burner to *read* the discs. You can't put a Blu-Ray disc in a DVD drive and read the disc. If you are burning archives to Blu-Ray disc and the only Blu-Ray disc drive you have is in your Bravo robotic disc burner, you'll have to use that Bravo drive to perform all of your restores.

Type of Disc	Maximum storage capacity
Single-layer DVD disc	4.7 gigabytes
Double-layer DVD disc	8.5 gigabytes
Single-layer Blu-Ray disc	25 gigabytes
Double-layer Blu-Ray disc	50 gigabytes

When burning discs, please leave approximately 5% of each disc free for system information. For example, if you are burning to a disc that has a maximum storage capacity of 8.5 gigabytes, the data you select for that disc should be approximately 8 gigabytes or less.

Available File Formats for User-Requested DVDs

Depending on your system permissions, there are several file formats that may be available to you:

- Data DVD Format, below
- Consumer DVD Format, page 207
- Interchange DVD Format, page 208
- Uncompressed DVD Format*, page 208
- FOIA Redacted DVD Format, page 209.

You may also wish to review the section titled “DVD File Formats—A Side-by-Side Comparison” in chapter 1.

Data DVD Format

The *Data DVD Format* is a disc format that is designed to play on any PC DVD player using the Flashback Player. When you burn videos in Data DVD format, the disc will include the following:

- Selected videos
- General information associated with the videos (Officer Name, DVR, Start/End Times, System ID)

* Not available for Flashback1 videos

- The Chain of Custody Report
- A copy of the Flashback Player.

Some advantages of data DVDs are that they allow you to:

- Listen to three audio streams
- View images from all cameras
- Automatically advance to “Trace Point” placeholders that the officer inserted in the video at the time it was recorded
- View general information associated with the videos (Officer Name, DVR, Start/End Times, System ID)
- View additional information that displays only on the Flashback Player, such as the active video and audio feeds, brake activation, and video trigger
- View the Chain of Custody Report.

The disadvantage of Data DVDs is that they require a Windows PC for playback. You cannot play them in a standard consumer DVD player connected to a TV.

For specific instructions, see:

- Burning Video to a Data DVD via the Robotic DVD Burner, page 212
- Burning Video to a Data DVD via Your PC’s DVD Burner, page 224.

Consumer DVD Format

The *Consumer DVD* format disc can be played in any standard consumer DVD player that connects to a TV. This format is useful if, for example, you need to play a video in court on a large screen TV for a jury to see. You can also play a Consumer DVD on a Windows PC or Macintosh equipped with a DVD player and appropriate software.

The disadvantage of this format is that it lacks the special viewing options available with the Flashback player, as listed in the previous section.

This format requires the Consumer DVD module. This module is available free of charge to all our customers. For assistance in activating this module, contact Mobile-Vision Service.

For specific instructions, see “Burning Video to a Consumer DVD via the Robotic DVD Burner” on page 214

Interchange DVD Format

The Interchange format allows you to import videos into various third-party applications, such as video editing software.

Video from Flashback1 and VIEVU DVRs will have an extension of **AVI**. Video from *BodyVISION* DVRs will have an extension of **MKV**. And video from Flashback2, Flashback3, and FlashbackHD DVRs will have an extension of **MP4**.

The disadvantage of this format is that it lacks the special viewing options available with the Flashback player, as listed at the top of this page. Also, because Interchange video is editable, anyone with access to the video could potentially tamper with it. For this reason, converting a video to interchange format effectively breaks the chain of custody.

For specific instructions, see:

- Burning Video to an Interchange Format DVD via the Robotic DVD Burner, page 217
- Burning Video to an Interchange Format DVD via Your PC's DVD Burner, page 227.

Uncompressed DVD Format

The Uncompressed format, also referred to as *decompressed* format, is a file that has the same viewing functions and features as the Data DVD format (see page 206), except that this DVD includes a button that allows you to convert each QBX file into two raw video files: an **MP4** file and a **DV** (digital video) file. You can use these files with third party software, such as video editing or redaction software. The type of file that you need (i.e., MP4 vs. DV) depends on the type of software that you are importing the video into. MP4 files can be imported into most modern software applications, whereas DV files are required for some older applications.

When you click on one of these links, the system generates one MP4 and one DV (digital video) file and places them in a folder on your desktop called 'raw_video'



The advantage of this format is that it gives you all the viewing options available with the Flashback Player, but you can also export raw video into third party applications, including older "legacy" software. The disadvantage of this format is that anyone with access to the raw video could potentially tamper with it. For this

reason, converting a video to uncompressed format effectively breaks the chain of custody.



NOTE: This format is not available for Flashback1 videos.

For specific instructions, see:

- Burning Video to an Uncompressed Format DVD via the Robotic DVD Burner, page 221
- Burning Video to an Uncompressed Format DVD via Your PC's DVD Burner, page 231.

FOIA Redacted DVD Format

The FOIA format gives you the ability to redact video(s) prior to downloading them to your PC or external storage device. If you wish to burn redacted video(s) to DVD, you will have to use your PC's DVD burner, as this format is not supported by the robotic DVD burners.

Video from Flashback1 and VIEVU DVRs will have an extension of **AVI**. Video from *BodyVISION* DVRs will have an extension of **MKV**. And video from Flashback2, Flashback3, and FlashbackHD DVRs will have an extension of **MP4**.

For specific instructions, see “Burning Video to an FOIA Redacted DVD via Your PC's DVD Burner” on page 235.

Burning Video to DVD

This section describes how to burn video to a DVD.

- 1 To burn *one* video, search for and display the desired video.* The Video Details page displays.
– OR –
To burn *more than one* video, search for the desired videos.* The Video Search Results page displays.
- 2 Go to the **Action** column and click **Export**. The Select Video(s) for Export page displays.

(Continued)

* If necessary, review “Searching for Videos” in chapter 2.

SELECT VIDEO(S) FOR EXPORT

 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Videos								
Sys ID	Play	Owner	DVR Name	Category	Duration	Video Start	Notes	
4		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	19 min	03/08/2016 16:54		
8		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:32		
2		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:10		
3		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:48		
1		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25		
13		*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10		

Selected Videos					
Owner	DVR Name	Category	Duration	Video Start	Remove
*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	<input type="checkbox"/>
*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	<input type="checkbox"/>

- ⇒ If you selected *one* video, skip to step 4.
- ⇒ If you selected *multiple* videos, proceed to the next step.

3 Go to the top of the page and click on each of the videos you wish to include on this DVD. You can click on any part of the record except the thumbnail image, as that will launch the Flashback Player.

As you select each video, it will appear in the *Selected Videos* list at the bottom of the page.


SELECT VIDEO(S) FOR EXPORT

 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Videos								
Sys ID	Play	Owner	DVR Name	Category	Duration	Video Start	Notes	
4		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	19 min	03/08/2016 16:54		
8		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:32		
2		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 16:10		
3		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:48		
1		*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25		
13		*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10		

Selected Videos					
Owner	DVR Name	Category	Duration	Video Start	Remove
*1 ON FBHD@21:00:01	*1 UN FBHD@21:11:01	00-Unclassified-90 Days	22 min	03/08/2016 15:25	<input checked="" type="checkbox"/>
*1 ONFB3@21:03:10	*1 FB3@21:11:10	00-Unclassified-90 Days	3 min	01/15/2016 15:10	<input checked="" type="checkbox"/>

- 4 Go to the **Action** column and click **Export Video(s)**. The Export Video(s) page displays.



EXPORT VIDEO(S)

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu
Home
Search Video
Media Reader
User Help

Bookmarks
L3 MVI
Online Support

User Preferences

Administration
Action
Save
Return to Detail
Return to Select
Cancel
Help

Videos
Page 1 of 1 (2 total records)

Output Format: Data DVD

Video	Officer	Category	DVR ID	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25

The remaining steps will vary slightly depending on your file format and disk burning method. For further instructions, see:

- Burning Video to a Data DVD via the Robotic DVD Burner, next page, beginning with step 2
- Burning Video to a Consumer DVD via the Robotic DVD Burner, page 214, beginning with step 2
- Burning Video to an Interchange Format DVD via the Robotic DVD Burner, page 217, beginning with step 2
- Burning Video to an Uncompressed Format DVD via the Robotic DVD Burner, page 221, beginning with step 2
- Burning Video to a Data DVD via Your PC's DVD Burner, page 224, beginning with step 2
- Burning Video to an Interchange Format DVD via Your PC's DVD Burner, page 227, beginning with step 2
- Burning Video to an Uncompressed Format DVD via Your PC's DVD Burner, page 231, beginning with step 2
- Burning Video to an FOIA Redacted DVD via Your PC's DVD Burner, page 235, beginning with step 2

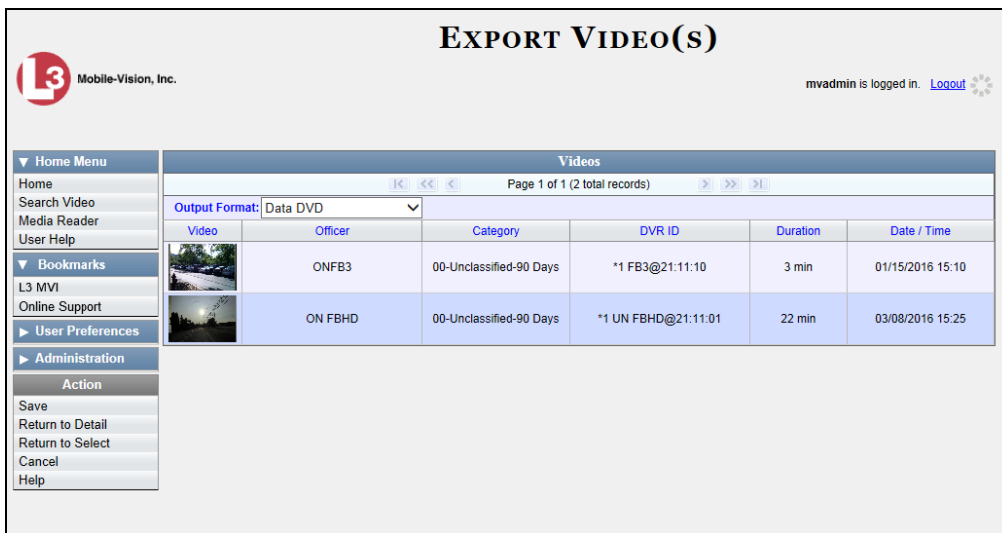
Burning Video to a Data DVD via the Robotic DVD Burner

This section describes how to burn stand-alone video information to a *Data DVD* using your agency's robotic DVD burner. For a definition of Data DVDs, see "Data DVD Format" on page 206.

If you prefer to burn video using your PC's DVD burner, see "Burning Video to a Data DVD via Your PC's DVD Burner" on page 224 instead.

- 1 If you have not done so already, display the video(s) you wish to burn, then select the **Export** option, followed by **Export Video(s)**. (For more detailed instructions, see "Burning Video to DVD" on page 209.)

The Export Video(s) page displays.



EXPORT VIDEO(S)

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)



Home Menu
Home
Search Video
Media Reader
User Help

Bookmarks
L3 MVI
Online Support
User Preferences
Administration

Action
Save
Return to Detail
Return to Select
Cancel
Help

Videos
Page 1 of 1 (2 total records)

Output Format: Data DVD

Video	Officer	Category	DVR ID	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25

- 2 If **Data DVD** displays in the *Output Format* field, proceed to the next step.
– OR –
If **Data DVD** does *not* display in the *Output Format* field, select it from the drop-down list.
- 3 Go to the **Action** column and click **Save**. The Export Options popup displays.

Depending on your user permissions, these checkboxes may or may not display



- 4 If your agency has only *one* robotic DVD burner, proceed to the next step.

– OR –

If your agency has *more than one* robotic DVD burner and you wish to use the Backup PC displayed in the *Name* field (see **NOTE** below), proceed to the next step.

– OR –

If your agency has *more than one* robotic DVD burner and you do *not* wish to use the Backup PC displayed in the *Name* field, select a new Backup PC from the drop-down list.



NOTE: Whenever you submit a request to burn an export disc, the system will automatically analyze your Backup PC resources to determine which Backup PC has the fewest number of jobs in its queue. It then displays that Backup PC in the *Name* field on the Export Options popup. Although you can override this selection if desired, the system choice will typically give you the fastest burn time.

- 5 If you want to burn only *one* DVD (default), proceed to the next step.

– OR –

If you want to burn *more than one* DVD, enter the desired quantity in the *Num Copies* field.

- 6 Enter a description for this DVD in the *Video Description* field. This text will print on the surface of the DVD.

- 7 If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.

– OR –

(Continued)

If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.

– OR –

If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.

- 8 If a Video Player Options section displays in the lower left corner of the Export Options popup (will include one or two checkboxes), proceed to the next step. Otherwise skip to step 13.
- 9 If a *Show GPS* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 12.
- 10 If you want this video export to include GPS data with the Flashback Player (displays during video playback, as pictured left), select the *Show GPS* checkbox. Otherwise proceed to the next step.

Latitude	40.8578
Longitude	-74.7090
Heading	59° - NEBE

- 11 If a *Show Speed* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 13.

Speed	5 MPH
-------	-------

- 12 If you want this video export to include vehicle speed data with the Flashback Player (displays in the GPS section during video playback, as pictured left), select the *Show Speed* checkbox. Otherwise proceed to the next step.
- 13 Click **Save**. The system places your burn request in the burn queue and displays a status message on your Home Page under *Sent Messages*.

When your request reaches the top of the list, the robotic DVD burner will automatically burn the DVD. A status message will then appear on your Home Page under *Inbox Messages* notifying you that the job is complete.

Once you see the *Completed* message in your *Inbox*, you may retrieve the disc from your burner's output tray.

Burning Video to a Consumer DVD via the Robotic DVD Burner

This section describes how to burn selected stand-alone video(s) to a *Consumer DVD* using your agency's robotic DVD burner. *Stand-alone* video is video that is not linked to a case.

For a definition of Consumer DVDs, see "Consumer DVD Format" on page 207.

Your burn time will be approximately three hours per 120 minutes of video.

* International Association of Chiefs of Police



NOTE: You can only create Consumer DVDs using single- or double-layer DVDs, *not* Blu-Ray discs.

- 1 If you have not done so already, display the video(s) you wish to burn, then select the **Export** option, followed by **Export Video(s)**. (For more detailed instructions, see “Burning Video to DVD” on page 209.)

The Export Video(s) page displays.

EXPORT VIDEO(S)

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: Action, Save, Return to Detail, Return to Select, Cancel, Help

Videos Page 1 of 1 (2 total records)

Output Format: Data DVD

Video	Officer	Category	DVR ID	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10
	ONFBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25

- 2 Go to the *Output Format* field and select **Consumer DVD** from the drop-down list. Two new columns display: *Video Source* and *Audio Source* (see no. 1 below).

EXPORT VIDEO(S)

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: Action, Save, Return to Detail, Return to Select, Cancel, Help

Videos Page 1 of 1 (2 total records)

Output Format: Consumer DVD

Total Video: 25 minute(s) Max: 120 minutes

Video	Officer	Category	DVR ID	Video Source	Audio Source	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	<input checked="" type="checkbox"/> VLP1 <input type="checkbox"/> VLP2 In Car <input checked="" type="checkbox"/> VLP1 <input type="checkbox"/> VLP2 In Car	3 min	01/15/2016 15:10
	ONFBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	<input checked="" type="checkbox"/> VLP1 <input type="checkbox"/> VLP2 In Car <input checked="" type="checkbox"/> VLP1 <input type="checkbox"/> VLP2 In Car	22 min	03/08/2016 15:25

Notice the message in the upper right corner (see no. 2 above). This display indicates what the current and maximum length for your DVD is.

- 3 If the word “Camera” displays in the *Video Source* column, proceed to the next step.
– OR –

If two checkboxes display in the *Video Source* column, select the camera views you wish to include for each video, as described below.


Video Source Setting	Description
<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 1 (forward facing zoom camera).
<input type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 2 (Backseat and/or Bullet cameras).
<input checked="" type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy the video that was recorded from <i>both</i> Camera Channel 1 and Camera Channel 2. When you choose this option, the system will burn two separate video files on the DVD that will appear as separate menu items. This doubles your DVD space requirement.

- 4 If the word “Camera” displays in the *Audio Source* column, proceed to the next step.
– OR –

If two checkboxes display in the *Audio Source* column, select the audio sources that you wish to include for each video. You may select up to two sources for each video. These audio tracks will play concurrently when watching the video.

- VLPI*. The audio from the wireless microphone that’s connected to your Flashback’s VLP 1 port (default)
- VLP2*. The audio from the wireless microphone that’s connected to your Flashback’s VLP 2 port, if applicable
- In Car*. The audio from your in-car microphone.

- 5 Go to the **Action** column and click **Save**. The Export Options popup displays.



- 6 If your agency has only *one* robotic DVD burner, proceed to the next step.
– OR –

(Continued)

If your agency has *more than one* robotic DVD burner and you wish to use the Backup PC displayed in the *Name* field (see **NOTE** below), proceed to the next step.

– OR –

If your agency has *more than one* robotic DVD burner and you do *not* wish to use the Backup PC displayed in the *Name* field, select a new Backup PC from the drop-down list.



NOTE: Whenever you submit a request to burn an export disc, the system will automatically analyze your Backup PC resources to determine which Backup PC has the fewest number of jobs in its queue. It then displays that Backup PC in the *Name* field on the Export Options popup. Although you can override this selection if desired, the system choice will typically give you the fastest burn time.

- 7 If you want to burn only *one* DVD (default), proceed to the next step.

– OR –

If you want to burn *more than one* DVD, enter the desired quantity in the *Num Copies* field.

- 8 Enter a description for this DVD in the *Video Description* field. This text will print on the surface of the DVD.
- 9 Click **Save**. The system places your burn request in the burn queue and displays a status message on your Home Page under *Sent Messages*.

When your request reaches the top of the list, the robotic DVD burner will automatically burn the DVD. A status message will then appear on your Home Page under *Inbox Messages* notifying you that the job is complete.

Once you see the *Completed* message in your *Inbox*, you may retrieve the disc from your burner's output tray.

Burning Video to an Interchange Format DVD via the Robotic DVD Burner

This section describes how to burn selected stand-alone video(s) to an *Interchange Format* DVD using your agency's robotic DVD burner. *Stand-alone* video is video that is not linked to a case.

For a description of the Interchange format, see "Interchange DVD Format" on page 208.

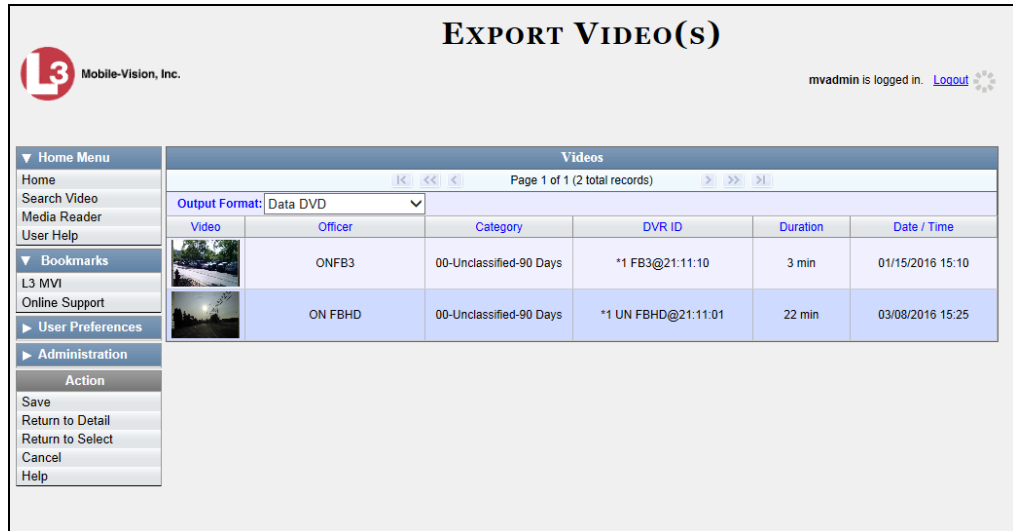
If you prefer to burn video using your PC's DVD burner, see "Burning Video to an Interchange Format DVD via Your PC's DVD Burner" on page 227 instead.





WARNING: Once a video has been exported in Interchange format, its authenticity can no longer be verified. Such video can be edited and tampered with using commercial video editing software.

- 1 If you have not done so already, display the video(s) you wish to burn, then select the **Export** option, followed by **Export Video(s)**. (For more detailed instructions, see “Burning Video to DVD” on page 209.)

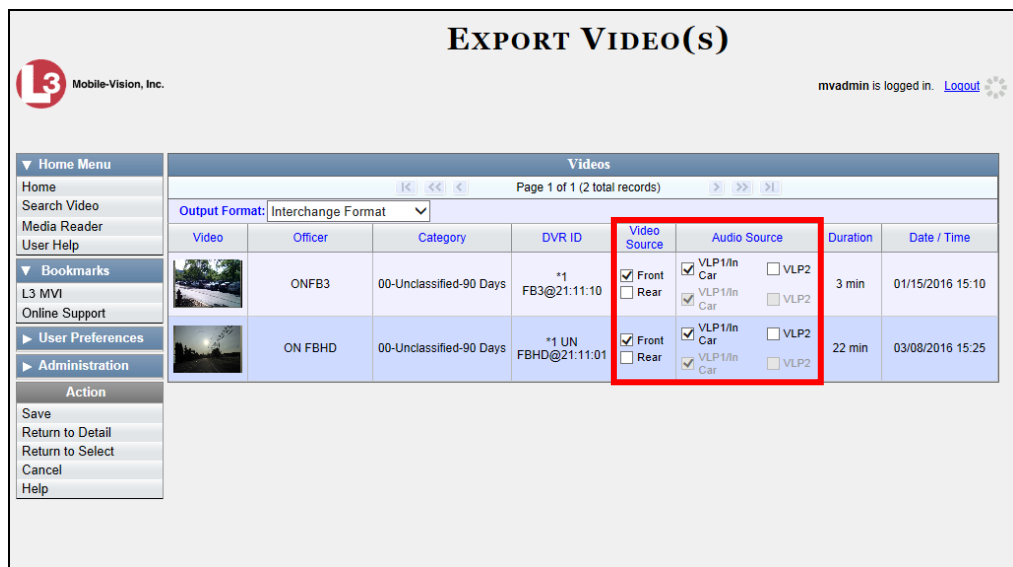
The Export Video(s) page displays.





The screenshot shows the 'EXPORT VIDEO(S)' interface. The 'Output Format' dropdown is set to 'Data DVD'. The table below shows two video records.

Video	Officer	Category	DVR ID	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25

- 2 Go to the *Output Format* field and select **Interchange Format** from the drop-down list. Two new columns display: *Video Source* and *Audio Source*.



The screenshot shows the 'EXPORT VIDEO(S)' interface with 'Output Format' set to 'Interchange Format'. The table now includes 'Video Source' and 'Audio Source' columns. A red box highlights these two columns for both video records.

Video	Officer	Category	DVR ID	Video Source	Audio Source	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	<input checked="" type="checkbox"/> VLP1/In Car <input type="checkbox"/> VLP2	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	<input checked="" type="checkbox"/> VLP1/In Car <input type="checkbox"/> VLP2	22 min	03/08/2016 15:25

- 3 If the word “Camera” displays in the *Video Source* column, proceed to the next step.
– OR –

If two checkboxes display in the *Video Source* column, select the camera views you wish to include for each video, as described in the following table.

Video Source Setting	Description
<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 1 (forward facing zoom camera).
<input type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 2 (Backseat and/or Bullet cameras).
<input checked="" type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy the video that was recorded from <i>both</i> Camera Channel 1 and Camera Channel 2. When you choose this option, the system will burn two separate video files on the DVD that will appear as separate menu items. This doubles your DVD space requirement.

- 4 If the word “Camera” displays in the *Audio Source* column, proceed to the next step.

– OR –

If two checkboxes display in the *Audio Source* column, select the audio source that you wish to include for each video, as described below:

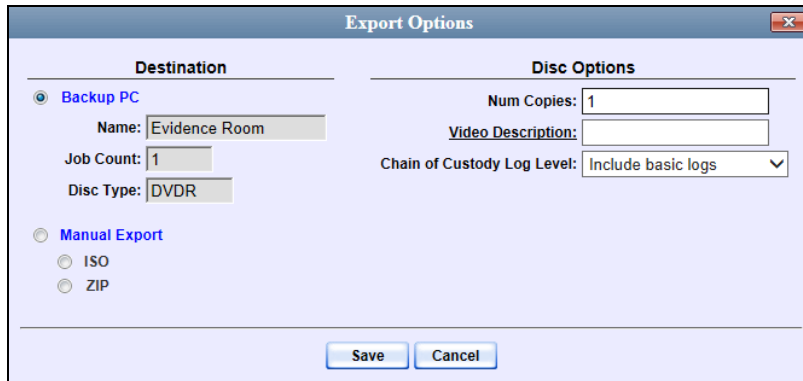
- VLP1/In Car. The audio from the wireless microphone that’s connected to your Flashback’s VLP 1 port *and* the audio from your in-car microphone (default). *See note below.*
- VLP2. The audio from the wireless microphone that’s connected to your Flashback’s VLP 2 port, if applicable.

Note on Flashback Audio Playback: If you choose the **VLP1/In Car** audio setting, you will be able to toggle back and forth between two audio streams: the stream from the wireless microphone that’s connected to your Flashback’s VLP 1 port, and the stream from your in-car microphone. On your DVD player, the *VLP1* audio stream is available on the *left* stereo channel, and the *In Car* audio stream is available on the *right* stereo channel. You can use the balance controls on your DVD player to switch back and forth between these two streams.

If you choose the **VLP2** audio setting, the audio stream from the wireless microphone that’s connected to your Flashback’s VLP 2 port will be available on your DVD player’s *left* stereo channel, and the *right* stereo channel will be mute.

- 5 Go to the **Action** column and click **Save**. The Export Options popup displays.

(Continued)



- 6 If your agency has only *one* robotic DVD burner, proceed to the next step.

– OR –

If your agency has *more than one* robotic DVD burner and you wish to use the Backup PC displayed in the *Name* field (see **NOTE** below), proceed to the next step.

– OR –

If your agency has *more than one* robotic DVD burner and you do *not* wish to use the Backup PC displayed in the *Name* field, select a new Backup PC from the drop-down list.



NOTE: Whenever you submit a request to burn an export disc, the system will automatically analyze your Backup PC resources to determine which Backup PC has the fewest number of jobs in its queue. It then displays that Backup PC in the *Name* field on the Export Options popup. Although you can override this selection if desired, the system choice will typically give you the fastest burn time.

- 7 If you want to burn only *one* DVD (default), proceed to the next step.

– OR –

If you want to burn *more than one* DVD, enter the desired quantity in the *Num Copies* field.

- 8 Enter a description for this DVD in the *Video Description* field. This text will print on the surface of the DVD.

- 9 If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.

– OR –

If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.

– OR –

(Continued)

* International Association of Chiefs of Police

If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.

- 10 Click **Save**. The system places your burn request in the burn queue and displays a status message on your Home Page under *Sent Messages*.

When your request reaches the top of the list, the robotic DVD burner will automatically burn a disc for you. A status message will then appear on your Home Page under *Inbox Messages* notifying you that your job is complete.

Once you see the *Completed* message in your *Inbox*, you may retrieve the disc from your burner's output tray.

Burning Video to an Uncompressed Format DVD via the Robotic DVD Burner

This section describes how to burn stand-alone video information to an *Uncompressed Format DVD* using your agency's robotic DVD burner. *Stand-alone video* is video that is not linked to a case.

An uncompressed format DVD will include the same information found on a Data DVD. In addition, this type of DVD includes a link that allows you to convert the included videos into MP4 and DV files.

For more information on Uncompressed Format DVDs, see "Uncompressed DVD Format" on page 208.

If you prefer to burn video using your PC's DVD burner, see "Burning Video to an Uncompressed Format DVD via Your PC's DVD Burner" on page 231 instead.



WARNING: Once a video has been downloaded in uncompressed format and then converted to MP4 and DV files, its authenticity can no longer be verified. Such video can be edited and tampered with using commercial video editing software.

- 1 If you have not done so already, display the video(s) you wish to burn, then select the **Export** option, followed by **Export Video(s)**. (For more detailed instructions, see "Burning Video to DVD" on page 209.)

The Export Video(s) page displays.

(Continued)



- 2 Go to the *Output Format* field and select **Uncompressed Format** from the drop-down list.
- 3 Go to the **Action** column and click **Save**. The Export Options popup displays.



Depending on your user permissions, these checkboxes may or may not display

- 4 If your agency has only *one* robotic DVD burner, proceed to the next step.
– OR –

If your agency has *more than one* robotic DVD burner and you wish to use the Backup PC displayed in the *Name* field (see **NOTE** on the next page), proceed to the next step.

– OR –

If your agency has *more than one* robotic DVD burner and you do *not* wish to use the Backup PC displayed in the *Name* field, select a new Backup PC from the drop-down list.



NOTE: Whenever you submit a request to burn an export disc, the system will automatically analyze your Backup PC resources to determine which Backup PC has the fewest number of jobs in its queue. It then displays that Backup PC in the *Name* field on the Export Options popup. Although you can override this selection if desired, the system choice will typically give you the fastest burn time.

- 5 If you want to burn only *one* DVD (default), proceed to the next step.

– OR –

If you want to burn *more than one* DVD, enter the desired quantity in the *Num Copies* field.

- 6 Enter a description for this DVD in the *Video Description* field. This text will print on the surface of the DVD.

- 7 If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.

– OR –

If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.

– OR –

If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.

- 8 If a Video Player Options section displays in the lower left corner of the Export Options popup (will include one or two checkboxes), proceed to the next step. Otherwise skip to step 13.

- 9 If a *Show GPS* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 12.

Latitude	40.8578
Longitude	-74.7090
Heading	59° - NE/E

- 10 If you want this video export to include GPS data with the Flashback Player (displays during video playback, as pictured left), select the *Show GPS* checkbox. Otherwise proceed to the next step.

- 11 If a *Show Speed* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 13.

Speed	5 MPH
-------	-------

- 12 If you want this video export to include vehicle speed data with the Flashback Player (displays in the GPS section during video playback, as pictured left), select the *Show Speed* checkbox. Otherwise proceed to the next step.

- 13 Click **Save**. The system places your burn request in the burn queue and displays a status message on your Home Page under *Sent Messages*.

* International Association of Chiefs of Police

When your request reaches the top of the list, the robotic DVD burner will automatically burn the DVD. A status message will then appear on your Home Page under *Inbox Messages* notifying you that the job is complete.

Once you see the *Completed* message in your *Inbox*, you may retrieve the disc from your burner's output tray.

Burning Video to a Data DVD via Your PC's DVD Burner

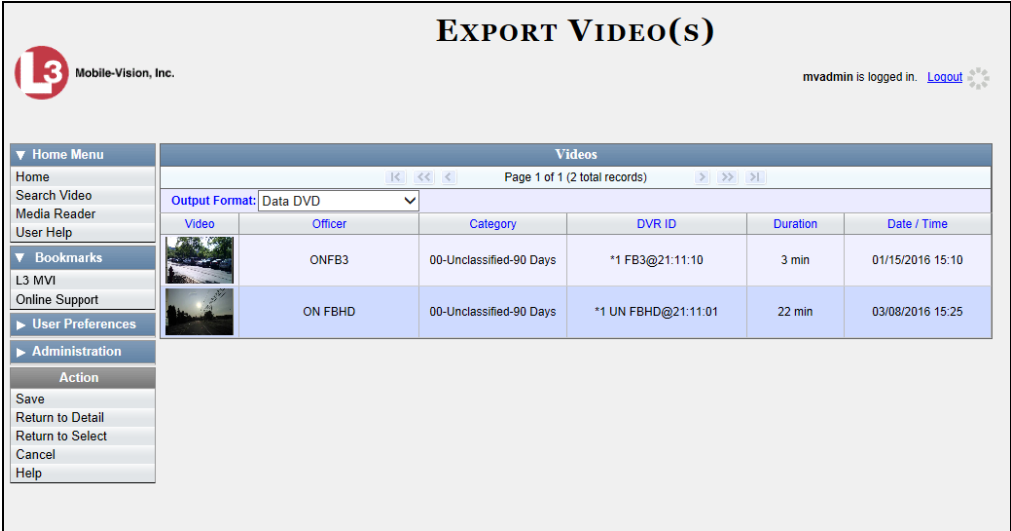
This section describes how to burn stand-alone video information to a *Data DVD* using your PC's DVD burner. *Stand-alone* video is video that is not linked to a case.

For a description of Data DVDs, see "Data DVD Format" on page 206.

If you prefer to burn video using your agency's robotic DVD burner, see "Burning Video to a Data DVD via the Robotic DVD Burner" on page 212 instead.

- 1 If you have not done so already, display the video(s) you wish to burn, then select the **Export** option, followed by **Export Video(s)**. (For more detailed instructions, see "Burning Video to DVD" on page 209.)

The Export Video(s) page displays.



EXPORT VIDEO(S)

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)



Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: Action, Save, Return to Detail, Return to Select, Cancel, Help

Videos: Page 1 of 1 (2 total records)

Video	Officer	Category	DVR ID	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25

- 2 If **Data DVD** displays in the *Output Format* field, proceed to the next step.

– OR –

If **Data DVD** does *not* display in the *Output Format* field, select it from the drop-down list.

- 3 Go to the **Action** column and click **Save**. The Export Options popup displays.

Depending on your user permissions, these checkboxes may or may not display



4 Select Manual Export.

You have two file options: an **ISO** file or a **ZIP** file. If you are exporting this data for the *sole purpose* of burning a DVD, select **ISO**. Otherwise select **ZIP**, which will copy your videos and any metadata to a folder first.

5 To burn this video as an ISO file (default), proceed to the next step.

– OR –

To burn this video as a ZIP file, select **ZIP**.

6 Enter a description for this DVD in the *Video Description* field.

7 If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.

– OR –

If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.

– OR –

If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.

8 If a Video Player Options section displays in the lower left corner of the Export Options popup (will include one or two checkboxes), proceed to the next step. Otherwise skip to step 13.

9 If a *Show GPS* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 12.

* International Association of Chiefs of Police

Latitude	40.8578
Longitude	-74.7090
Heading	59° - NEBE

10 If you want this video export to include GPS data with the Flashback Player (displays during video playback, as pictured left), select the *Show GPS* checkbox. Otherwise proceed to the next step.

11 If a *Show Speed* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 13.



Speed	5 MPH
-------	-------

12 If you want this video export to include vehicle speed data with the Flashback Player (displays in the GPS section during video playback, as pictured left), select the *Show Speed* checkbox. Otherwise proceed to the next step.

13 Click **Save**. The system begins processing your request. A copy of this request will display on your Home Page under *Sent Messages*.

When processing is complete, a confirmation message will display on your Home Page under *Inbox Messages*.

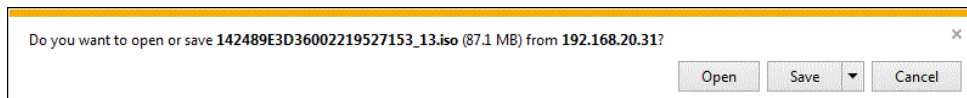
14 Go to your *Inbox* messages and look for a download icon next to the export confirmation message.

Inbox Messages			
Date	State	Message Text	Actions
07/05/2017 17:34	Completed	Export MVA on 80 Disc 1 of 1 is now ready for download.	 

⇒ If you see the download icon, proceed to the next step.

⇒ If you do *not* see the download icon, the system is still processing your request. Go to **Home Menu** and click **Home** to refresh your screen. Once you see the download icon, proceed to the next step.

15 Click the download icon to the right of the export message. A Windows message displays.



16 Select **Save As** from the *Save* drop-down list. The Save As window displays.

17 Navigate to the disk drive location where you wish to temporarily store the video file.

18 To change the file name, enter a new name in the *File name* field. Otherwise proceed to the next step.

19 Click **Save**. The system copies your file to the selected location. When the download is complete, a confirmation message displays.



- 20 Use the Windows Disc Image Burner or other commercial disc burning software to burn the video to DVD.

Burning Video to an Interchange Format DVD via Your PC's DVD Burner

This section describes how to burn selected stand-alone video(s) to an *Interchange Format* DVD using your PC's DVD burner. *Stand-alone* video is video that is not linked to a case.

For a description of the Interchange format, see "Interchange DVD Format" on page 208.


If you prefer to burn video using your agency's robotic DVD burner, see "Burning Video to an Interchange Format DVD via the Robotic DVD Burner" on page 217 instead.



WARNING: Once a video has been exported in Interchange format, its authenticity can no longer be verified. Such video can be edited and tampered with using commercial video editing software.

- 1 If you have not done so already, display the video(s) you wish to burn, then select the **Export** option, followed by **Export Video(s)**. (For more detailed instructions, see "Burning Video to DVD" on page 209.)

The Export Video(s) page displays.


Mobile-Vision, Inc.

EXPORT VIDEO(S)



mvadmin is logged in. [Logout](#)

- Home Menu
- Home
- Search Video
- Media Reader
- User Help
- Bookmarks
- L3 MVI
- Online Support
- User Preferences
- Administration
- Action
- Save
- Return to Detail
- Return to Select
- Cancel
- Help

Videos


Page 1 of 1 (2 total records)



Output Format: Data DVD

Video	Officer	Category	DVR ID	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25

- 2 Go to the *Output Format* field and select **Interchange Format** from the drop-down list. Two new columns display: *Video Source* and *Audio Source*.

EXPORT VIDEO(S)

 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu		Videos						
Home	Page 1 of 1 (2 total records)							
Search Video	Output Format: Interchange Format							
Media Reader	Video	Officer	Category	DVR ID	Video Source	Audio Source	Duration	Date / Time
User Help		ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	<input checked="" type="checkbox"/> VLP1/In Car <input checked="" type="checkbox"/> VLP1/In Car <input type="checkbox"/> VLP2 <input type="checkbox"/> VLP2	3 min	01/15/2016 15:10
Bookmarks		ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	<input checked="" type="checkbox"/> VLP1/In Car <input checked="" type="checkbox"/> VLP1/In Car <input type="checkbox"/> VLP2 <input type="checkbox"/> VLP2	22 min	03/08/2016 15:25
L3 MVI	Action							
Online Support	Save							
User Preferences	Return to Detail							
Administration	Return to Select							
Help	Cancel							
Help	Help							

- 3 If the word “Camera” displays in the *Video Source* column, proceed to the next step.
– OR –

If two checkboxes display in the *Video Source* column, select the camera views you wish to include for each video, as described below.

Video Source Setting	Description
<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 1 (forward facing zoom camera).
<input type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 2 (Backseat and/or Bullet cameras).
<input checked="" type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy the video that was recorded from <i>both</i> Camera Channel 1 and Camera Channel 2.

- 4 If the word “Camera” displays in the *Audio Source* column, proceed to the next step.
– OR –

If two checkboxes display in the *Audio Source* column, select the audio source that you wish to include for each video, as described below:

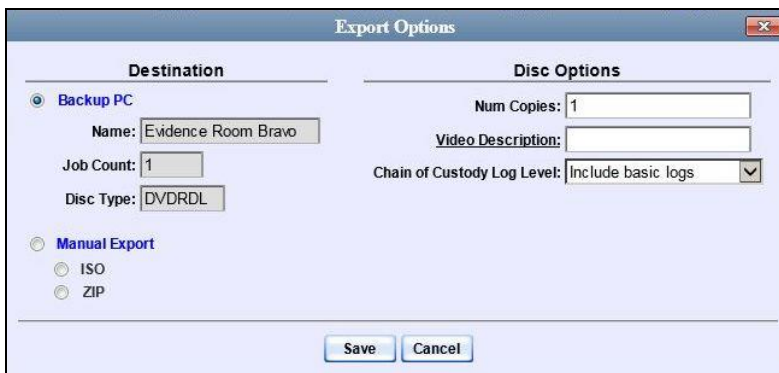
- VLP1/In Car. The audio from the wireless microphone that’s connected to your Flashback’s VLP 1 port *and* the audio from your in-car microphone (default). *See note below.*
- VLP2. The audio from the wireless microphone that’s connected to your Flashback’s VLP 2 port, if applicable.

Note on Flashback Audio Playback: If you choose the **VLP1/In Car** audio setting, you will be able to toggle back and forth between two audio streams: the stream from the wireless microphone that’s connected to your Flashback’s VLP 1 port, and the stream from your in-car microphone. On your DVD player, the *VLP1* audio stream is available on the *left* stereo channel, and the *In Car* audio stream is available on the *right* stereo channel. You can use the balance controls on your DVD player to switch back and forth between these two streams.

If you choose the **VLP2** audio setting, the audio stream from the wireless microphone that’s connected to your Flashback’s VLP 2 port will be available on your DVD player’s *left* stereo channel, and the *right* stereo channel will be mute.

- 5 Go to the **Action** column and click **Save**. The Export Options popup displays.

(Continued)



6 Select Manual Export.

You have two file options: an **ISO** file or a **ZIP** file. If you are exporting this data for the *sole purpose* of burning a DVD, select **ISO**. Otherwise select **ZIP**, which will copy your videos and any metadata to a folder first.

7 To burn this video as an ISO file (default), proceed to the next step.

– OR –

To burn this video as a ZIP file, select **ZIP**.

8 Enter a description for this DVD in the *Video Description* field.

9 If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.

– OR –

If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.

– OR –


If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.

10 Click **Save**. The system begins processing your request. A copy of this request will display on your Home Page under *Sent Messages*.

When processing is complete, a confirmation message will display on your Home Page under *Inbox Messages*.

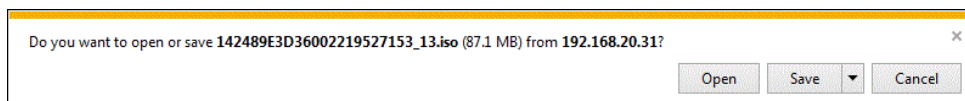
11 Go to your *Inbox* messages and look for a download icon next to the export confirmation message.

* International Association of Chiefs of Police

Inbox Messages			
Date	State	Message Text	Actions
07/05/2017 17:34	Completed	Export MVA on 80 Disc 1 of 1 is now ready for download.	

- ⇒ If you see the download icon, proceed to the next step.
- ⇒ If you do *not* see the download icon, the system is still processing your request. Go to **Home Menu** and click **Home** to refresh your screen. Once you see the download icon, proceed to the next step.

- 12 Click the download icon to the right of the export message. A Windows message displays.



- 13 Select **Save As** from the *Save* drop-down list. The Save As window displays.
- 14 Navigate to the disk drive location where you wish to temporarily store the video file.
- 15 To change the file name, enter a new name in the *File name* field. Otherwise proceed to the next step.
- 16 Click **Save**. The system copies your file to the selected location. When the download is complete, a confirmation message displays.



- 17 Use the Windows Disc Image Burner or other commercial disc burning software to burn the video to DVD.

Burning Video to an Uncompressed Format DVD via Your PC's DVD Burner

This section describes how to burn stand-alone video information to an *Uncompressed Format DVD* using your PC's DVD burner. *Stand-alone* video is video that is not linked to a case.

An Uncompressed Format DVD will include the same information found on a Data DVD. In addition, this type of DVD includes a button that allows you to convert the included videos into raw data format.

For more information on Uncompressed Format DVDs, see “Uncompressed DVD Format” on page 208.

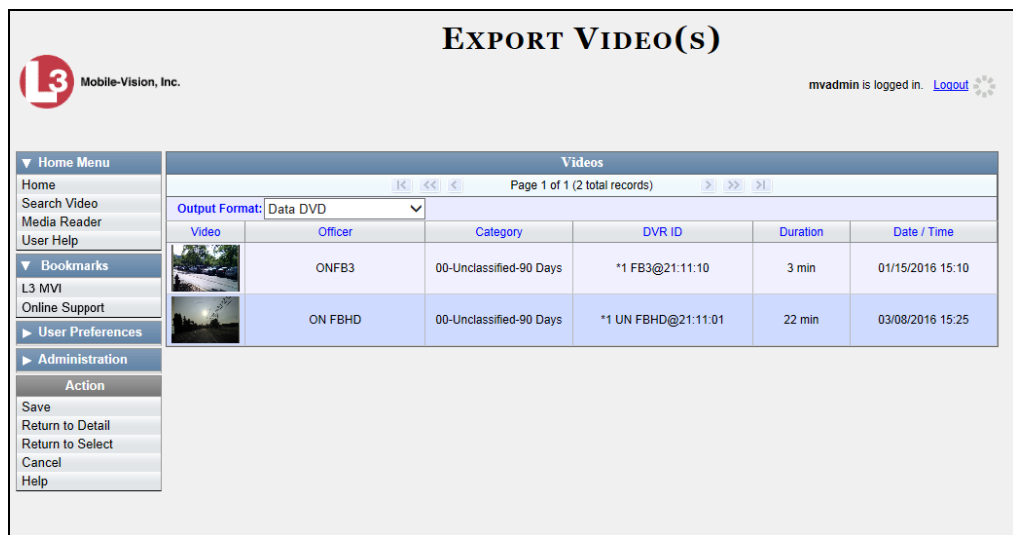
If you prefer to burn video using your agency's robotic DVD burner, see "Burning Video to an Uncompressed Format DVD via the Robotic DVD Burner" on page 221 instead.



WARNING: Once a video has been downloaded in uncompressed format and then converted to MP4 and DV files, its authenticity can no longer be verified. Such video can be edited and tampered with using commercial video editing software.

- 1 If you have not done so already, display the video(s) you wish to burn, then select the **Export** option, followed by **Export Video(s)**. (For more detailed instructions, see "Burning Video to DVD" on page 209.)

The Export Video(s) page displays.



EXPORT VIDEO(S)

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

User Preferences

Administration


Action

- Save
- Return to Detail
- Return to Select
- Cancel
- Help

Videos

Page 1 of 1 (2 total records)

Output Format: Data DVD

Video	Officer	Category	DVR ID	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25

- 2 Go to the *Output Format* field and select **Uncompressed Format** from the drop-down list.
- 3 Go to the **Action** column and click **Save**. The Export Options popup displays.

Depending on your user permissions, these checkboxes may or may not display



4 Select Manual Export.

You have two file options: an **ISO** file or a **ZIP** file. If you are exporting this data for the *sole purpose* of burning a DVD, select **ISO**. Otherwise select **ZIP**, which will copy your videos and any metadata to a folder first.

5 To burn this video as an ISO file (default), proceed to the next step.

– OR –

To burn this video as a ZIP file, select **ZIP**.

6 Enter a description for this DVD in the *Video Description* field.

7 If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.

– OR –

If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.

– OR –

If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.

8 If a Video Player Options section displays in the lower left corner of the Export Options popup (will include one or two checkboxes), proceed to the next step. Otherwise skip to step 13.

9 If a *Show GPS* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 12.

* International Association of Chiefs of Police

Latitude	40.8578
Longitude	-74.7090
Heading	59° - NEbE

10 If you want this video export to include GPS data with the Flashback Player (displays during video playback, as pictured left), select the *Show GPS* checkbox. Otherwise proceed to the next step.

11 If a *Show Speed* checkbox displays in the Video Player Options section, proceed to the next step. Otherwise skip to step 13.



Speed	5 MPH
-------	-------

12 If you want this video export to include vehicle speed data with the Flashback Player (displays in the GPS section during video playback, as pictured left), select the *Show Speed* checkbox. Otherwise proceed to the next step.


13 Click **Save**. The system begins processing your request. A copy of this request will display on your Home Page under *Sent Messages*.


When processing is complete, a confirmation message will display on your Home Page under *Inbox Messages*.

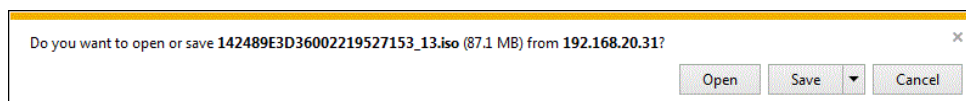
14 Go to your *Inbox* messages and look for a download icon next to the export confirmation message.

Inbox Messages			
Page 1 of 1 (1 total records)			
Date	State	Message Text	Actions
07/05/2017 17:34	Completed	Export MVA on 80 Disc 1 of 1 is now ready for download.	 

⇒ If you see the download icon, proceed to the next step.

⇒ If you do *not* see the download icon, the system is still processing your request. Go to  and click **Home** to refresh your screen. Once you see the download icon, proceed to the next step.

 **15** Click the download icon to the right of the export message. A Windows message displays.



16 Select **Save As** from the *Save* drop-down list. The Save As window displays.

17 Navigate to the disk drive location where you wish to temporarily store the video file.

18 To change the file name, enter a new name in the *File name* field. Otherwise proceed to the next step.

19 Click **Save**. The system copies your file to the selected location. When the download is complete, a confirmation message displays.



- 20 Use the Windows Disc Image Burner or other commercial disc burning software to burn the video to DVD.

Burning Video to an FOIA Redacted DVD via Your PC's DVD Burner

This section describes how to burn selected stand-alone video(s) to an FOIA Redacted DVD using your PC's DVD burner. *Stand-alone* video is video that is not linked to a case.

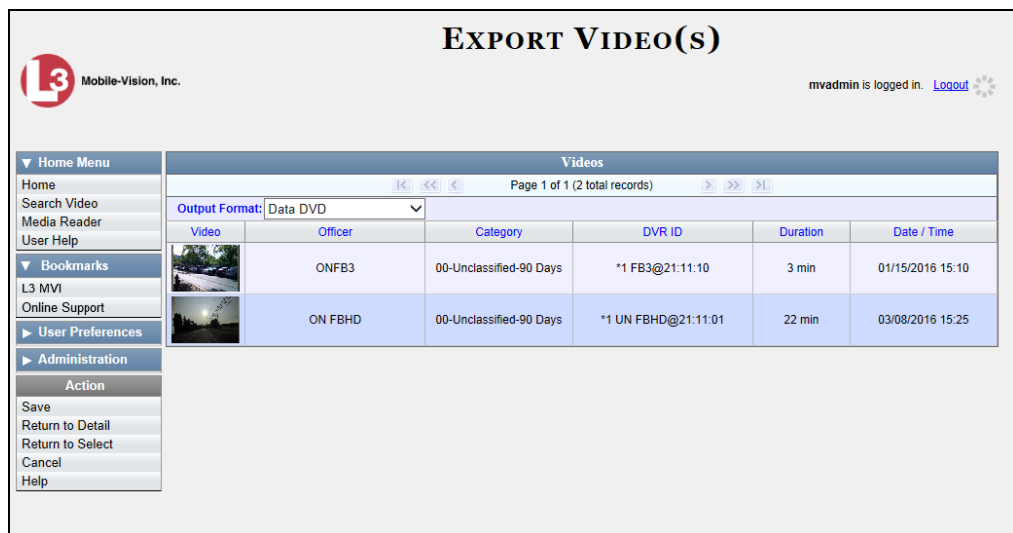
For a description of the FOIA format, see "FOIA Redacted DVD Format" on page 209.



WARNING: Once a video has been exported in FOIA Redacted format, its authenticity can no longer be verified. Such video can be edited and tampered with using commercial video editing software.

- 1 If you have not done so already, display the video you wish to burn, then select the **Export** option, followed by **Export Video(s)**. (For more detailed instructions, see "Burning Video to DVD" on page 209.)

The Export Video(s) page displays.



EXPORT VIDEO(S)

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

User Preferences

Administration


Action

- Save
- Return to Detail
- Return to Select
- Cancel
- Help

Videos

Page 1 of 1 (2 total records)

Output Format: Data DVD

Video	Officer	Category	DVR ID	Duration	Date / Time
	ONFB3	00-Unclassified-90 Days	*1 FB3@21:11:10	3 min	01/15/2016 15:10
	ON FBHD	00-Unclassified-90 Days	*1 UN FBHD@21:11:01	22 min	03/08/2016 15:25

- 2 Go to the *Output Format* field and select **FOIA Redaction Format** from the drop-down list. Three new columns display: *Video Source*, *Audio Source*, and *Redaction*.

(Continued)



- 3 If the word “Camera” displays in the *Video Source* column, proceed to the next step.
– OR –

If two checkboxes display in the *Video Source* column, select the camera views you wish to include for each video, as described in the following table.

Video Source Setting	Description
<input checked="" type="checkbox"/> Front <input type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 1 (forward facing zoom camera).
<input type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy only the video recorded from Camera Channel 2 (Backseat and/or Bullet cameras).
<input checked="" type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	Copy the video that was recorded from <i>both</i> Camera Channel 1 and Camera Channel 2.

- 4 To include at least one audio track with this export, proceed to the next step.
– OR –
- To include *no* audio tracks with this export (i.e., omit all audio), deselect the VLP1 checkbox. Skip to step 6.
- 5 If the word “Camera” displays in the *Audio Source* column, proceed to the next step.
– OR –

If two checkboxes display in the *Audio Source* column, select the audio sources that you wish to include for each video. You may select up to two sources for each video. These audio tracks will play concurrently when watching the video.

- VLP1*. The audio from the wireless microphone that’s connected to your Flashback’s VLP 1 port (default)

- VLP2.** The audio from the wireless microphone that's connected to your Flashback's VLP 2 port, if applicable
- In Car.** The audio from your in-car microphone.

Note on Flashback Audio Playback: If you choose the **VLP1** and **In Car** audio settings, you will be able to toggle back and forth between two audio streams: the stream from the wireless microphone that's connected to your Flashback's VLP 1 port, and the stream from your in-car microphone. On your DVD player, the **VLP1** audio stream is available on the *left* stereo channel, and the **In Car** audio stream is available on the *right* stereo channel. You can use the balance controls on your DVD player to switch back and forth between these two streams.

If you choose the **VLP2** audio setting, the audio stream from the wireless microphone that's connected to your Flashback's VLP 2 port will be available on your DVD player's *left* stereo channel, and the *right* stereo channel will be mute.




- 6 Go to the *Redaction* column and click on one of the following buttons:
- Camera.** Redact the video from a *BodyVISION* or *BWX-100* Body Worn camera.
 - Front.** Redact the video from a Flashback's Camera Channel 1. For in-car systems, this is the video captured with your forward-facing zoom camera.
 - Rear.** Redact the video from a Flashback's Camera Channel 2. For in-car systems, this is the video captured with your Backseat camera and/or Bullet camera(s).



The Redaction Settings popup displays.



The Redaction settings are described in the table on the next page.

(Continued)

Redaction Settings	
Setting	Description
Blur Level	<p>The degree to which you wish to blur the video or video segment you are exporting. By default, the system does not blur the video at all (Blur Level = <i>None</i>). However, if you select any of the other settings (<i>Low</i>, <i>Med</i>, or <i>High</i>), the system will blur every frame of the video or video segment.</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 5px;"> Low Medium High </div>
Enable Trimming	<p>A checkbox used to indicate whether you wish to export <i>all</i> of the video or a selected <i>segment</i> of the video.</p> <p><input type="checkbox"/> Export the entire full-length video <input checked="" type="checkbox"/> Export a segment of the full-length video</p> <p>If you select Enable Trimming, you will have to select a date/time range using <i>Trim Start</i> and <i>Trim Stop</i> fields.</p>
Trim Start	<p>The beginning of the date/time range you wish to excerpt from the original full-length video. <i>Use the calendar popup to select this date/time.</i></p>
Trim Stop	<p>The end of the date/time range you wish to excerpt from the original full-length video. <i>Use the calendar popup to select this date/time.</i></p>

- 7 To blur the entire video or video segment, proceed to the next step. Otherwise skip to step 9.
- 8 Select a *Blur Level*: **Low**, **Med**, or **High** (see samples above).
- 9 To export a *segment* of the original full-length video, proceed to the next step.
– OR –
To export the entire full-length video, skip to step 13.
- 10 Select the *Enable Trimming* checkbox.
-  11 Proceed to *Trim Start* field. Using the calendar popup, select the beginning of the video date/time range you wish to export.
-  12 Proceed to *Trim Stop* field. Using the calendar popup, select the end of the video date/time range you wish to export.
- 13 Click **Save**.

- 14 To redact other videos that are included with this DVD, repeat steps 6 – 13. Otherwise proceed to the next step.
- 15 Go to the **Action** column and click **Save**. The Export Options popup displays.

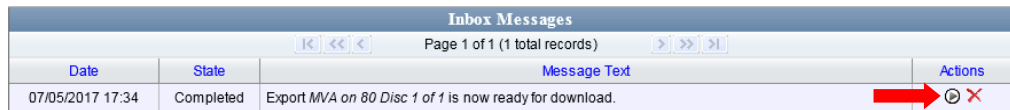



You have two file options: an **ISO** file or a **ZIP** file. If you are exporting this data for the *sole purpose* of burning a DVD, select **ISO**. Otherwise select **ZIP**, which will copy your videos and any metadata to a folder first.


- 16 To burn this video as an ISO file (default), proceed to the next step.
– OR –
To burn this video as a ZIP file, select **ZIP**.
- 17 Enter a description for this DVD in the *Video Description* field.
- 18 If you'd like the Chain of Custody report to include basic logs only (default), proceed to the next step.
– OR –
If you'd like the Chain of Custody report to include basic logs *and* IACP* logs, select **Include IACP logs** from the *Chain of Custody Log Level* drop-down list.
– OR –
If you'd like the Chain of Custody report to include all available logs, select **Include all available logs** from the *Chain of Custody Log Level* drop-down list.
- 19 Click **Save**. The system begins processing your request. A copy of this request will display on your Home Page under *Sent Messages*.

When processing is complete, a confirmation message will display on your Home Page under *Inbox Messages*.
- 20 Go to your *Inbox* messages and look for a download icon next to the export confirmation message.

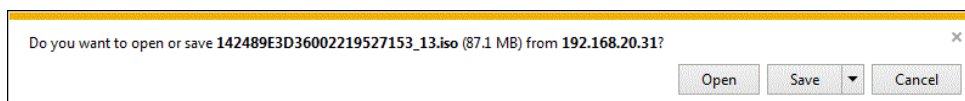
* International Association of Chiefs of Police



Date	State	Message Text	Actions
07/05/2017 17:34	Completed	Export MVA on 80 Disc 1 of 1 is now ready for download.	

- ⇒ If you see the download icon, proceed to the next step.
- ⇒ If you do *not* see the download icon, the system is still processing your request. Go to  and click **Home** to refresh your screen. Once you see the download icon, proceed to the next step.

- 21 Click the download icon to the right of the export message. A Windows message displays.



- 22 Select **Save as** from the *Save* drop-down list. The Save As window displays.
- 23 Navigate to the disk drive location where you wish to temporarily save the video file.
- 24 To change the file name, enter a new name in the *File name* field. Otherwise proceed to the next step.
- 25 Click **Save**. The system copies your file to the selected location. When the download is complete, a confirmation message displays:



- 26 Use the Windows Disc Image Burner or other commercial disc burning software to burn the video to DVD.

Viewing DVDs

This section describes how to view the videos stored on your export discs, also referred to as *user-requested certified copies*. You *cannot* view videos on an archive disc (Certified Backup Disc). The latter is only used to restore videos to the server PC if/when the need arises.

The manner in which you view videos and other data on a DVD depends on the DVD's format. For specific instructions, see:

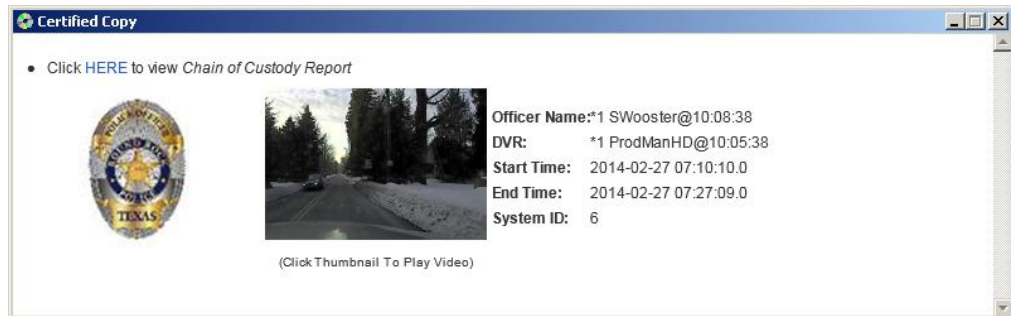
- Viewing a Data DVD, next page
- Viewing a Consumer DVD, page 241
- Viewing an Interchange or FOIA Redacted Format DVD, page 243
- Viewing an Uncompressed or FOIA Redacted DVD Format DVD, page 244.

Viewing a Data DVD

This section describes how to view information stored on an export disc (i.e., *user requested certified copy*) that is in *Data DVD* format.



- 1 Insert the Data DVD into your PC's DVD player. In most cases, the DVD menu will display automatically. If it does *not* display, navigate to your PC's DVD/CD drive and double-click on the **AutoPlay.exe** icon.



- 2 To play a video, click on the thumbnail image for that video. The Flashback Player launches. This player will differ slightly depending on whether you are watching a Flashback1 or Flashback2/3/HD/BV video. For more information, see "Flashback1 Player" or "Flashback2/3/HD/BV Player" in chapter 2.

– OR –

To display other information, such as the Chain of Custody Report or an attached media file, click on the appropriate hypertext link. The file will display in the associated software application, such as Adobe Reader.

- 3 When you are finished viewing the files on this DVD, click the in the upper right corner of the popup to exit the DVD menu.

Viewing a Consumer DVD

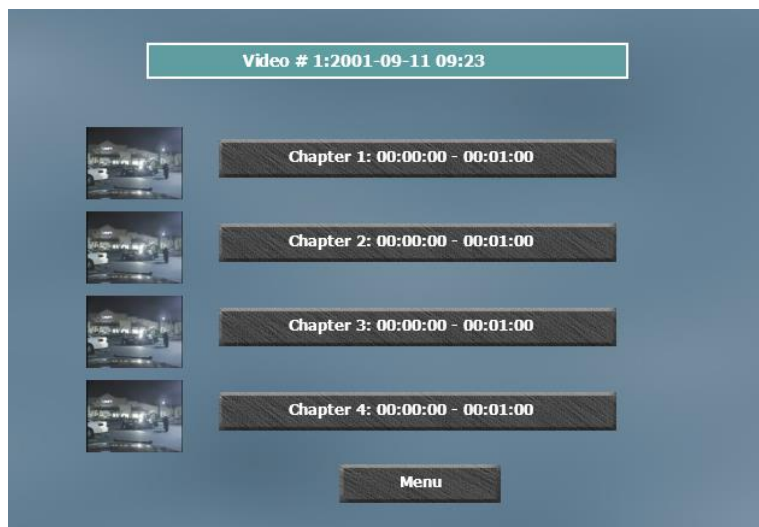
This section describes how to view videos stored on an export disc (i.e., *user requested certified copy*) that is in *Consumer DVD* format.

- 1 Insert the Consumer DVD into the input tray of a consumer DVD player. After you close the tray, the DVD main menu will automatically display on your TV screen or monitor.

(Continued)



- 2 Click the button that corresponds to the video and camera view you are interested in. The Group menu displays.



The system automatically divides each video into four time segments. This allows you to start viewing at a particular point in the video without having to watch the whole thing.

- 3 To play the entire video from start to finish, click the **Chapter 1** button. The video begins playing on your TV screen or monitor. **End of Procedure.**

– OR –

To start viewing the video partway in, click the **Chapter 2**, **Chapter 3**, or **Chapter 4** button. The video begins playing on your TV screen or monitor.

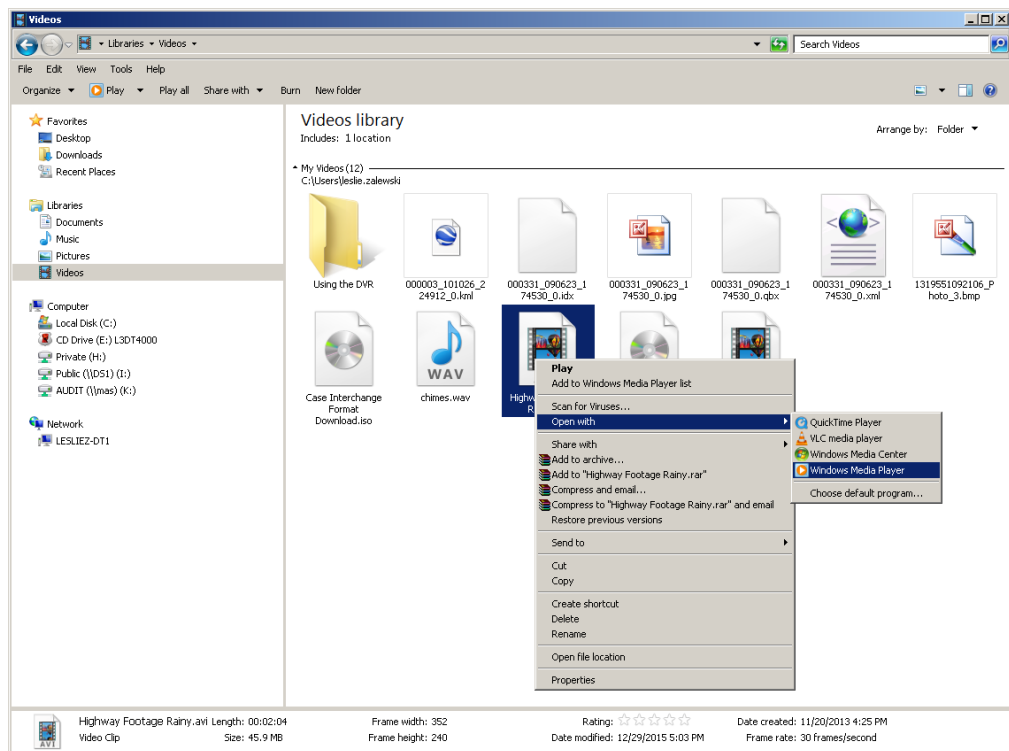
Viewing an Interchange or FOIA Redacted Format DVD

This section describes how to view videos stored on an export disc (i.e., *user requested certified copy*) that is in *Interchange* or *FOIA Redacted* format.

- 1 Insert the *Interchange* or *FOIA Redacted* DVD into your PC's CD/DVD drive.
- 2 Using Windows Explorer, navigate to the DVD drive.
- 3 Locate the desired video file, which will have an extension of either **.mkv** (*BodyVISION* videos), **.avi** (*VIEVU* videos), or **.mp4** (all other videos).
- 4 Right-click on the video file, then select **Open with**→[**player software**] from the popup menu. For example, to play your video on the Windows Media Player, select **Open with**→**Windows Media Player**.



HINT: If you are playing a *BodyVISION* video, select the **VLC media player**.



The selected video player displays.

(Continued)



- 5 If the video does not launch automatically, click the **Play** button.

Viewing an Uncompressed Format DVD

This section describes how to view information stored on an export disc (i.e., *user requested certified copy*) that is in *Uncompressed* format.



- 1 Insert the Uncompressed format DVD into your PC's DVD player. In most cases, the DVD menu will display automatically. If it does *not* display, navigate to your PC's DVD/CD drive and double-click on the **AutoPlay.exe** icon.

The appearance of this menu is similar to that of a Data DVD disc, except that it includes links at the bottom of the screen that are used to convert selected QBX files into DV and MP4 files.



- 2 To play a video, click on the thumbnail image for that video. The Flashback Player launches. For a description of the Flashback Player and its various features, see “Flashback2/3/HD/BV Player” in chapter 2. **End of procedure.**

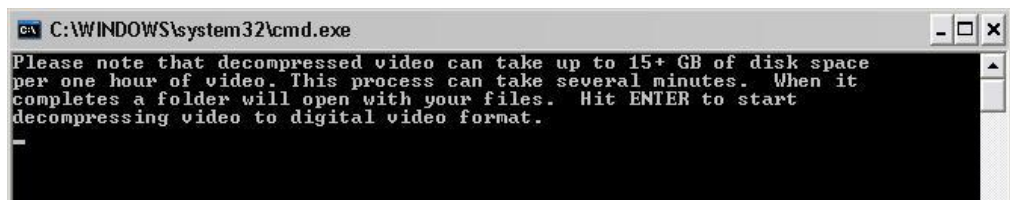
– OR –

To display other information, such as the Chain of Custody Report or an attached media file, click on the appropriate hypertext link. The file will display in the associated software application, such as Adobe Reader. **End of procedure.**

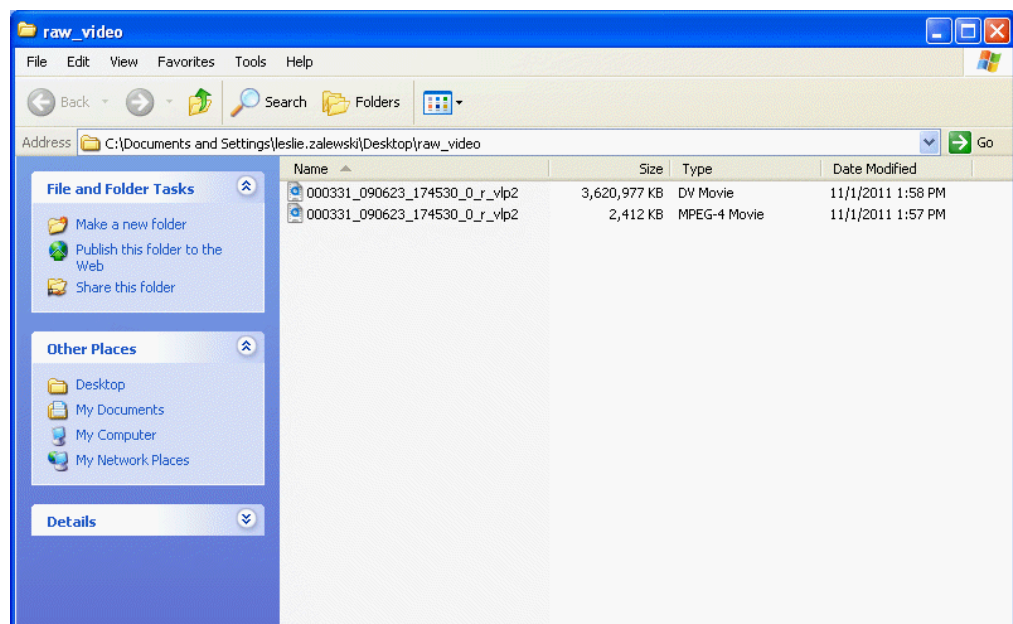
– OR –

To convert a selected video to DV and MP4 files, click the **HERE** link to the left of the file you wish to convert. If a security message displays, click **Run**.

A confirmation message displays.



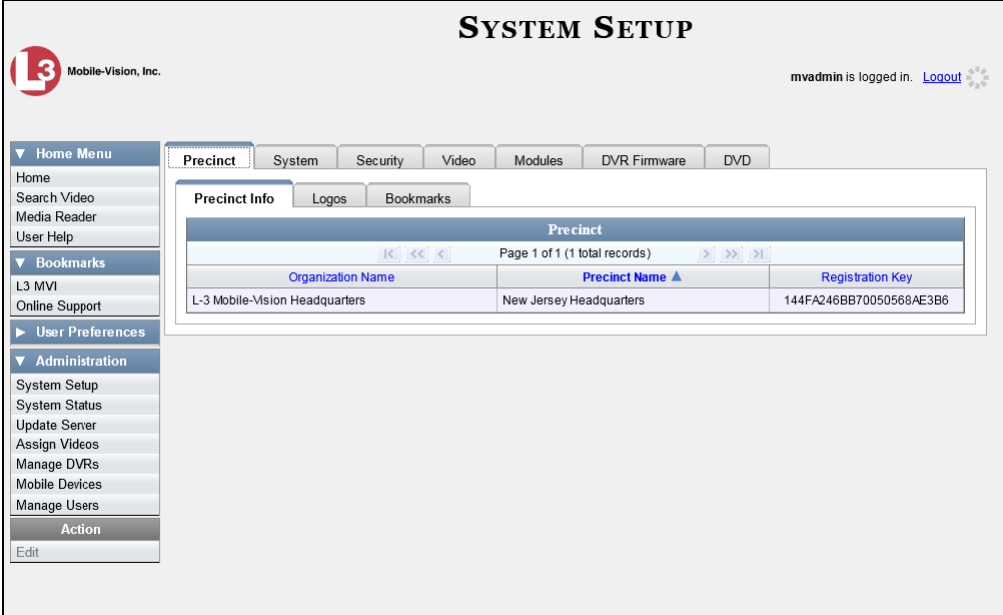
- 3 Read the onscreen message. If you are sure you want to proceed with the conversion, press **Enter**. The system begins converting the selected file. When the conversion is complete, the current screen closes and the system automatically opens a folder on your desktop called *raw_video* which contains the MP4 and DV files.



Changing the File Types that are Automatically Archived

This section describes how to designate which type of files will be backed up automatically by the system using your agency's robotic DVD burner or BluRay burner. Backups occur on a schedule according to video category. A video's category determines how long it will remain online. For more information on video category settings, see "Changing Video Categories" in chapter 2.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

User Preferences

Administration

- System Setup
- System Status
- Update Sener
- Assign Videos
- Manage DVRs
- Mobile Devices
- Manage Users

Action

- Edit

Precinct System Security Video Modules DVR Firmware DVD

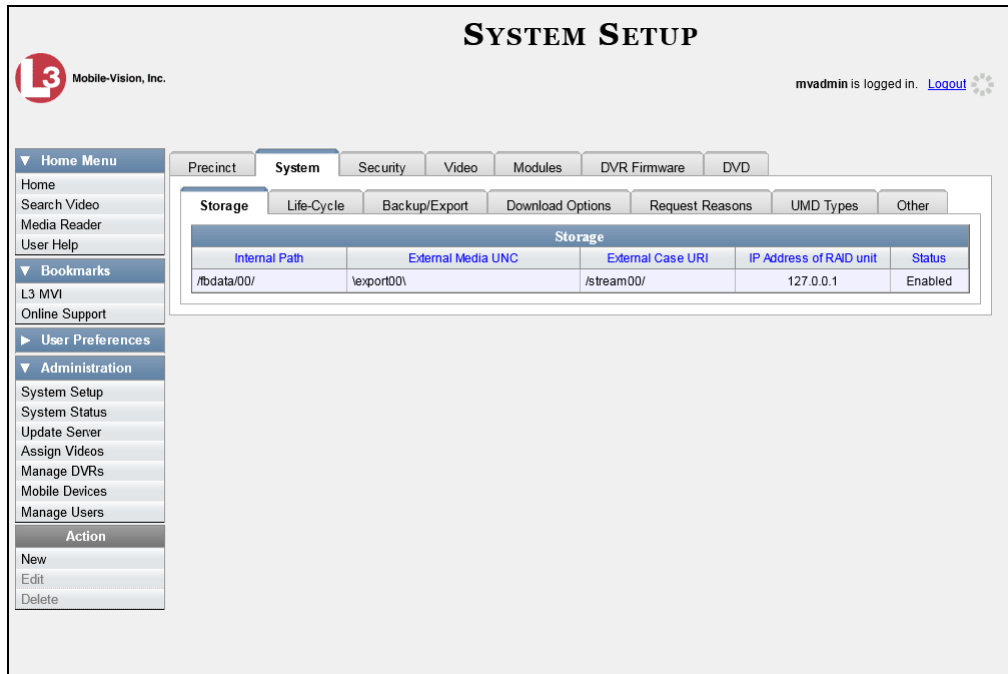
Precinct Info Logos Bookmarks

Precinct

Page 1 of 1 (1 total records)

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.



SYSTEM SETUP

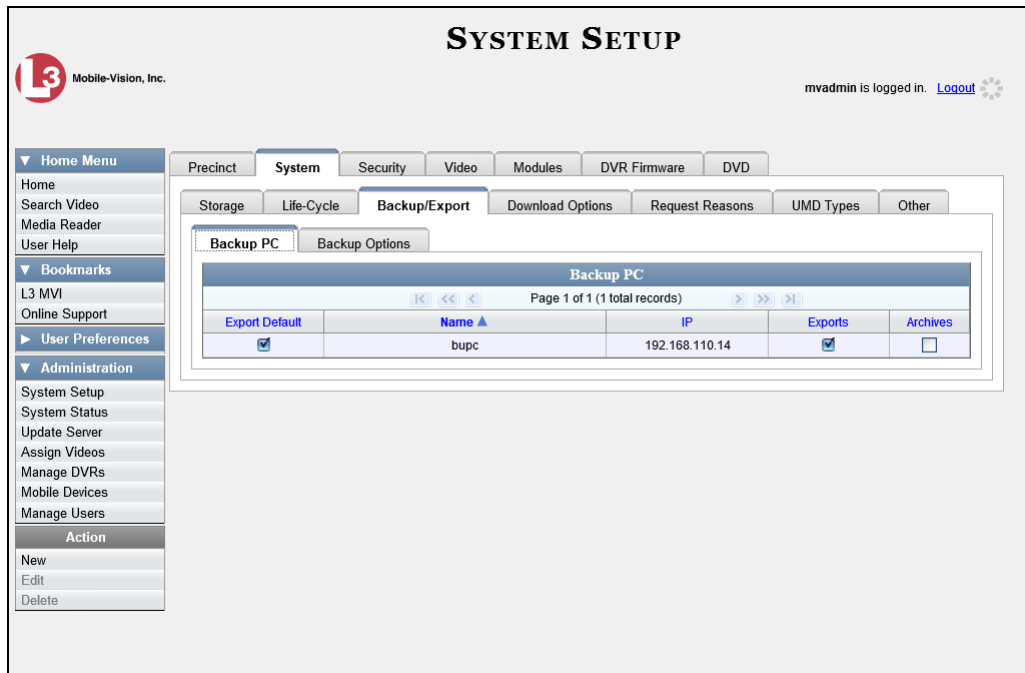
Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Navigation: Precinct | **System** | Security | Video | Modules | DVR Firmware | DVD

Sub-navigation: Storage | Life-Cycle | Backup/Export | Download Options | Request Reasons | UMD Types | Other

Storage				
Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\\export00\	/stream00/	127.0.0.1	Enabled

3 Click the **Backup/Export** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Navigation: Precinct | System | Security | Video | Modules | DVR Firmware | DVD

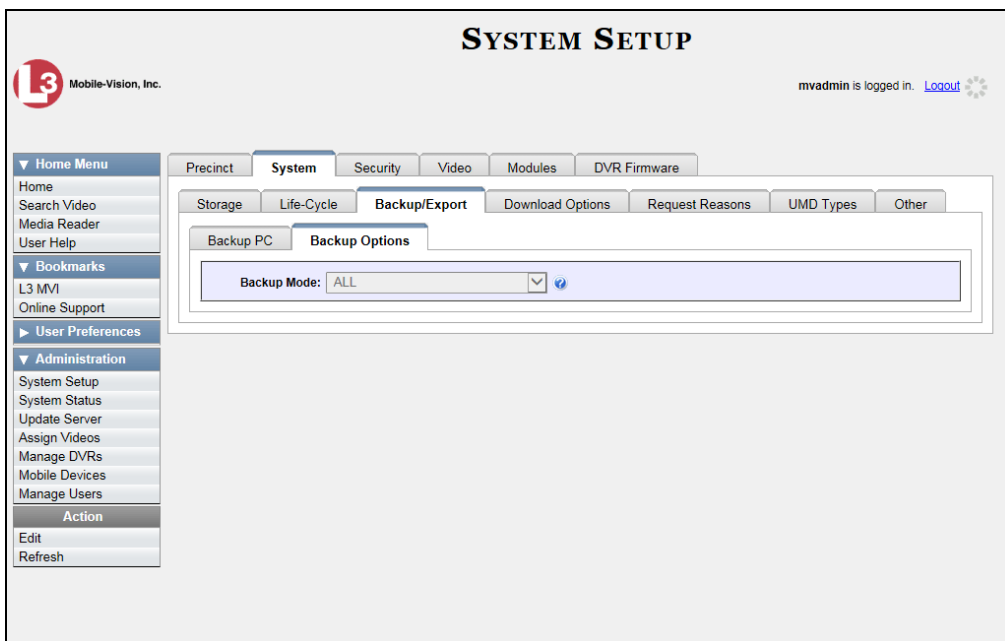
Sub-navigation: Storage | Life-Cycle | **Backup/Export** | Download Options | Request Reasons | UMD Types | Other

Sub-sub-navigation: Backup PC | Backup Options

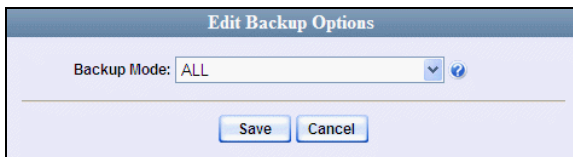
Backup PC				
Export Default	Name ▲	IP	Exports	Archives
<input checked="" type="checkbox"/>	bupc	192.168.110.14	<input checked="" type="checkbox"/>	<input type="checkbox"/>

4 Click the **Backup Options** tab.

(Continued)



- Go to the **Action** column and click **Edit**. The Edit Backup Options popup displays.



- Select an option from the *Backup Mode* drop-down list, as described below.

Backup Modes																																													
Mode	Description																																												
ALL	Before purging, the system will backup all videos, regardless of what the video categories' individual backup settings are.																																												
CATEGORY	Before purging, the system will backup all videos with a video category that is <i>backup enabled</i> (see example below). <div> <table border="1"> <thead> <tr> <th colspan="4">Video Categories</th> </tr> <tr> <th>Description</th> <th>Day(s) Online</th> <th>In Use</th> <th>Backup Enabled</th> </tr> </thead> <tbody> <tr><td>No Citation</td><td>30</td><td>Yes</td><td>Disabled</td></tr> <tr><td>Citation</td><td>30</td><td>Yes</td><td>Disabled</td></tr> <tr><td>Search</td><td>90</td><td>Yes</td><td>Disabled</td></tr> <tr><td>Arrest</td><td>90</td><td>Yes</td><td>Disabled</td></tr> <tr><td>Other</td><td>90</td><td>Yes</td><td>Disabled</td></tr> <tr><td>Other 2</td><td>90</td><td>No</td><td>Enabled</td></tr> <tr><td>Other 3</td><td>90</td><td>No</td><td>Enabled</td></tr> <tr><td>Other 4</td><td>90</td><td>No</td><td>Enabled</td></tr> <tr><td>Other 5</td><td>90</td><td>No</td><td>Enabled</td></tr> </tbody> </table> </div>	Video Categories				Description	Day(s) Online	In Use	Backup Enabled	No Citation	30	Yes	Disabled	Citation	30	Yes	Disabled	Search	90	Yes	Disabled	Arrest	90	Yes	Disabled	Other	90	Yes	Disabled	Other 2	90	No	Enabled	Other 3	90	No	Enabled	Other 4	90	No	Enabled	Other 5	90	No	Enabled
Video Categories																																													
Description	Day(s) Online	In Use	Backup Enabled																																										
No Citation	30	Yes	Disabled																																										
Citation	30	Yes	Disabled																																										
Search	90	Yes	Disabled																																										
Arrest	90	Yes	Disabled																																										
Other	90	Yes	Disabled																																										
Other 2	90	No	Enabled																																										
Other 3	90	No	Enabled																																										
Other 4	90	No	Enabled																																										
Other 5	90	No	Enabled																																										

(Continued)

Backup Modes (cont'd)	
Mode	Description
CATEGORY (cont'd)	For more information, see “Changing Video Categories” in chapter 2.
CATEGORY & TAGGED	Before purging, the system will backup 1) all videos with a video category that is <i>backup enabled</i> , and 2) all videos that are tagged.
EXTERNAL	Before purging, the system will use an external backup device, such as the Dell Power Vault 124T, to backup all videos*.
NONE	The system will not backup any media. Select this option if either of the following circumstances apply: <ul style="list-style-type: none"> ▪ Your agency does not have a robotic DVD burner or BluRay burner ▪ Your agency only wants to use your disc burner to generate <i>export</i> discs (i.e., user-requested certified copies).

7 Click **Save**.

Customizing DVD Labels

This section describes how to customize the labels for your video DVDs. You can design a different label for two DVD formats:

- Archive – Certified Backup Disc
- Data DVD – Video

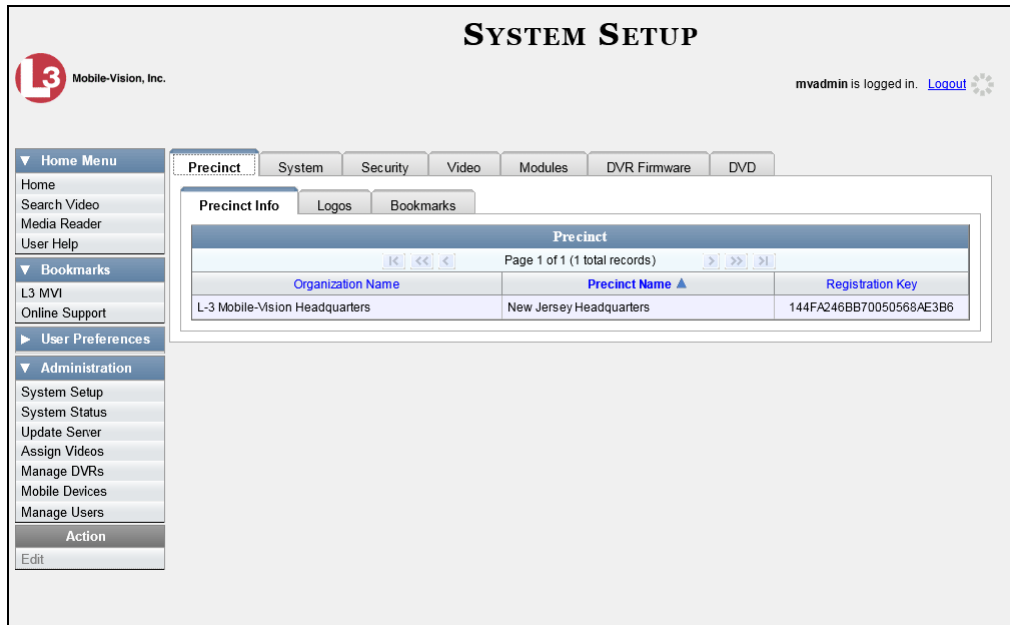


NOTE: Interchange format and Uncompressed format DVDs receive the Data DVD label. Therefore all customizations to the Data DVD label will affect those DVDs as well.

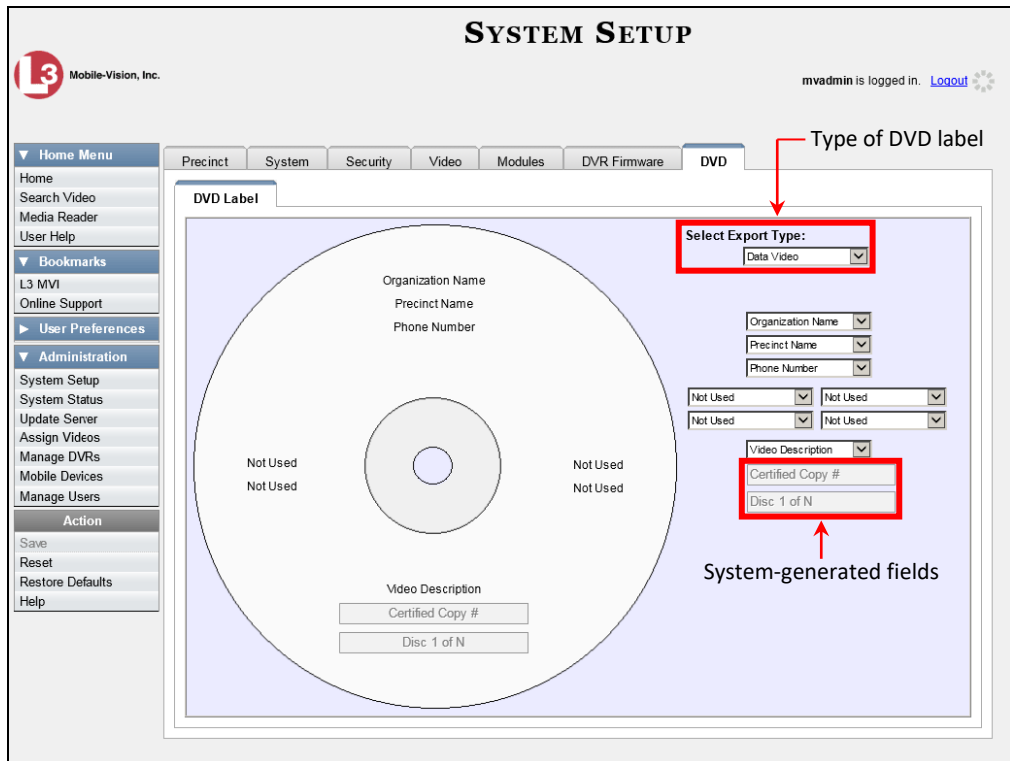
1 Go to **Administration** and click **System Setup**. The System Setup page displays.

(Continued)

* Works in conjunction with the Barracuda Yosemite backup software.



2 Click the **DVD** tab. A mock-up of a DVD label displays.



- 3 To customize the Data DVD–Video label (default), proceed to the next step.
– OR –
To customize the Archive (Certified Backup Disc) label, select **Archive (backup)** from the *Select Export Type* drop-down list.
- 4 Using the other drop-down lists on this page, select values for each section of the DVD label. Note that the drop-down lists are in the exact same order and layout as the label itself. If you select the *Administrator Static* field (see description below) you will be prompted to enter a corresponding value on the disc diagram.

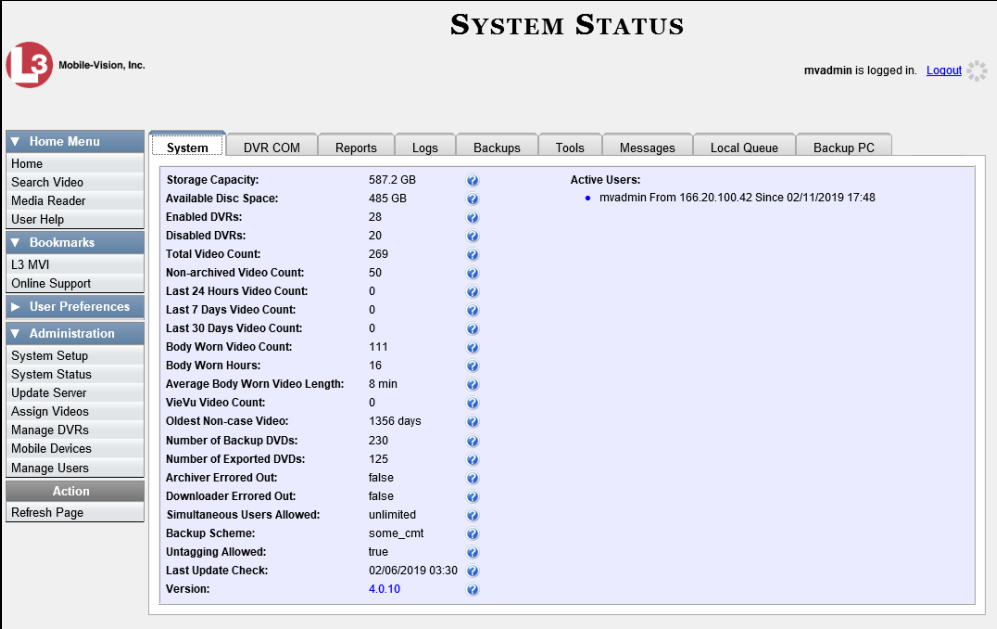
Administrator Static. This field enables you to enter a label value that will always be the same, such as “For internal use only.”

- 5 Go to the **Action** column and click **Save**.

Viewing the Certified Backups List

This section describes how to view a list of the following:

- All of the prior backups made to an external backup device (if applicable)
 - All of the prior DVD backups
 - All of the *pending* backups. These are the backup jobs that are in the queue but have not occurred yet (i.e., archive discs that are waiting to be burned).
- 1 Go to **Administration** and click **System Status**. The System Status page displays.



SYSTEM STATUS

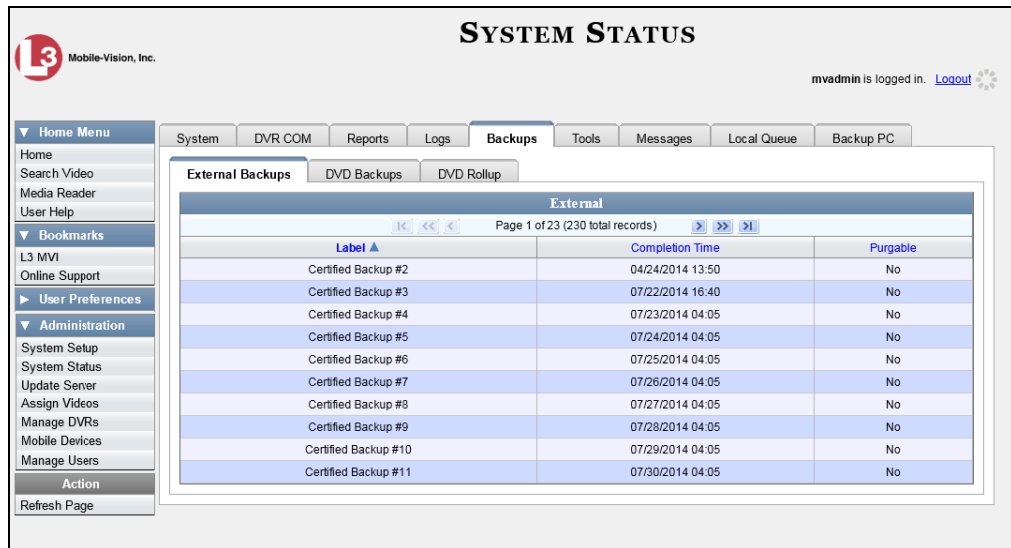
Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Navigation: [System](#) | [DVR COM](#) | [Reports](#) | [Logs](#) | [Backups](#) | [Tools](#) | [Messages](#) | [Local Queue](#) | [Backup PC](#)

System	DVR COM	Reports	Logs	Backups	Tools	Messages	Local Queue	Backup PC
Storage Capacity:	587.2 GB							
Available Disc Space:	485 GB							
Enabled DVRs:	28							
Disabled DVRs:	20							
Total Video Count:	269							
Non-archived Video Count:	50							
Last 24 Hours Video Count:	0							
Last 7 Days Video Count:	0							
Last 30 Days Video Count:	0							
Body Worn Video Count:	111							
Body Worn Hours:	16							
Average Body Worn Video Length:	8 min							
VieVu Video Count:	0							
Oldest Non-case Video:	1356 days							
Number of Backup DVDs:	230							
Number of Exported DVDs:	125							
Archiver Errored Out:	false							
Downloader Errored Out:	false							
Simultaneous Users Allowed:	unlimited							
Backup Scheme:	some_cmt							
Untagging Allowed:	true							
Last Update Check:	02/06/2019 03:30							
Version:	4.0.10							

Active Users:
• mvadmin From 166.20.100.42 Since 02/11/2019 17:48

2 Click the **Backups** tab.



3 To view a list of tape backups, make sure the **External Backups** tab is selected.

– OR –

To view a list of DVD backups, click the **DVD Backups** tab.

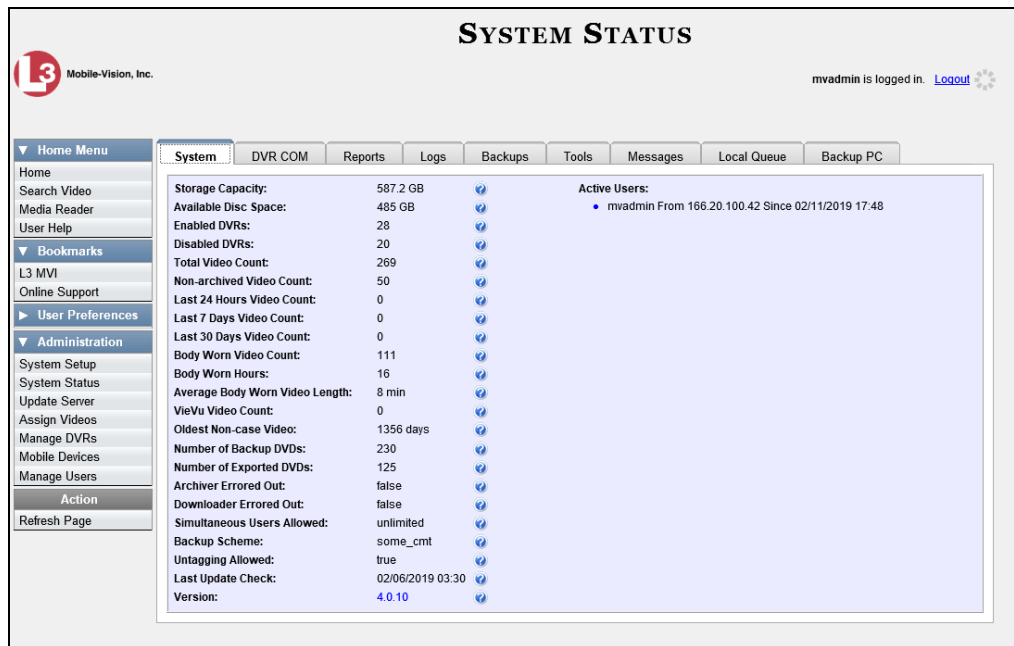
The columns on the *External Backups* and *DVD Backups* lists are described below.

Column	Description
Label	The number of the Certified Backup. Backup numbers are assigned automatically by the system in sequential order, beginning with no. 1. The highest number on this list is the most recent backup. Note: If a backup job is cancelled for some reason, that number will not be used again. This explains why the backup list occasionally "skips" a number. If you see a 15 followed by a 17 , for example, it just means that archive disc 16 was cancelled.
Completion Time	The date and time at which the backup was completed. Displays in mm/dd/yyyy hh:mm format. If a backup is in the queue but has not been performed yet, the word Pending will display here.
Purgable	A yes/no indicator that tells you whether or not you can safely discard a backup tape or DVD based on your Online Lifecycle Settings: <ul style="list-style-type: none"> ▪ No. You can still use the Backup tape or DVD to reactivate a video; therefore you should <i>not</i> discard it yet. ▪ Yes. The Backup tape or DVD is "expired" and can no longer be used to reactivate a video; therefore you may discard or destroy it according to your agency's policies.

Downloading a DVD Burn Application to Your PC

In order to burn a DVD on your PC, you need to have DVD burning software installed, such as Roxio Creator. If you don't have such an application, you can download one called *cdrtools*, as described in this section.

- 1 Go to **Administration** and click **System Status**. The System Status page displays.



SYSTEM STATUS

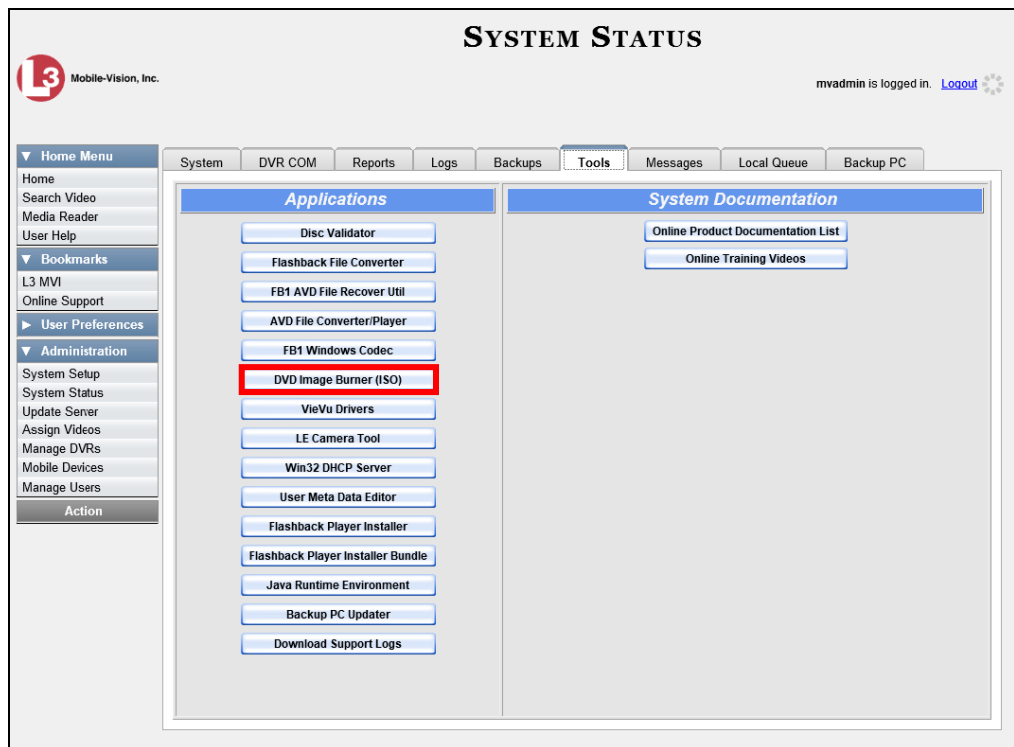
Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB	🔍	Active Users:
Available Disc Space:	485 GB	🔍	• mvadmin From 166.20.100.42 Since 02/11/2019 17:48
Enabled DVRs:	28	🔍	
Disabled DVRs:	20	🔍	
Total Video Count:	269	🔍	
Non-archived Video Count:	50	🔍	
Last 24 Hours Video Count:	0	🔍	
Last 7 Days Video Count:	0	🔍	
Last 30 Days Video Count:	0	🔍	
Body Worn Video Count:	111	🔍	
Body Worn Hours:	16	🔍	
Average Body Worn Video Length:	8 min	🔍	
VieVu Video Count:	0	🔍	
Oldest Non-case Video:	1356 days	🔍	
Number of Backup DVDs:	230	🔍	
Number of Exported DVDs:	125	🔍	
Archiver Errored Out:	false	🔍	
Downloader Errored Out:	false	🔍	
Simultaneous Users Allowed:	unlimited	🔍	
Backup Scheme:	some_cmt	🔍	
Untagging Allowed:	true	🔍	
Last Update Check:	02/06/2019 03:30	🔍	
Version:	4.0.10	🔍	

- 2 Click the **Tools** tab.

(Continued)



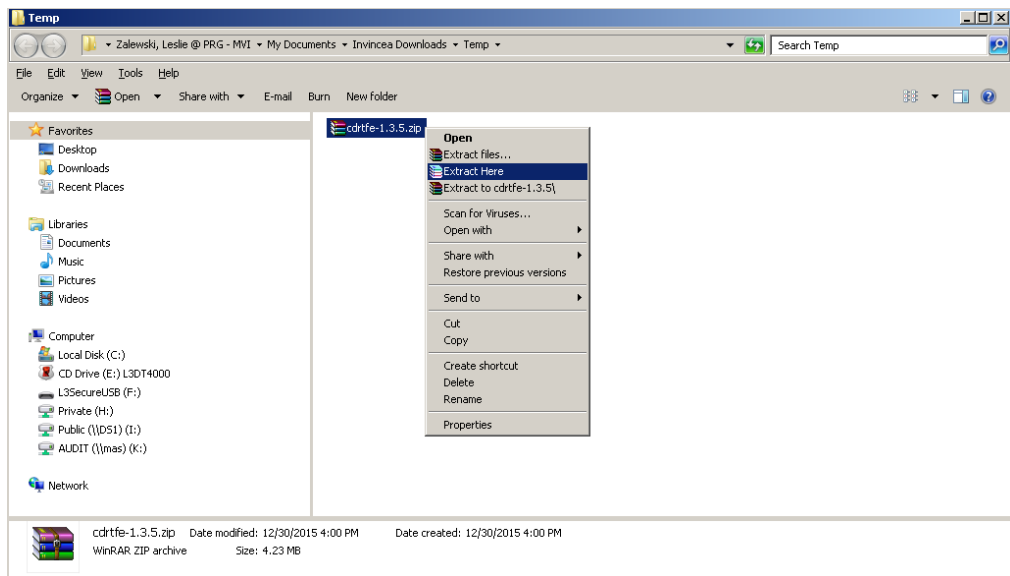
- 3 Click the **DVD Image Burner (ISO)** button. A Windows message displays.



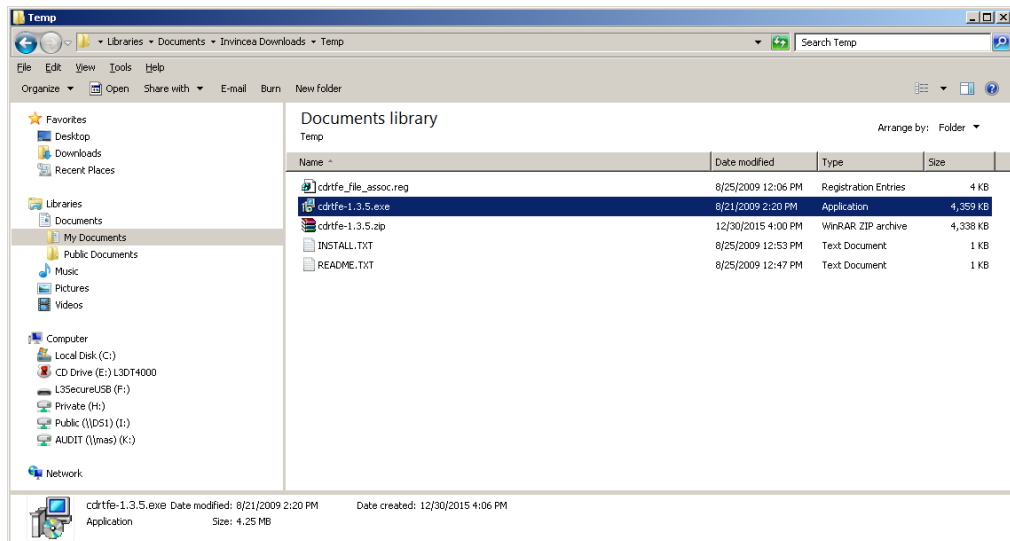
- 4 Select **Save As** from the *Save* drop-down list. The Save As window displays.
- 5 Navigate to the disk drive location where you wish to install this application, then click **Save** again. The system copies the application files to the selected directory.



- 6 Click **Open Folder**.
– OR –
Use Windows to navigate to the disk drive location where you just copied the application.
- 7 Right-click on the **cdrtfe-1.3.5** folder, then select **Extract All** from the popup menu.

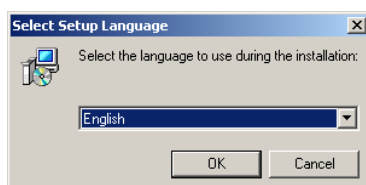


- 8 If prompted, press **Enter**. Otherwise proceed to the next step.
- 9 Double-click on the **cdrtfe-1.3.5.exe** file.

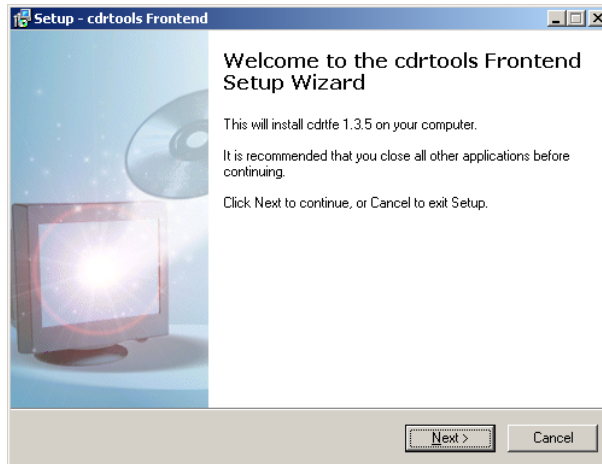


- 10 If you are prompted with a security warning, click **Run**. Otherwise proceed to the next step.

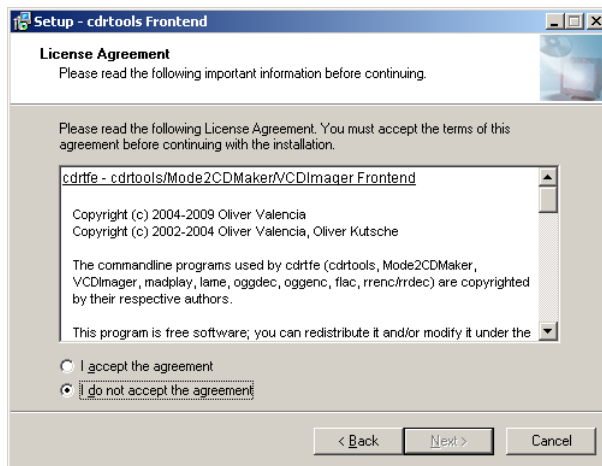
The Select Setup Language popup displays.



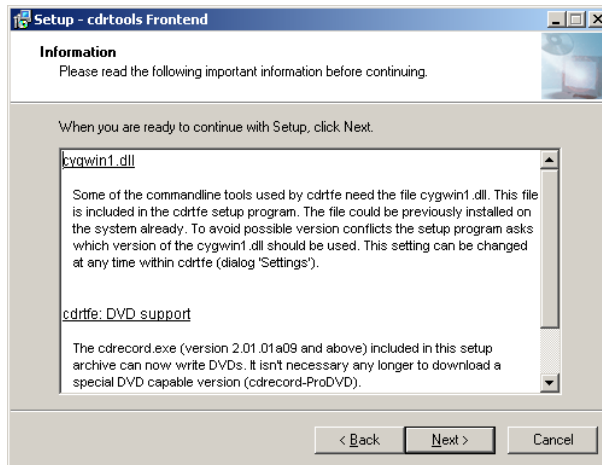
- 11 Click **OK**. The Setup cdrtools Frontend setup wizard displays.



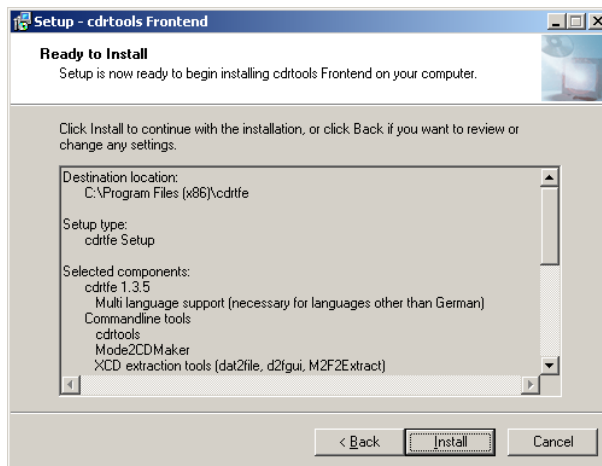
- 12 Click **Next**. A license agreement displays.



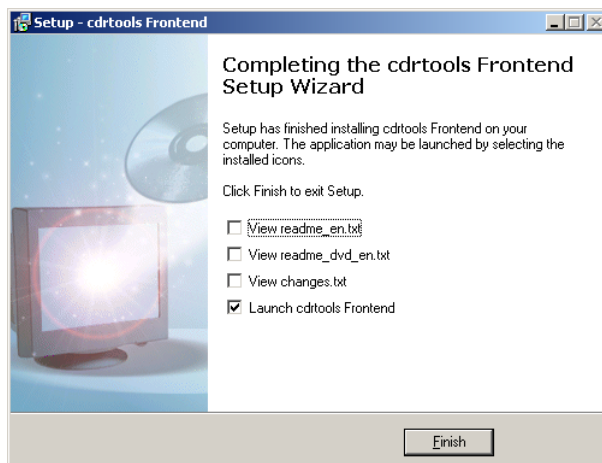
- 13 Review the on-screen license agreement. If you agree with the terms, click the “I accept...” radio button.
- 14 Click **Next**.



- 15 Continue to click the **Next** button in response to each of the system prompts until the “Ready to Install” message displays.



- 16 Click **Install**. The system begins installing the disc burner software. When the installation is complete, a confirmation message displays.

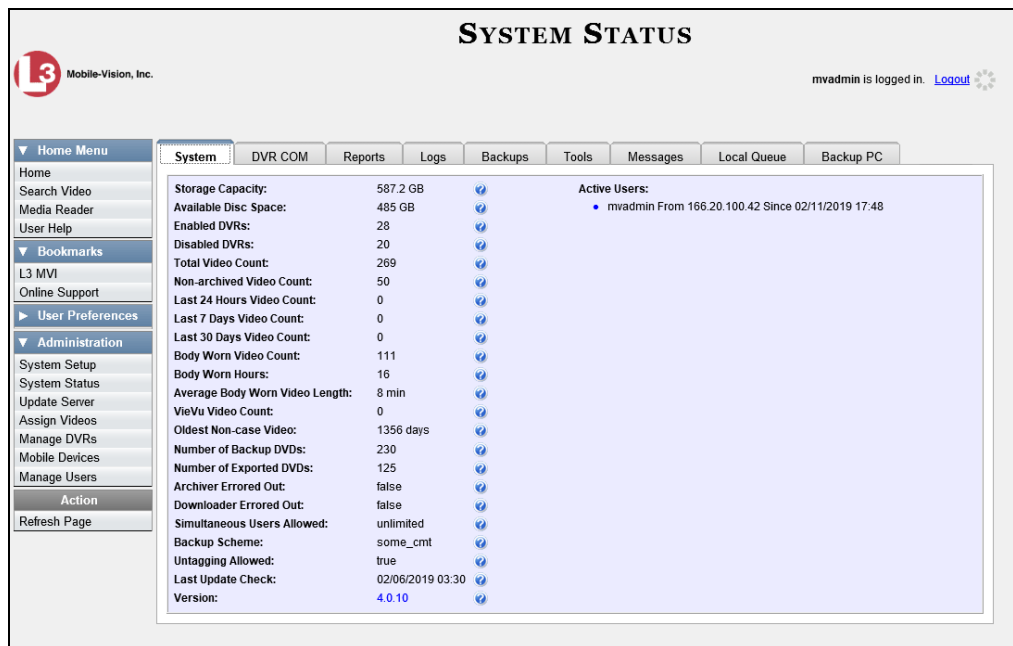


- 17 Click **Finish**. The cdrtools Application screen displays.

Validating that a Disc is Unaltered

This section describes how to use the Disc Validator utility to verify that an evidence DVD has not been altered in any way.

- 1 Place the DVD you wish to validate in your PC's DVD tray.
- 2 Go to **Administration** and click **System Status**. The System Status page displays.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

User Preferences

Administration

- System Setup
- System Status
- Update Server
- Assign Videos
- Manage DVRs
- Mobile Devices
- Manage Users

Action

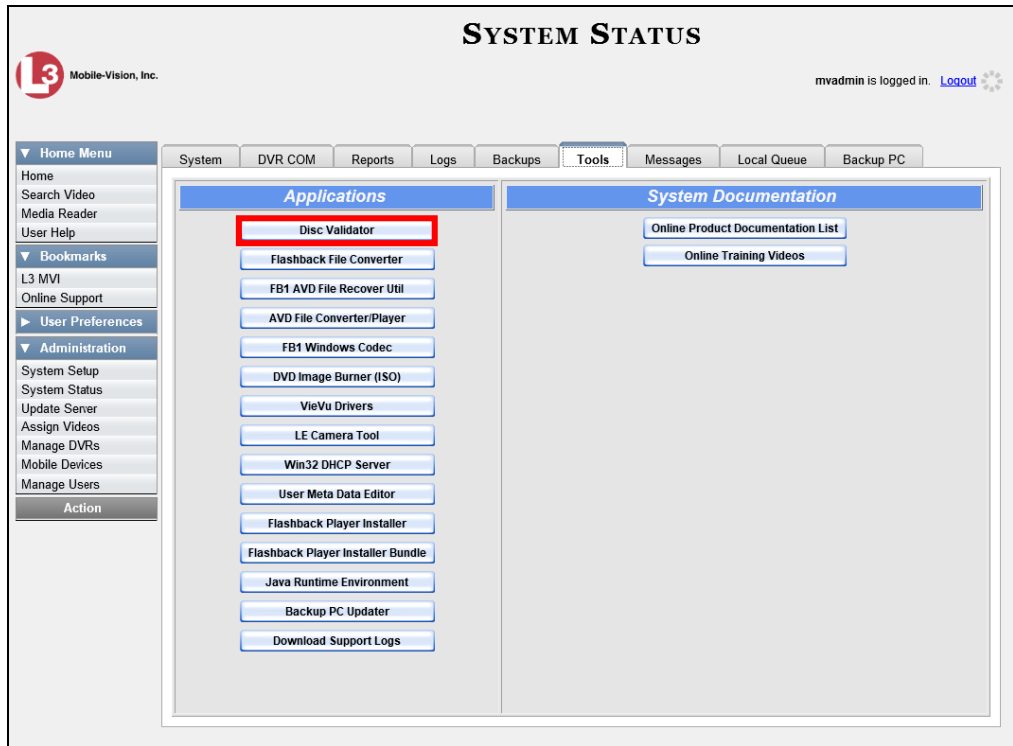
- Refresh Page

Active Users:

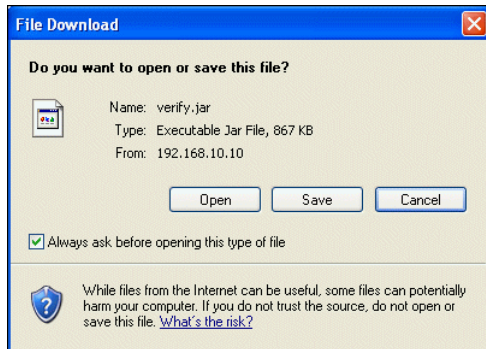
- mvadmin From 166.20.100.42 Since 02/11/2019 17:48

Storage Capacity:	587.2 GB	🔍
Available Disc Space:	485 GB	🔍
Enabled DVRs:	28	🔍
Disabled DVRs:	20	🔍
Total Video Count:	269	🔍
Non-archived Video Count:	50	🔍
Last 24 Hours Video Count:	0	🔍
Last 7 Days Video Count:	0	🔍
Last 30 Days Video Count:	0	🔍
Body Worn Video Count:	111	🔍
Body Worn Hours:	16	🔍
Average Body Worn Video Length:	8 min	🔍
VieVu Video Count:	0	🔍
Oldest Non-case Video:	1356 days	🔍
Number of Backup DVDs:	230	🔍
Number of Exported DVDs:	125	🔍
Archiver Errored Out:	false	🔍
Downloader Errored Out:	false	🔍
Simultaneous Users Allowed:	unlimited	🔍
Backup Scheme:	some_cmt	🔍
Untagging Allowed:	true	🔍
Last Update Check:	02/06/2019 03:30	🔍
Version:	4.0.10	🔍

- 3 Click the **Tools** tab. A list of downloadable applications displays.

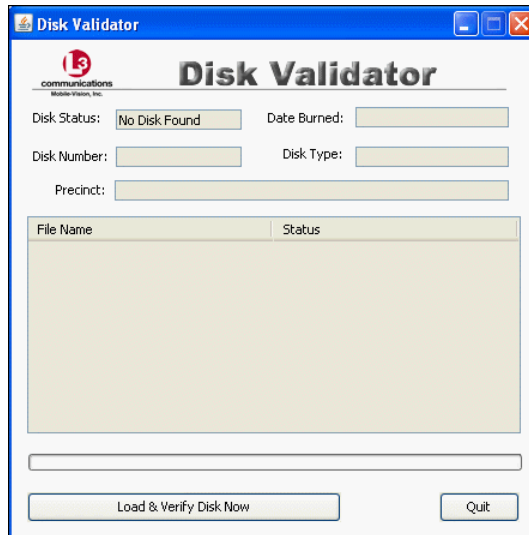


- 4 Click the **Disk Validator** button. A Windows message displays.



- 5 Click **Open**. The Disk Validator screen displays.

(Continued)



- 6 Click the **Load & Verify Disk Now** button. The Validator begins checking the DVD for signs of tampering. This may take several minutes, depending on the size of the disc.
 - ⇒ If the validator determines that the DVD has been altered, you will be prompted with a warning message. Proceed to the next step.
 - ⇒ If the validator determines that the DVD has *not* been altered, the Disk IS Valid popup will display.



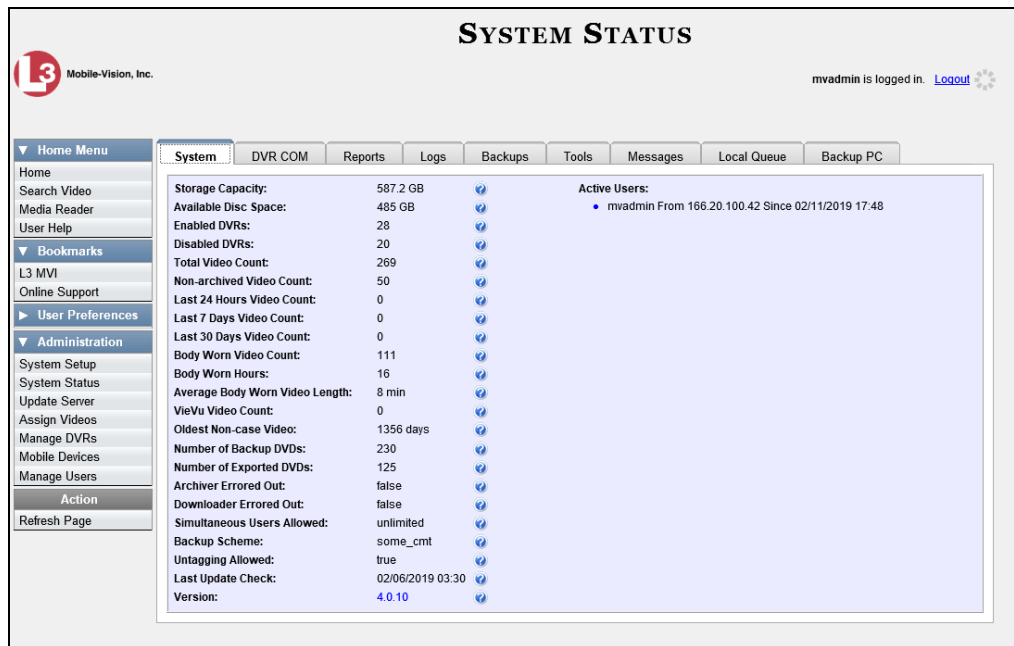
- 7 Click **OK** to close the popup.
- 8 Click **Quit** to close the Validator application.

If you determine that a disc has been altered, throw it away and burn a new one. You may also wish to evaluate your agency's policies/procedures for burning and storing evidence DVDs.

Viewing the DVD Burn Queue

After a user submits a request to burn selected video files to DVD, the system sends that burn request or “job” to the local burn queue. This section describes how to view the pending burn jobs in that queue.

- 1 Go to **Administration** and click **System Status**. The System Status page displays.



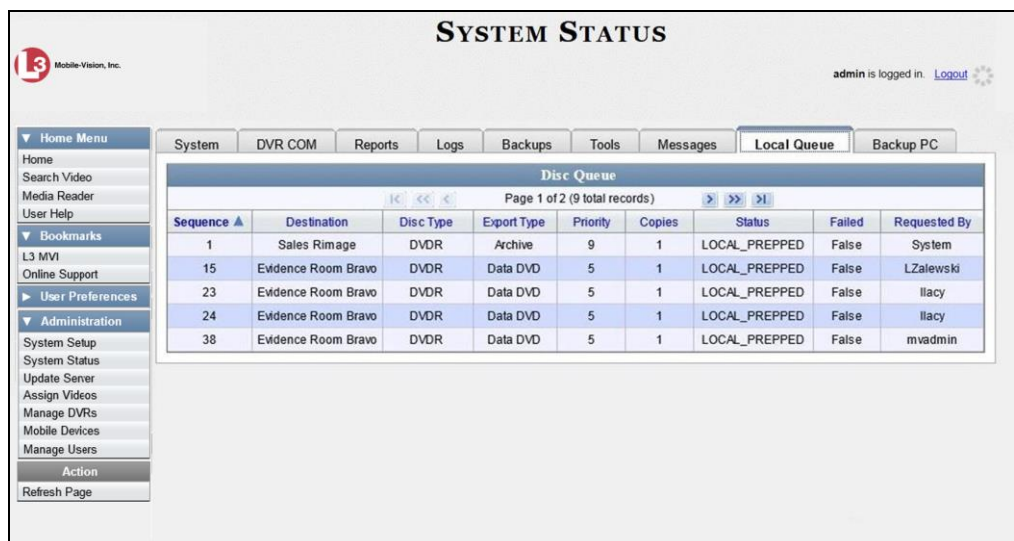
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Navigation: [System](#) | [DVR COM](#) | [Reports](#) | [Logs](#) | [Backups](#) | [Tools](#) | [Messages](#) | [Local Queue](#) | [Backup PC](#)

Storage Capacity:	587.2 GB	✓	Active Users:
Available Disc Space:	485 GB	✓	
Enabled DVRs:	28	✓	
Disabled DVRs:	20	✓	
Total Video Count:	269	✓	
Non-archived Video Count:	50	✓	
Last 24 Hours Video Count:	0	✓	
Last 7 Days Video Count:	0	✓	
Last 30 Days Video Count:	0	✓	
Body Worn Video Count:	111	✓	
Body Worn Hours:	16	✓	
Average Body Worn Video Length:	8 min	✓	
VieVu Video Count:	0	✓	
Oldest Non-case Video:	1356 days	✓	
Number of Backup DVDs:	230	✓	
Number of Exported DVDs:	125	✓	
Archiver Errored Out:	false	✓	
Downloader Errored Out:	false	✓	
Simultaneous Users Allowed:	unlimited	✓	
Backup Scheme:	some_cmt	✓	
Untagging Allowed:	true	✓	
Last Update Check:	02/06/2019 03:30	✓	
Version:	4.0.10	✓	

- 2 Click the **Local Queue** tab. A list of all system-requested and user-requested burn jobs displays.



SYSTEM STATUS

Mobile-Vision, Inc. admin is logged in. [Logout](#)

Navigation: [System](#) | [DVR COM](#) | [Reports](#) | [Logs](#) | [Backups](#) | [Tools](#) | [Messages](#) | **[Local Queue](#)** | [Backup PC](#)

Disc Queue

Page 1 of 2 (9 total records)

Sequence ▲	Destination	Disc Type	Export Type	Priority	Copies	Status	Failed	Requested By
1	Sales Rimage	DVDR	Archive	9	1	LOCAL_PREPPED	False	System
15	Evidence Room Bravo	DVDR	Data DVD	5	1	LOCAL_PREPPED	False	LZalewski
23	Evidence Room Bravo	DVDR	Data DVD	5	1	LOCAL_PREPPED	False	Ilacy
24	Evidence Room Bravo	DVDR	Data DVD	5	1	LOCAL_PREPPED	False	Ilacy
38	Evidence Room Bravo	DVDR	Data DVD	5	1	LOCAL_PREPPED	False	mvadmin

The columns on the **Local Queue** tab are described below.

Disk Queue	
Column	Description
Sequence	A system-assigned sequential number for the burn job. For example, if the value of this field is 89 , it means that this is the eighty-ninth burn job that has been sent to the Burn Queue from this server PC.
Destination	The name of the Backup PC workstation to which this burn job is directed.
Disc Type	The type of disc that will be used to create this backup: DVDR.....DVD single layer disc DVDRDL.....DVD dual layer disc BD.....Blu-ray single layer disc* BDDLBlu-ray dual layer disc*
Export Type	The file format for this disc: <i>Archive (CBD), Data DVD, Consumer DVD, Interchange Format, Decompressed</i> (a.k.a. <i>Uncompressed</i>) <i>Format</i> , or <i>FOIA Redacted Format</i> . For a detailed description of these file formats, see “Available File Formats for User-Requested DVDs” on page 206.
Priority	A number between 1 and 9 that represents the system-assigned priority code for this burn job. By default, the system assigns a code of 5 or 9 to each burn job: 5 User-requested export—medium priority 9 System-requested archive—low priority. Most DVDs burn in the order in which they are submitted to the burn queue. However, in the event that the Backup PC processes an archive job <i>and</i> an export job at the same time, the export disc (code 5) will be burned first. The remaining priority codes (1-4 and 6-8) are used by your Technical Support Engineer to prioritize a backlog of DVD jobs in the event that your DVD burner is out of order for an extended period of time.
Copies	The total number of discs included in this burn job.
Status	The current status of this burn job. The status codes will differ slightly depending on the type of job that is being processed. Archive jobs: NEW. The system has begun processing (i.e., compiling) an archive job. LOCAL PREPPING. The system is waiting for enough video to come in to fill an archive disc.

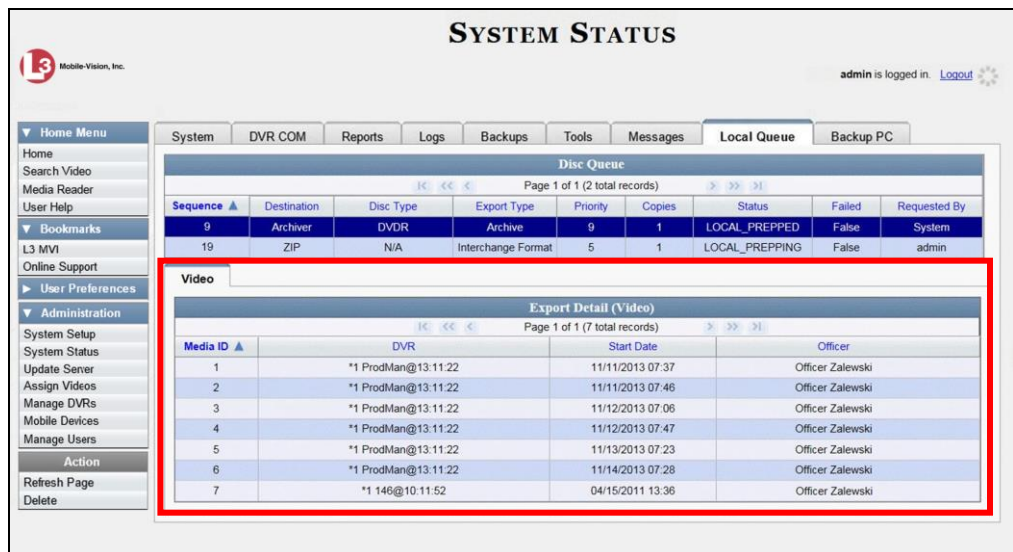
* You must have a Blu-Ray burner to use this type of disc

Disk Queue (cont'd)	
Column	Description
Status (cont'd)	<p>LOCAL PREPPED. Enough video has come in to fill an archive disc; the archive job is now waiting its turn to be transferred to the Backup PC.</p> <p>TRANSFERRING. The system is downloading the archive job from the server PC to the Backup PC.</p> <p>BUILDING. The Backup PC is merging the video files into one single burn job.</p> <p>BUILT. The Backup PC has finished building the burn job; the file is now waiting its turn to be burned.</p> <p>BURNING. The Backup PC has submitted the burn job to the robotic DVD burner. The archive disc is in the process of being burned.</p> <p>COMPLETE. The archive job is complete; you may retrieve the disc from your burner's output tray.</p> <p>Export jobs:</p> <p>LOCAL PREPPED. The system has prepared (i.e., compiled) the export job for transfer to the Backup PC, but the Backup PC is not ready to receive it due to a problem of some kind (e.g., Backup PC's queue is full, Backup PC's hard drive is full, Backup PC is offline, etc.).</p> <p>SUBMITTED. The system has processed (i.e., compiled) the export job on the server PC, then submitted a Job ID to the Backup PC. The Backup PC then performed several tasks in preparation for receipt of the archive job. (These preparatory tasks are sometimes referred to as <i>ticketing</i>.) The export job is now waiting its turn to be transferred to the Backup PC.</p> <p>TRANSFERRING. The system is in the process of downloading the export job to the Backup PC.</p> <p>TRANSCODING (applies to Consumer Exports, Interchange Exports, and/or Decompressed* Exports only). The Backup PC is converting video into Consumer DVD format, Interchange DVD format, or Decompressed* DVD format.</p> <p>BUILDING. The Backup PC is merging the video files into one single burn job.</p> <p>BUILT. The Backup PC has finished building the burn job; the file is now waiting its turn to be burned.</p> <p>BURNING. The Backup PC has submitted the burn job to the robotic DVD burner. The export disc is in the process of being burned.</p> <p>COMPLETE. The export job is complete; you may retrieve the disc from your burner's output tray.</p>

* Same as 'Uncompressed'

Disk Queue (cont'd)	
Column	Description
Failed	A True/False indicator that denotes whether or not the burn job failed: TRUE. An error occurred while processing this burn request. The DVD will <i>not</i> be burned. FALSE. No errors occurred while processing this burn request. The DVD will be burned in the appropriate order.
Requested By	The requestor of this burn job. If this is an <i>archive</i> DVD, the word System will display in this field. If this is a <i>user-requested</i> DVD, this field will display the User ID of the individual who submitted the burn request.

- To view more detailed information on a burn job, click once on the record you wish to view. The **Video** tab displays at the bottom of your page.



The screenshot shows the 'SYSTEM STATUS' interface with the 'Local Queue' tab selected. Below it, the 'Disc Queue' table is visible, showing two records. The second record (Sequence 19) is highlighted. Below the 'Disc Queue' table, the 'Video' tab is selected, showing the 'Export Detail (Video)' table with 7 records. The 'Video' tab and its content are highlighted with a red box.

Sequence	Destination	Disc Type	Export Type	Priority	Copies	Status	Failed	Requested By
9	Archiver	DVDR	Archive	9	1	LOCAL_PREPPED	False	System
19	ZIP	N/A	Interchange Format	5	1	LOCAL_PREPPING	False	admin

Media ID	DVR	Start Date	Officer
1	*1 ProdMan@13.11.22	11/11/2013 07:37	Officer Zalewski
2	*1 ProdMan@13.11.22	11/11/2013 07:46	Officer Zalewski
3	*1 ProdMan@13.11.22	11/12/2013 07:06	Officer Zalewski
4	*1 ProdMan@13.11.22	11/12/2013 07:47	Officer Zalewski
5	*1 ProdMan@13.11.22	11/13/2013 07:23	Officer Zalewski
6	*1 ProdMan@13.11.22	11/14/2013 07:28	Officer Zalewski
7	*1 146@10.11.52	04/15/2011 13:36	Officer Zalewski

The columns on the **Video** tab are described in the following table.

Video Tab	
Column	Description
Media ID	The unique identification number that the system assigned to this video. Also referred to as the <i>System ID</i> .
DVR	The name of the DVR unit that recorded this video. If the video was recorded by a VIEVU, the word VieVu will display in this column. If the video was recorded by a <i>BodyVISION</i> or <i>BWX-100</i> camera, the words Body Worn will display here.
Start Date	The date and time at which the DVR began recording this video. Displays in mm/dd/yyyy hh:mm format.
Officer	The name of the officer who was logged into the DVR when this video was recorded. If no one was logged into the DVR at the time of the recording, the system will assign a default Officer Name of *1 No name@[time at which this officer ID was created]

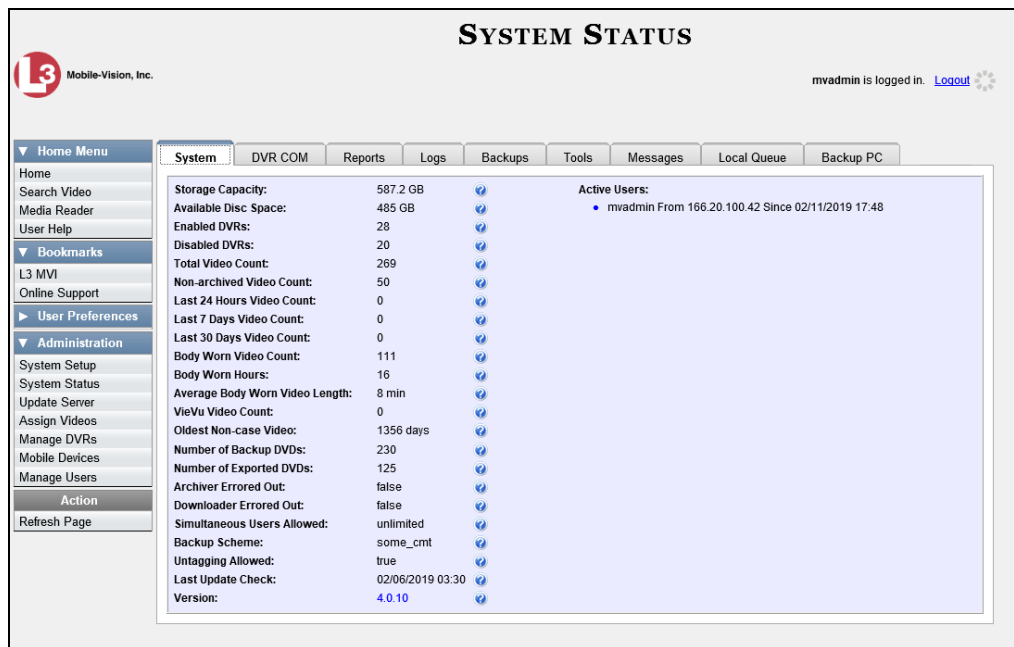
Deleting a DVD Burn Request

This section describes how to delete a burn request, or *burn job*, that is in the DVD Queue.

When you delete a system-requested *archive* job as opposed to a user-requested *export* job, the system will reassign that job's videos to the next archive disc. Also, that job's intended CBD number will be skipped. In other words, the system will *not* reassign the job's CBD number to the next sequential disc. Keep this in mind when you are searching for archive discs in the future. If there appears to be a disc number missing, it doesn't necessary mean that a disc is lost. Rather, it's likely that someone deleted an archive burn job at one point.

- 1 Go to  and click **System Status**. The System Status page displays.

(Continued)



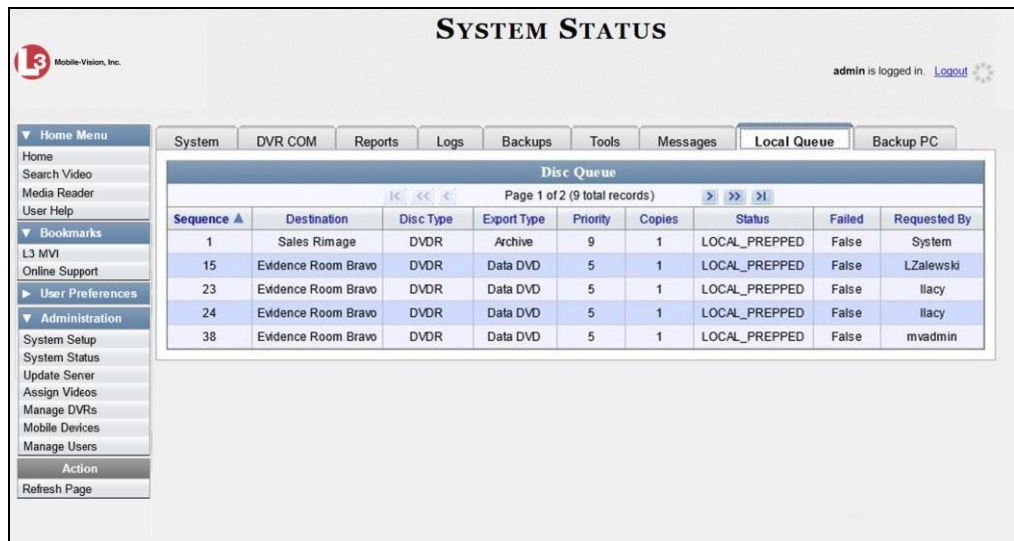
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB		Active Users:
Available Disc Space:	485 GB		• mvadmin From 166.20.100.42 Since 02/11/2019 17:48
Enabled DVRs:	28		
Disabled DVRs:	20		
Total Video Count:	269		
Non-archived Video Count:	50		
Last 24 Hours Video Count:	0		
Last 7 Days Video Count:	0		
Last 30 Days Video Count:	0		
Body Worn Video Count:	111		
Body Worn Hours:	16		
Average Body Worn Video Length:	8 min		
VieVu Video Count:	0		
Oldest Non-case Video:	1356 days		
Number of Backup DVDs:	230		
Number of Exported DVDs:	125		
Archiver Errored Out:	false		
Downloader Errored Out:	false		
Simultaneous Users Allowed:	unlimited		
Backup Scheme:	some_cmt		
Untagging Allowed:	true		
Last Update Check:	02/06/2019 03:30		
Version:	4.0.10		

2 Click the **Local Queue** tab. A list of all pending burn jobs displays.



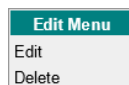
SYSTEM STATUS

Mobile-Vision, Inc. admin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | **Local Queue** | Backup PC

Disc Queue								
Page 1 of 2 (9 total records)								
Sequence ▲	Destination	Disc Type	Export Type	Priority	Copies	Status	Failed	Requested By
1	Sales Rimage	DVDR	Archive	9	1	LOCAL_PREPPED	False	System
15	Evidence Room Bravo	DVDR	Data DVD	5	1	LOCAL_PREPPED	False	LZalewski
23	Evidence Room Bravo	DVDR	Data DVD	5	1	LOCAL_PREPPED	False	Ilacy
24	Evidence Room Bravo	DVDR	Data DVD	5	1	LOCAL_PREPPED	False	Ilacy
38	Evidence Room Bravo	DVDR	Data DVD	5	1	LOCAL_PREPPED	False	mvadmin

3 Right-click on the burn job you wish to delete. The Edit Menu displays.



Edit Menu

- Edit
- Delete

4 Select **Delete**. A confirmation message displays.



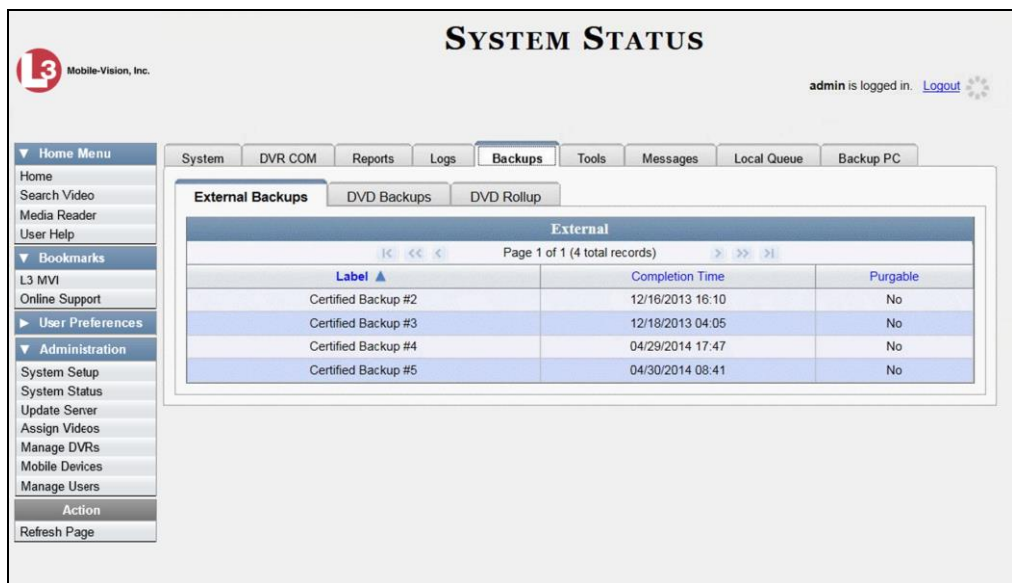
- 5 Click **Yes**. The selected job is removed from the Local Queue.

Generating the Video Deletion Roll-Up Report

This section describes how to view, save, and/or print the Video Deletion Roll-Up Report. This report lists information on all archived videos and *BodyVISION* snapshots that the system has deleted from the server PC in the prior month.

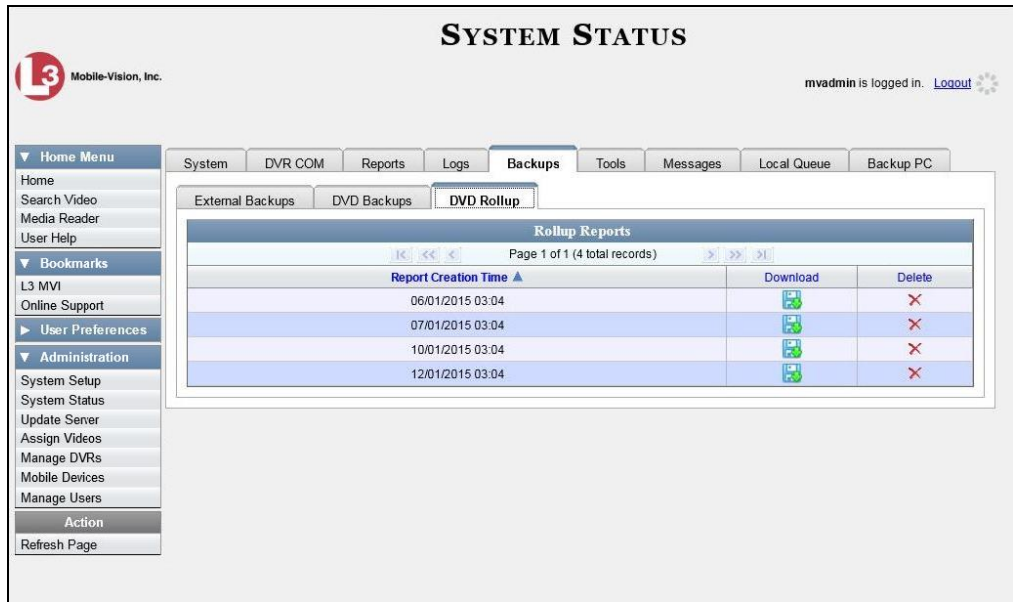
This report will help you determine which archive DVDs you can safely dispose of, as the system only deletes those videos and snapshots that are too old to be restored (i.e., files that have “aged out”).

- 1 Go to **Administration** and click **System Status**. The System Status page displays, as pictured on the previous page.
- 2 Click the **Backups** tab.



- 3 Click the **DVD Rollup** tab. A list of reports displays.

(Continued)











SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | **Backups** | Tools | Messages | Local Queue | Backup PC

External Backups | DVD Backups | **DVD Rollup**

Rollup Reports		
Report Creation Time	Download	Delete
06/01/2015 03:04		
07/01/2015 03:04		
10/01/2015 03:04		
12/01/2015 03:04		

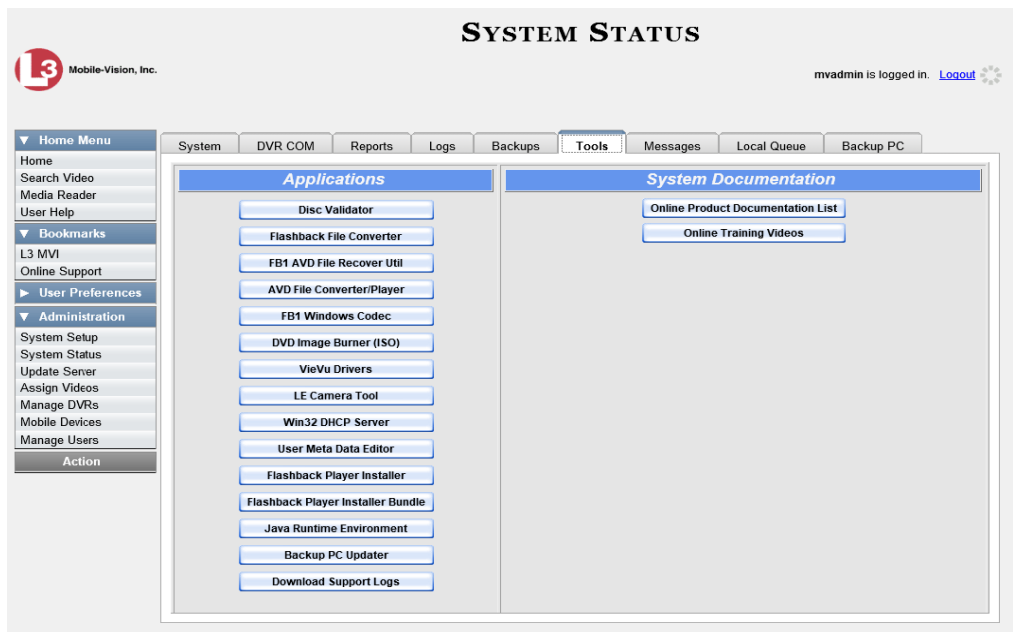
Each report is identified by a first-of-the-month date, which lists all media that has aged-out in the previous month. For example, the 06/01/2015 report will include all videos and *BodyVISION* snapshots that have aged-out in May 2015.



- Locate the date for which you wish to view a report, then click on the appropriate download icon. A Windows message displays.



- Click **Open**. The report displays in Adobe Acrobat.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | **Tools** | Messages | Local Queue | Backup PC

Applications	System Documentation
Disc Validator	Online Product Documentation List
Flashback File Converter	Online Training Videos
FB1 AVD File Recover Util	
AVD File Converter/Player	
FB1 Windows Codec	
DVD Image Burner (ISO)	
VieVu Drivers	
LE Camera Tool	
Win32 DHCP Server	
User Meta Data Editor	
Flashback Player Installer	
Flashback Player Installer Bundle	
Java Runtime Environment	
Backup PC Updater	
Download Support Logs	

The columns on the Video Deletion Rollup report are described below.

Video Deletion Rollup Report	
Column	Description
Start Date	The date and time at which this video began recording. Displays in mm/dd/yyyy hh:mm format.
Officer Name	The name of the officer who was logged into the DVR unit at the time the recording was made.
Unit Name	The name of the DVR that recorded this video.
DVD Label	The number of the archive disc to which this video file was copied.
Media File Name	The name of the media file that was deleted. The file's extension can help you identify what type of media it is: avd.....Flashback1 or VIEVU video qbxFlashback2, Flashback3, or FlashbackHD video mkvBodyVISION video mp4BWX-100 video jpgBodyVISION or BWX-100 snapshot



6 If you wish to print this report, click the printer icon. The Print popup displays.

– OR –

If you do *not* wish to print this report, skip to step 8.

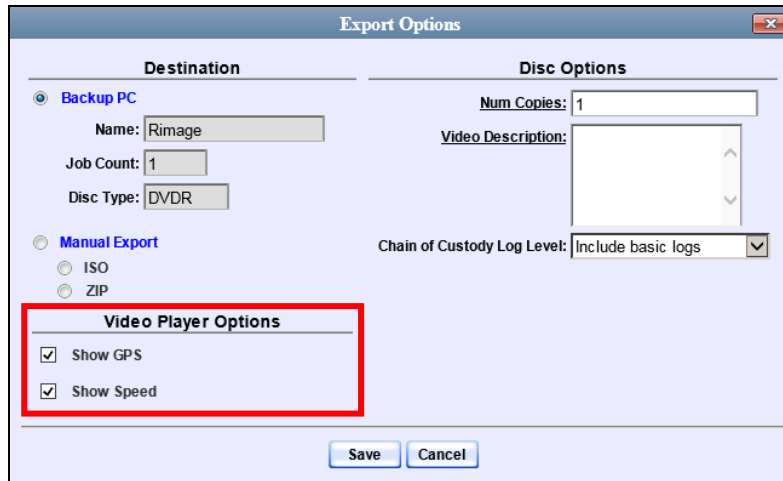
7 Select your printer options, then click **OK**. The report is directed to your active printer.

8 When you are finished viewing/printing this report, click the in the upper right corner of the report to exit this option.

Changing the Default Values for the 'Show GPS' & 'Show Speed' Checkboxes

When you export a video or case file in Data DVD or Uncompressed format, you will see two checkboxes in the lower left corner: *Show GPS* and *Show Speed*. By default, these checkboxes are *selected*. However, if desired, you can change this default value to *deselected*, as described in this section.

Factory default:
Checkboxes selected

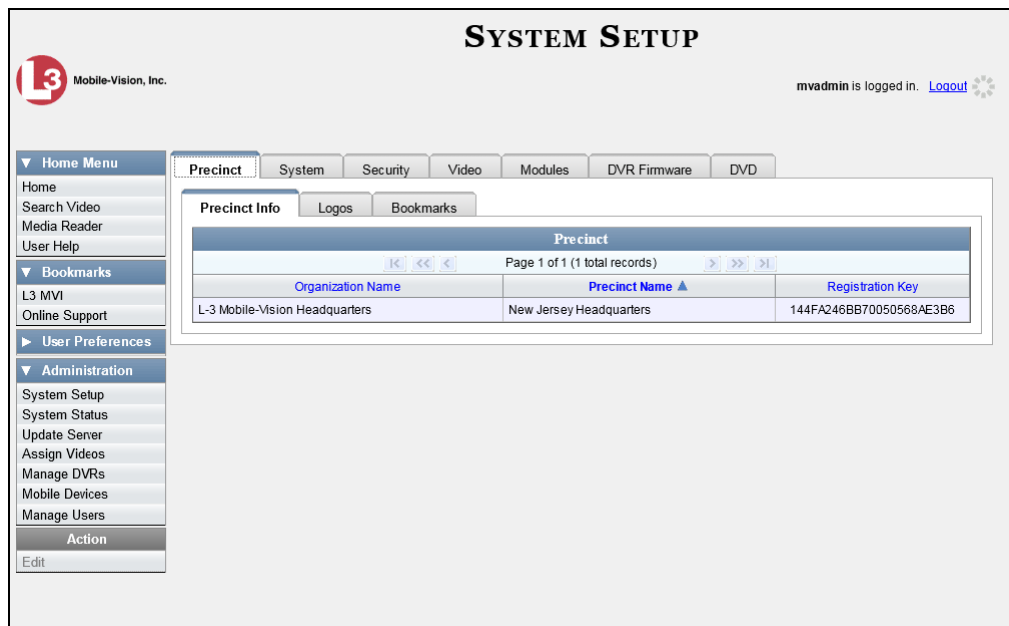


The screenshot shows the 'Export Options' dialog box with the following sections:

- Destination:** Backup PC (selected), Name: Rimage, Job Count: 1, Disc Type: DVDR.
- Disc Options:** Num Copies: 1, Video Description: (empty text area), Chain of Custody Log Level: Include basic logs.
- Manual Export:** ISO, ZIP.
- Video Player Options (highlighted in red):** Show GPS (checked), Show Speed (checked).

Buttons: Save, Cancel.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.

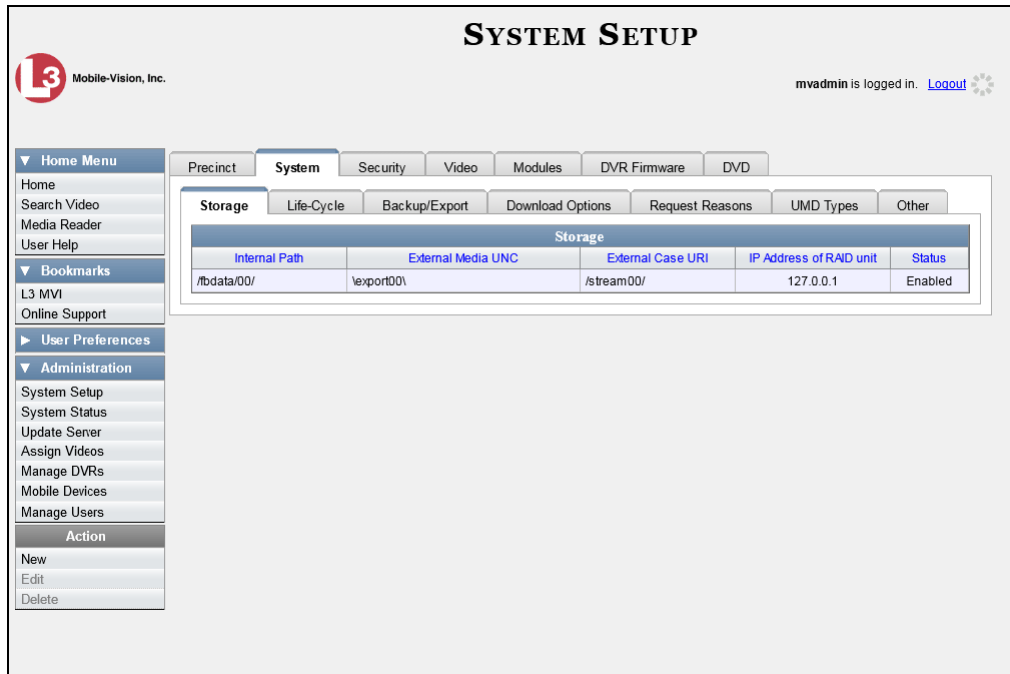


The screenshot shows the 'SYSTEM SETUP' page with the following elements:

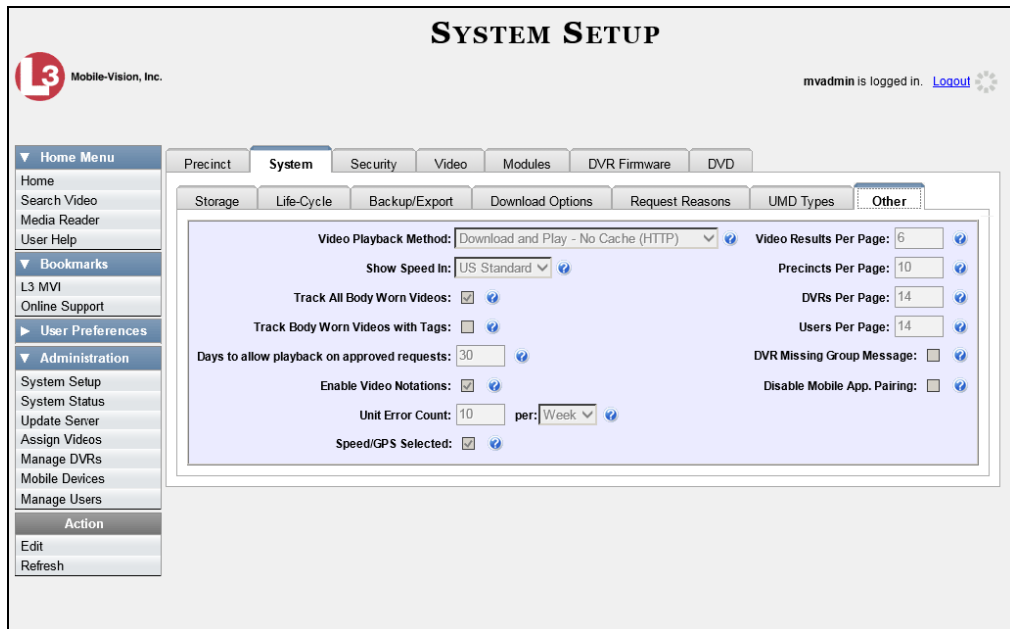
- Header: L3 Mobile-Vision, Inc. (logo), mvadmin is logged in. Logout
- Navigation: Home Menu, Bookmarks, User Preferences, Administration (selected), Action.
- System Setup: Precinct, System (selected), Security, Video, Modules, DVR Firmware, DVD.
- Precinct Info Table:

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.

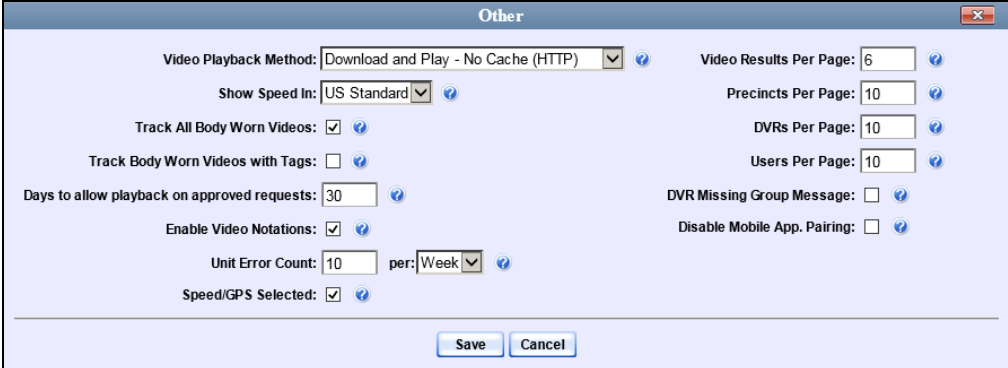


3 Click the **Other** tab.



4 Go to the **Action** column and click **Edit**. The Other popup displays.

(Continued)



The screenshot shows a dialog box titled "Other" with the following settings:

- Video Playback Method: Download and Play - No Cache (HTTP)
- Video Results Per Page: 6
- Show Speed In: US Standard
- Precincts Per Page: 10
- Track All Body Worn Videos:
- DVRs Per Page: 10
- Track Body Worn Videos with Tags:
- Users Per Page: 10
- Days to allow playback on approved requests: 30
- DVR Missing Group Message:
- Enable Video Notations:
- Disable Mobile App. Pairing:
- Unit Error Count: 10 per: Week
- Speed/GPS Selected:

Buttons: Save, Cancel

- 5 Deselect the *Speed/GPS Selected* checkbox.
- 6 Click **Save**.

4 DVRs

This chapter describes the various procedures used to update and maintain your Flashback and Body Worn DVRs.

For more information, see:

- DVR Units, below
- Viewing the DVRs' Status List, page 314
- Turning the DVR Error Notification Feature On/Off, page 315
- Troubleshooting DVR Errors, page 318
- Viewing the DVR Downloader Log, page 324
- Disabling/Enabling Your DVRs, page 325
- DVR Firmware, page 328
- Generating a DVR Login Key for an Officer, page 336
- Exporting DVR Activity to a Spreadsheet, page 338.

DVR Units

Each of your Flashback and Body Worn DVRs has a corresponding record entered in DEV. These records store all the information required for successful communication between your DVRs and the server PC.

At system start-up, your Mobile-Vision representative will assist you in getting your DVRs properly configured in DEV. After that, you will only have to make occasional changes to these records as needed. For example, when you add a new Flashback DVR to your fleet, you may need to enter a new DVR record in DEV.

Procedures that do not reference a particular DVR type apply to both Flashback and Body Worn DVRs.

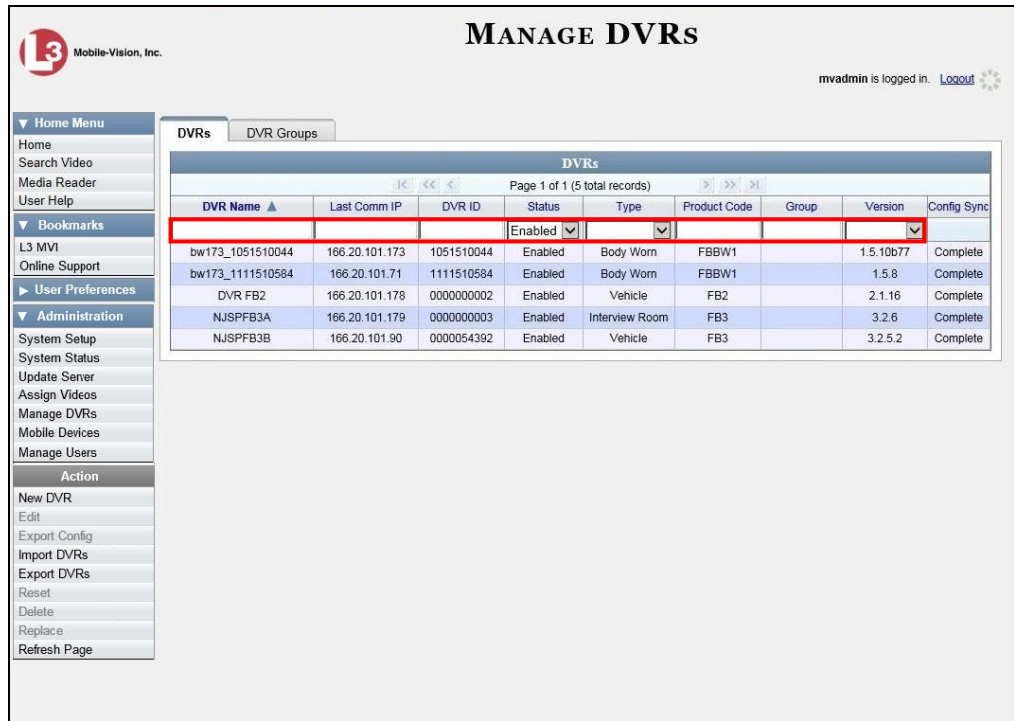
For specific instructions, see:

- Searching for a DVR, next page
- Adding Flashback DVRs, page 276
- Changing a Flashback DVR, page 282
- Replacing a Flashback DVR, page 284
- Deleting a DVR, page 285
- BodyVISION* DVRs, page 286
- BWX-100 DVRs, page 294
- Selecting the Download Options for a Body Worn DVR, page 303
- Viewing the Mobile Devices Page for a Body Worn DVR, page 305
- Replacing a Body Worn DVR, page 308
- Resolving Naming Conflicts, page 310.

Searching for a DVR

This section describes how to search for an existing DVR record by one or more of the following fields: *DVR Name*, *Last Comm IP*, *DVR ID*, *Status*, *Product Code*, *Type*, and/or *Version*.

- 1 Go to **Administration** and click **Manage DVRs**. The Manage DVRs page displays.



MANAGE DVRs

mvadmin is logged in. [Logout](#)

DVRs | DVR Groups

Page 1 of 1 (5 total records)

DVR Name ▲	Last Comm IP	DVR ID	Status	Type	Product Code	Group	Version	Config Sync
			Enabled					
bw173_1051510044	166.20.101.173	1051510044	Enabled	Body Worn	FBBW1		1.5.10b77	Complete
bw173_1111510584	166.20.101.71	1111510584	Enabled	Body Worn	FBBW1		1.5.8	Complete
DVR FB2	166.20.101.178	0000000002	Enabled	Vehicle	FB2		2.1.16	Complete
NJSPFB3A	166.20.101.179	0000000003	Enabled	Interview Room	FB3		3.2.6	Complete
NJSPFB3B	166.20.101.90	0000054392	Enabled	Vehicle	FB3		3.2.5.2	Complete

- 2 Enter/select the field values you wish to search on, as described below.

DVR Search Fields	
Search Field	Description
DVR Name	Limits your search to the DVR unit that has this name.
Last Comm IP	Limits your search to the DVR unit that last used this IP address.
DVR ID	Limits your search to the DVR unit that has this internal DVR software serial number. Note: If you are searching for a Flashback DVR, this is the <i>software</i> serial number, <i>not</i> the hardware serial number found on the outside of the DVR unit.
Status	Limits your search to those DVR units that have a status of either Enabled or Disabled . <i>Select the appropriate status from the drop-down list.</i>

DVR Search Fields (cont'd)	
Search Field	Description
Type	Limits your search to those videos that were captured by one of these DVR types: <ul style="list-style-type: none"> ▪ <i>Vehicle</i>. A Flashback DVR that is installed inside a vehicle, such as a police cruiser. ▪ <i>Interview Room</i>. A Flashback DVR that is installed inside an interview room. This type of DVR is used in conjunction with the optional <i>Interview Room</i> module. ▪ <i>Body Worn</i>. A <i>BodyVISION</i> or <i>BWX-100</i> Body Worn camera. ▪ <i>VieVu</i>. A <i>VIEVU</i> Body Worn camera.
Product Code	Limits your search to those DVR units that have this Product Code (enter one): <p>FB1Flashback1 FB2Flashback2 FB3Flashback3 FBHDFlashbackHD FBBW1.....<i>BodyVISION</i> BWX-100<i>BWX-100</i></p>
Version	Limits your search to those DVR units that have this firmware version. <i>Select the appropriate version number from the drop-down list.</i>

After you enter a search value, the system will automatically display those records that match your search criteria.

The *Config Sync* field displays the DVR's configuration synchronicity for Flashback and Body Worn devices, as described below.

- Pending.** The system is in the process of synchronizing the *server's* DVR configuration with the actual *device's* DVR configuration. In other words, the server and DVR are not yet synchronized.
- Complete.** All previous changes to the server's DVR configuration have already been copied to the actual DVR. The server and DVR are fully synchronized.

Adding Flashback DVRs

There are two methods for adding Flashback DVR records to DEV:

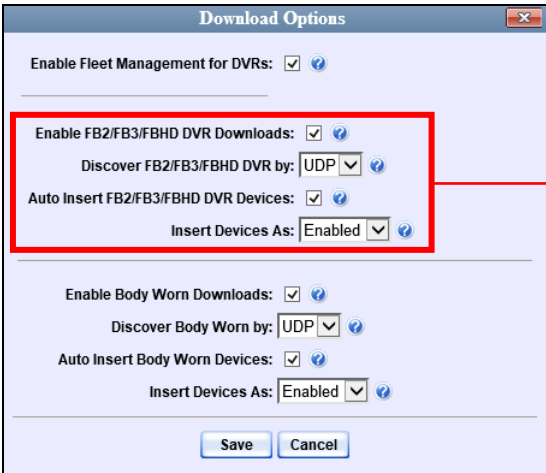
- Manually enter records one at a time, as described in “Manually Adding a Single Flashback DVR,” below.
- Add multiple records “en mass” by importing the DVR information from a spreadsheet, as described in “Importing Multiple Flashback DVRs from a Spreadsheet” on page 279.

Manually Adding a Single Flashback DVR

This section describes how to enter a new Flashback DVR record. Perform this procedure whenever you add a new DVR to your fleet.

Depending on your agency’s selected download options, you may or may not need to perform this procedure:

- If your agency is using the default “ping” method of DVR discovery, perform this procedure whenever you add a new DVR to your fleet.
- If your agency is using the *UDP broadcast* discovery method and the applicable “Auto Insert FB2/FB3/FBHD Device” checkbox on the **Download Options** tab is *not* selected, perform this procedure whenever you add a new DVR to your fleet.
- If your agency is using the *UDP broadcast* discovery method and the applicable “Auto Insert FB2/FB3/FBHD Device” checkbox on the **Download Options** tab is selected (see illustration below), you don’t need to perform this procedure, as the system will automatically create a DVR record for each new DVR that it discovers on the network.

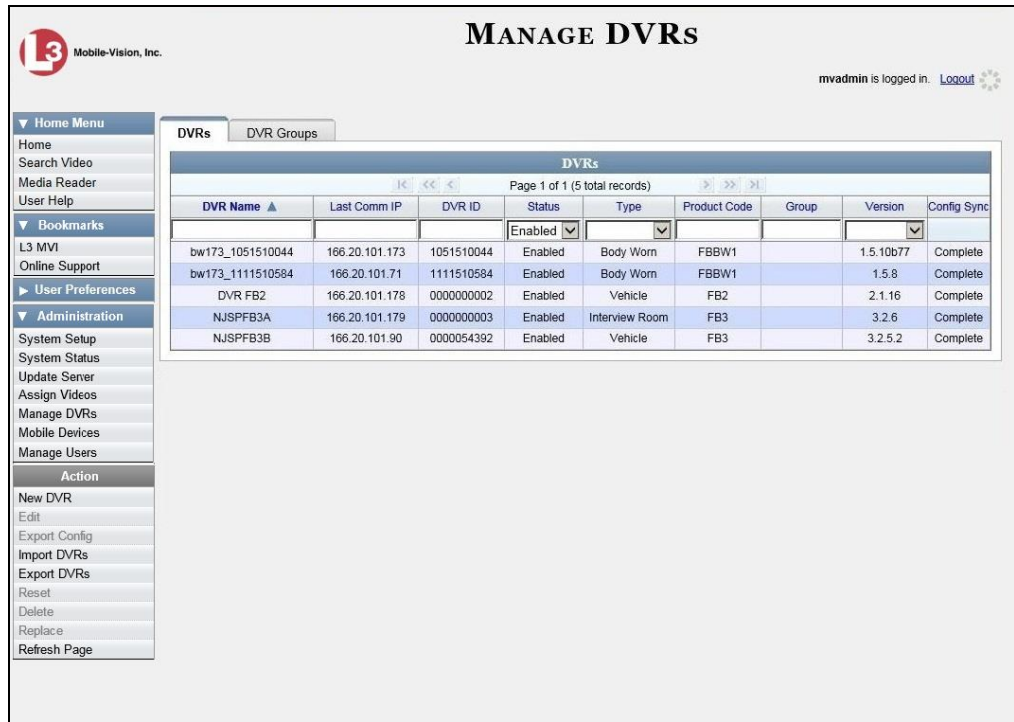


If these options are selected, the system will automatically insert new Flashback DVR records



NOTE: If you need to add a large number of DVR records at one time, you may prefer to import that data from a spreadsheet to save time. For more information, see “Importing Multiple DVRs from a Spreadsheet” on page 279.

- 1 Go to **Administration** and click **Manage DVRs**. The Manage DVRs page displays.



MANAGE DVRs

mvadmin is logged in. [Logout](#)

DVR Name	Last Comm IP	DVR ID	Status	Type	Product Code	Group	Version	Config Sync
bw173_1051510044	166.20.101.173	1051510044	Enabled	Body Worn	FBBW1		1.5.10b77	Complete
bw173_1111510584	166.20.101.71	1111510584	Enabled	Body Worn	FBBW1		1.5.8	Complete
DVR FB2	166.20.101.178	0000000002	Enabled	Vehicle	FB2		2.1.16	Complete
NJSPFB3A	166.20.101.179	0000000003	Enabled	Interview Room	FB3		3.2.6	Complete
NJSPFB3B	166.20.101.90	0000054392	Enabled	Vehicle	FB3		3.2.5.2	Complete

- 2 Go to the **Action** column and click **New DVR**. The New DVR form displays.



New DVR

DVR Name:

DVR Officer Name:

IP Address:

Download Priority: Low

Status: Enabled

DVR Type: Vehicle

The fields on this form are described in the table on the next page.

(Continued)

DVR Form	
Field	Description
DVR Name	A unique name for the DVR. You may, for example, want to give the DVR the same name as the patrol car in which it is installed (e.g., Unit 146).
Officer Name (for agencies that are <i>not</i> using USB Login Keys)	The default officer who will be associated with this DVR's video recordings. This value must match the value in the <i>Officer Name</i> field on the officer's user record. If your agency is using USB login keys, leave this field blank.
IP Address	The DVR's IP address. This number identifies the DVR to the server PC.
Download Priority	The download priority for the DVR's video transmissions: <i>low</i> , <i>medium</i> , or <i>high</i> . The system uses this setting to determine the order in which videos will be transmitted to the server PC in the event that multiple patrol cars come into transmission range at the same time. DVRs with a high Download Priority will transmit <i>first</i> ; DVRs with a med Download Priority will transmit <i>second</i> ; and DVRs with a low Download Priority will transmit <i>last</i> . System default is Low . <i>Select this value from the drop-down list.</i>
Status	A system setting that determines whether or not <i>automatic</i> video transmissions are allowed for this DVR: <ul style="list-style-type: none"> ▪ <i>Enabled</i>. The system is allowed to automatically download video off of this DVR ▪ <i>Disabled</i>. The system is <i>not</i> allowed to automatically download video off of this DVR. However, Flashback users can still download video <i>manually</i>. System defaults to Enabled . <i>Select this value from the drop-down list.</i>
DVR Type	The type of DVR this is: <ul style="list-style-type: none"> ▪ <i>Vehicle</i>. A Flashback DVR that is installed inside a vehicle, such as a police cruiser. ▪ <i>Interview Room</i>. A Flashback DVR that is installed inside an interview room. This type of DVR is used in conjunction with the Interview Room module. ▪ <i>Body Worn</i>. A <i>BodyVISION</i> or BWX-100 Body Worn camera. Select a value from the drop-down list.

- 3 Enter a unique name for this DVR in the *DVR Name* field. For example, you may wish to give the DVR the same name as the patrol car in which it will be installed (e.g., Unit 146).

- 4 If your agency is using USB Login Keys, proceed to the next step.
– OR –
If your agency is *not* using USB Login Keys, enter a default officer name in the *Officer Name* field. Make sure this name is *exactly the same* as the value in the *Officer Name* field found on the officer’s user record.
- 5 Enter this DVR’s IP address in the *IP Address* field.
- 6 If you want to change this DVR’s *download priority* setting (see description on the previous page), select **Med** or **High** from the *Download Priority* drop-down list. Otherwise proceed to the next step.
- 7 If you wish to activate this DVR *right now* so that it can begin transmitting videos to the server PC immediately (default), proceed to the next step.
– OR –
If you do *not* wish to activate this DVR at this time, select **Disabled** from the *Status* drop-down list.
- 8 Click **Save**. A confirmation message displays.

The DVR named Unit 146 successfully saved.

Importing Multiple Flashback DVRs from a Spreadsheet

If desired, you can use a spreadsheet to import your basic Flashback DVR information to the server PC. This can save you considerable data entry time. Your Mobile-Vision Support representative can provide you with a template spreadsheet upon request. Simply replace the data in the template with your agency’s data, leaving the column headers and formatting as is.

After you’ve imported your initial DVR records via spreadsheet, you will typically add DVR records one at a time whenever you add a new vehicle/DVR to your fleet*.

- 1 Using Microsoft Excel, open the DVR spreadsheet.

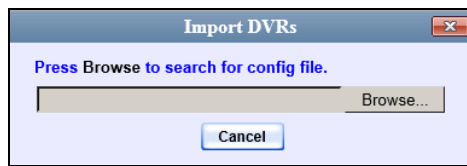
(Continued)

* Exception: If your agency is using the *UDP Broadcast* discovery method with the “Auto-Insert DVRs” feature, the system will automatically create new DVR records for you.

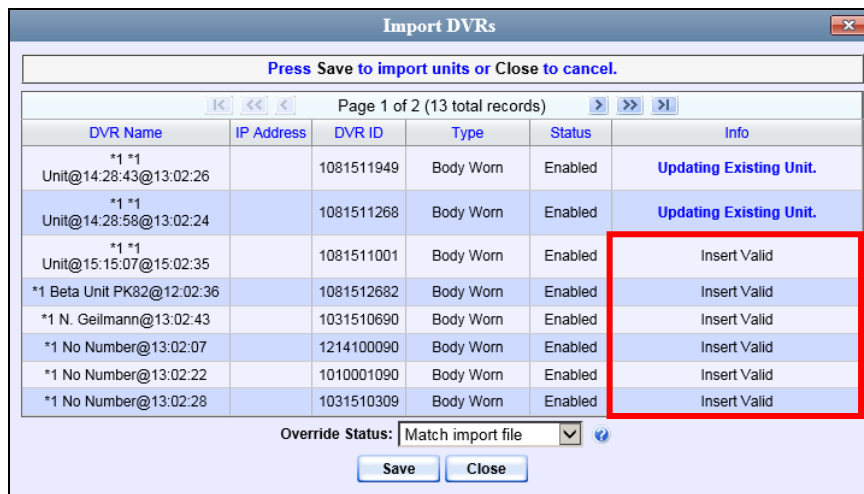
24							
25	<i>VEH #</i>	<i>IP</i>	<i>FLASH CARD</i>	<i>ID</i>	<i>SERIAL #</i>	<i>WLAN MAC</i>	
26	4312	192.168.10.101	216785	13783	29446	00.80.48.6e.68.af	
27	4313	192.168.10.102	216628	13784	29447	00.80.48.6b.96.90	
28		192.168.10.103	216629	13785	29448	00.80.48.6b.98.6f	
29		192.168.10.104	216630	13786	29449	00.80.48.6e.68.a0	
30		192.168.10.105	216631	13787	29450	00.80.48.6b.98.6b	
31		192.168.10.106	216751	13788	29451	00.80.48.6e.68.b3	
32		192.168.10.107	216752	13789	29452	00.80.48.6e.68.b5	
33	4310	192.168.10.108	216753	13790	29453	00.80.48.6b.96.8f	
34	4321	192.168.10.109	216754	13791	29454	00.80.48.6f.6f.1a	
35	4315	192.168.10.110	216755	13792	29455	00.80.48.6f.75.0b	
36	4316	192.168.10.111	216756	13793	29456	00.80.48.6f.75.0e	
37		192.168.10.112	216757	13794	29457	00.80.48.6f.75.53	
38	4328	192.168.10.113	216758	13795	29458	00.80.48.6f.75.42	
39	4314	192.168.10.114	216759	13796	29459	00.80.48.6f.75.13	
40	4311	192.168.10.115	216760	13797	29460	00.80.48.6f.75.11	

- Using the Excel “Save As” function, convert the spreadsheet from **XLS** to **CSV** format.
- If you have not done so already, login to the DEV application as an administrator.
- Go to **Administration** and click **Manage DVRs**. The Manage DVRs page displays.

- Go to the **Action** column and click **Import DVRs**. The Import DVRs popup displays.

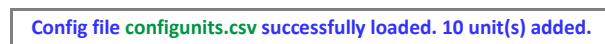


- 6 Click **Browse**.
- 7 Navigate to the spreadsheet that contains your DVR information (config_units.csv).
- 8 Double-click on the spreadsheet file. A list of DVR records displays.



Look at the value in the *Info* column. All records that have a value of **Insert Valid** will import. All records that have a *different* value (such as *Updating Existing Unit*) will *not* import. You can try importing such “problem” records again later. If you are still unable to import them, contact Mobile-Vision Support for assistance.


- 9 Click **Save**. A confirmation message displays.



The default status of your imported DVRs will be set to **Disabled**. When you’re ready to start using the DVRs, make sure you change their status to **Enabled**.

Configuring a New ‘Auto Insert’ DVR Record

This section describes how to configure a new Flashback or Body Worn record that was created automatically by the system.

- 1 Go to  **Administration** and click **Manage DVRs**. The Manage DVRs page displays, as pictured on the previous page.

2 Search for the new DVR record:

Enter the device’s serial number in the *DVR ID* field. You can find this number on the silver sticker located on the inside door of Flashback DVR *or* on the back of the Body Worn device.

– OR –

Enter the DVR’s Product Code in the *Product Code* field:

- FBHD**..... FlashbackHD
- FB3**..... Flashback3
- FB2**..... Flashback2
- FBBW1** *BodyVISION*
- BWX-100**..... BWX-100

Once the desired DVR record displays on-screen, proceed to the next step.

- 3** Right-click on the new DVR record, then select **Edit** from the popup menu. The Edit DVR form displays.
- 4** Using your agency’s naming conventions, enter a new name for the DVR in the *DVR Name* field.
- 5** Review the remaining field values. Enter/select any necessary changes.
- 6** Click **Save**.

Changing a Flashback DVR

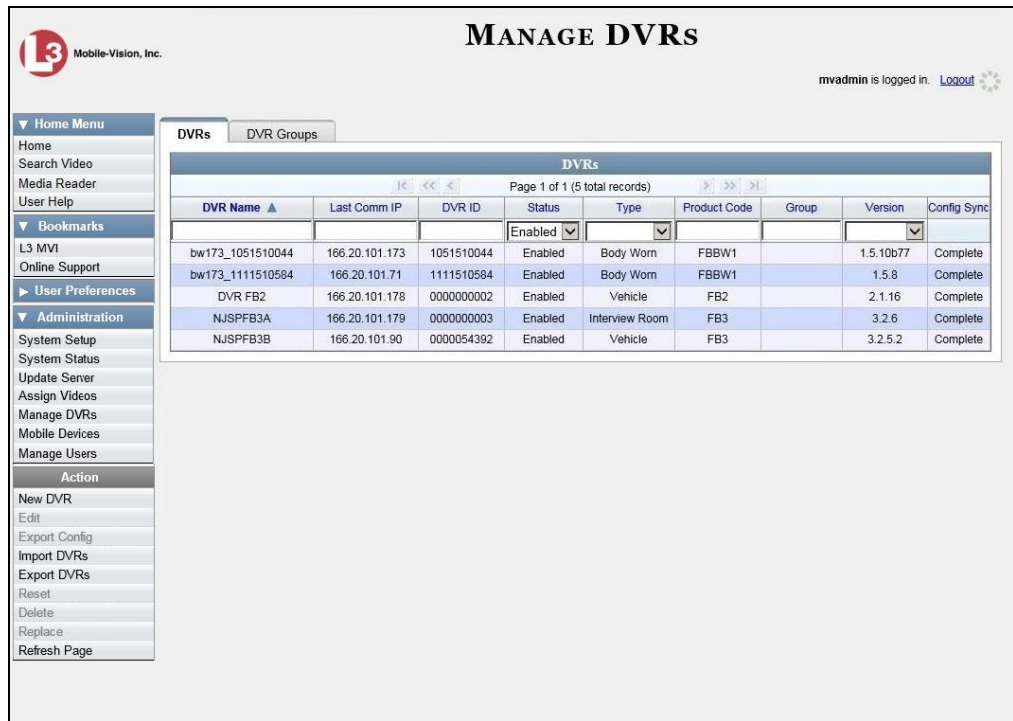
This section describes how to update a single DVR record. Use this procedure when you need to change the setting(s) for a Flashback DVR.

To update a Body Worn DVR, see “Changing a *BodyVISION* DVR” on page 282 or “Changing a BWX-100 DVR” on page 296.



NOTE: DVR changes made from the server PC will always override any changes made from the DVR itself.

- 1** Go to ▼ Administration and click **Manage DVRs**. The Manage DVRs page displays.



- 2 Locate the Flashback record you wish to update. If you have a large number of records to scan through, see “Searching for a DVR” on page 274, beginning with step 2.
- 3 Right-click on the record you wish to update, then select **Edit** from the popup menu. The Edit DVR form displays.

This field will only be visible if this is an Interview Room Flashback

- 4 Enter or select your changes in the appropriate field(s), then click **Save**. A confirmation message displays.

The DVR name *1 bw173@15:36:29 successfully saved.

Replacing a Flashback DVR


Occasionally, you may need to replace a Flashback that is lost, stolen, or damaged beyond repair. If you have an older model Flashback, you may also wish to upgrade to a newer model, such as the FlashbackHD. This section describes how to perform a replacement procedure that will allow the *new* DVR record to assume the name and video assignments of the *old* DVR record.



NOTE: By default, this feature is not accessible to any DEV users. In order to perform this function, you first need to add the **Can Reset DVR** permission to your user record, as described in Chapter 8, “Assigning Permissions to a User.”

Perform this procedure *before* you swap out the existing DVR for a new one.

- 1 If the DVR is located in an *Interview Room*, proceed to the next step.
– OR –
If the DVR is located in a *vehicle*, make sure that the vehicle is within transmission distance of the server (i.e., approximately 300 feet or less from an access point.)
- 2 Proceed to the vehicle or Interview Room and disconnect the old DVR Next, write down the unit’s serial number, which is located on the inside door of the Flashback.
- 3 Return to the precinct and login to DEV as an administrator.
- 4 Go to Administration and click **Manage DVRs**. The Manage DVRs page displays.



MANAGE DVRs

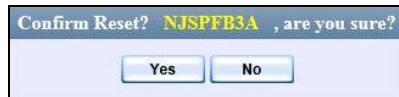
mvadmin is logged in. [Logout](#)

- ▼ Home Menu
- Home
- Search Video
- Media Reader
- User Help
- ▼ Bookmarks
- L3 MVI
- Online Support
- User Preferences
- ▼ Administration
- System Setup
- System Status
- Update Server
- Assign Videos
- Manage DVRs
- Mobile Devices
- Manage Users
- Action
- New DVR
- Edit
- Export Config
- Import DVRs
- Export DVRs
- Reset
- Delete
- Replace
- Refresh Page

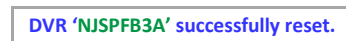
DVRs
DVR Groups

DVRs									
Page 1 of 1 (5 total records)									
DVR Name ▲	Last Comm IP	DVR ID	Status	Type	Product Code	Group	Version	Config Sync	
bw173_1051510044	166.20.101.173	1051510044	Enabled	Body Worn	FBBW1		1.5.10b77	Complete	
bw173_1111510584	166.20.101.71	1111510584	Enabled	Body Worn	FBBW1		1.5.8	Complete	
DVR FB2	166.20.101.178	0000000002	Enabled	Vehicle	FB2		2.1.16	Complete	
NJSPFB3A	166.20.101.179	0000000003	Enabled	Interview Room	FB3		3.2.6	Complete	
NJSPFB3B	166.20.101.90	0000054392	Enabled	Vehicle	FB3		3.2.5.2	Complete	

- 5 Enter the serial number for the *old* DVR record in the *DVR ID* field. The old DVR record displays.
- 6 Click on the old DVR record to highlight it.
- 7 Go to the **Action** column and click **Reset**. A verification message displays.



- 8 Click **Yes**. A confirmation message displays.



- 9 Wait ten minutes, then return to the vehicle or interview room and connect the new DVR.

Deleting a DVR

This section describes how to permanently remove a DVR record from the server PC. You can only delete a DVR that does not currently have any videos assigned to it. If the DVR you wish to delete *does* have video(s) assigned to it, first reassign those videos to a different DVR, as described in “Reassigning Video to a Different DVR” in chapter 2.

- 1 Go to **Administration** and click **Manage DVRs**. The Manage DVRs page displays, as pictured on the previous page.
- 2 Locate the DVR record you wish to delete. If you have a large number of records to scan through, see “Searching for a DVR” on page 274, beginning with step 2.
- 3 Right-click on the DVR record you wish to delete, then select **Delete** from the popup menu. A confirmation message displays.



- 4 Click **Delete**. The system removes the selected record from the DVR list.

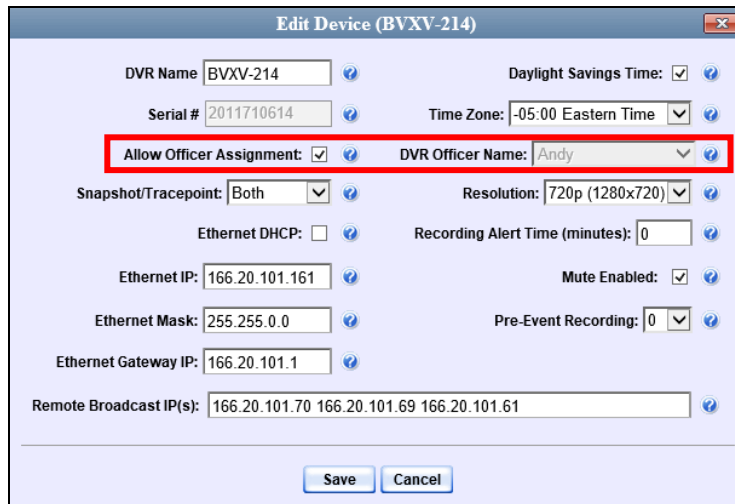
BodyVISION DVRs

BodyVISION is a body worn digital video recorder that can be used to capture high definition video with audio. After recording video, you upload it to DEV by placing the device in a docking station connected to your server PC.

As with Flashback videos, *BodyVISION* videos (and JPG files) are typically linked to a particular officer, that is, the officer who recorded the video or captured the snapshot. To create this link, DEV includes an *Officer Dispatch* feature that is somewhat similar to the *USB Login Key* feature used with Flashbacks. Specifically, the *Officer Dispatch* feature allows you to assign different *BodyVISION* devices to different officers each shift. This allows multiple officers working different shifts to share a limited number of *BodyVISION* devices. Once an officer completes his shift and places the *BodyVISION* back in its docking station, the system downloads that device's files and flags the device as "In" (i.e., available). You may then reassign that device to a different officer.

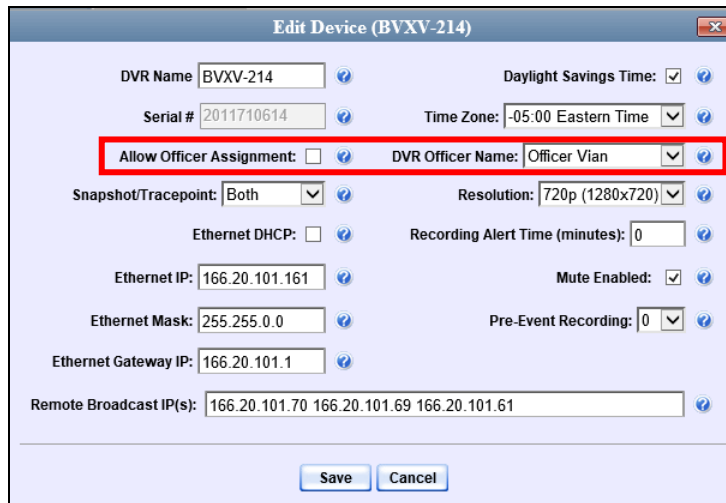
Alternately, some agencies may wish to assign one "take home" *BodyVISION* to each officer. This eliminates the need for the *Officer Dispatch* feature. Instead, you simply enter each officer's name on their *BodyVISION* record. All videos recorded on that device will then be linked to that officer.

Option 1:
Assign different
*BodyVISION*s to
different officers
each shift



The screenshot shows the 'Edit Device (BVXV-214)' configuration window. The 'Allow Officer Assignment' checkbox is checked and highlighted with a red box. The 'DVR Officer Name' dropdown menu is set to 'Andy'. Other fields include: DVR Name: BVXV-214, Serial #: 2011710614, Time Zone: -05:00 Eastern Time, Daylight Savings Time: checked, Snapshot/Tracepoint: Both, Resolution: 720p (1280x720), Ethernet DHCP: unchecked, Recording Alert Time (minutes): 0, Ethernet IP: 166.20.101.161, Mute Enabled: checked, Ethernet Mask: 255.255.0.0, Pre-Event Recording: 0, Ethernet Gateway IP: 166.20.101.1, and Remote Broadcast IP(s): 166.20.101.70 166.20.101.69 166.20.101.61. There are 'Save' and 'Cancel' buttons at the bottom.

Option 2:
Assign one
BodyVISION to
each officer



The screenshot shows the 'Edit Device (BVXV-214)' configuration window. The 'Allow Officer Assignment' checkbox is checked, and the 'DVR Officer Name' dropdown is set to 'Officer Vian'. A red box highlights these two fields. Other fields include: DVR Name: BVXV-214, Serial #: 2011710614, Daylight Savings Time: checked, Time Zone: -05:00 Eastern Time, Snapshot/Tracepoint: Both, Resolution: 720p (1280x720), Ethernet DHCP: unchecked, Recording Alert Time (minutes): 0, Ethernet IP: 166.20.101.161, Mute Enabled: checked, Ethernet Mask: 255.255.0.0, Pre-Event Recording: 0, Ethernet Gateway IP: 166.20.101.1, and Remote Broadcast IP(s): 166.20.101.70 166.20.101.69 166.20.101.61. There are 'Save' and 'Cancel' buttons at the bottom.

For more information, see:

- Configuring a New *BodyVISION* DVR, below
- Changing a *BodyVISION* DVR, page 288
- Assigning a *BodyVISION* DVR to an Officer, page 292
- BodyVISION* Battery Status Indicators, page 293
- Checking the Record Time Left on Your *BodyVISION*, page 294
- Selecting the Download Options for a Body Worn DVR, page 303
- Viewing the Mobile Devices Page for a Body Worn DVR, page 305
- Replacing a Body Worn DVR, page 308
- Resolving Naming Conflicts, page 310
- Disabling/Enabling Mobile App Pairing for BWX-100s, page 311.

All other DVR procedures, such as those that relate to firmware, are the same for *BodyVISION* devices as they are for Flashbacks. For more information, refer to the relevant procedures in this chapter, as listed on page 273.

Configuring a New *BodyVISION* DVR

This section describes how to configure a new *BodyVISION* DVR. The configuration process consists of three steps:

- 1** Select the appropriate *BodyVISION* download options. Perform this step *after* you've purchased your first *BodyVISION* device(s) but *before* you begin using the unit(s). For instructions, see "Selecting the Download Options for a Body Worn DVR on page 303.
- 2** Place your *BodyVISION* in one of the docking stations in your Charging/Transmitting station* so that the device can charge and the system can discover the new DVR on the network. Charging typically takes about two hours.

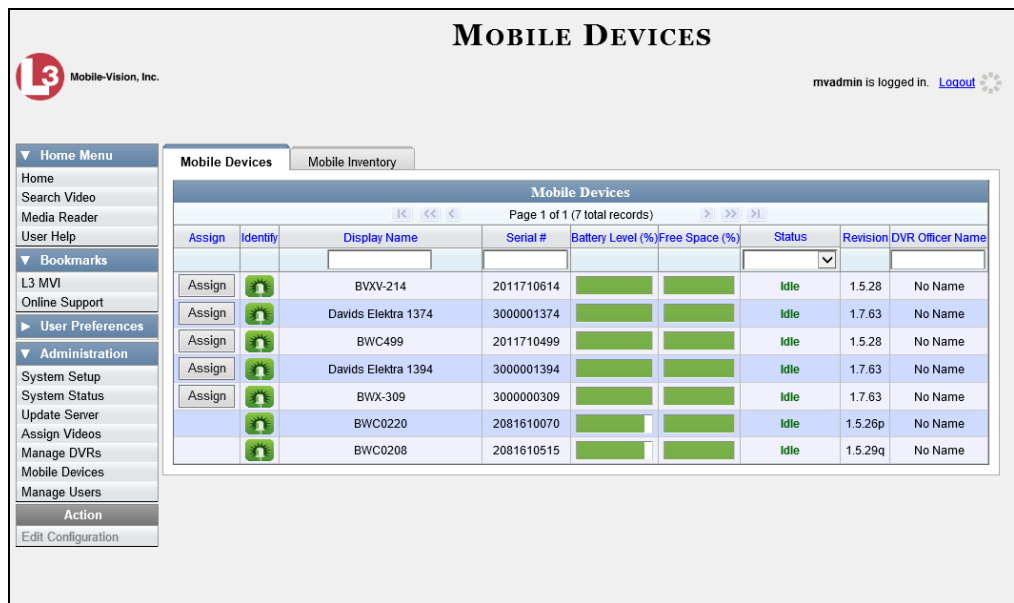
* If you haven't set up an Uplink Station yet, please review the "Getting Started" section of your *BodyVISION* User's Guide.






















- 3 Configure the new *BodyVISION* record. For instructions, see “Changing a *BodyVISION* DVR” below.

Changing a *BodyVISION* DVR

This section describes how to update a *BodyVISION* record.

- 1 Go to **Administration** and click **Mobile Devices**. The Mobile Devices page displays.



Assign	Identify	Display Name	Serial #	Battery Level (%)	Free Space (%)	Status	Revision	DVR Officer Name
Assign		BVXV-214	2011710614			Idle	1.5.28	No Name
Assign		Davids Elektra 1374	3000001374			Idle	1.7.63	No Name
Assign		BWC499	2011710499			Idle	1.5.28	No Name
Assign		Davids Elektra 1394	3000001394			Idle	1.7.63	No Name
Assign		BWX-309	3000000309			Idle	1.7.63	No Name
		BWC0220	2081610070			Idle	1.5.26p	No Name
		BWC0208	2081610515			Idle	1.5.29q	No Name

- 2 If the *BodyVISION* record you wish to update displays on-screen, click on it. Skip to step 5.

– OR –

If the *BodyVISION* record you wish to update does *not* display on-screen, proceed to the next step.

- 3 Use the navigation arrows at the top of the page to scroll through the DVR records.

– OR –

Enter or select search criteria in the *Display Name*, *Serial #*, *Status*, and/or *DVR Officer Name* fields. The system automatically narrows the DVR list to those DVRs that match your newly entered criteria.

- 4 Once the desired record displays on-screen, click on it.
- 5 Go to the **Action** column and click **Edit Configuration**. The Edit Device popup displays.

The fields on this popup are described below.

Edit Device	
Column	Description
DVR Name	The name of this <i>BodyVISION</i> device. By default, the system assigns the following name to a newly discovered device: [product code]_[serial number] . For example, if this is a <i>BodyVISION XV</i> , the DVR Name would begin with FBBW1_ , followed by the device’s 10-digit serial number. If this field is grayed out, it indicates that there is a naming conflict associated with the DVR. For more information, see “Resolving Naming Conflicts” on page 301.
Serial Number	The <i>BodyVISION</i> device’s 10-digit serial number. Display-only field. The system obtains this number from the device during the first DVR-to-server communication.
Allow Officer Assignment	A checkbox used to turn the <i>Officer Dispatch</i> feature on/off. For more information on this feature, see page 286. <input checked="" type="checkbox"/> Officer Dispatch feature is <i>on</i> (activated) <input type="checkbox"/> Officer Dispatch feature is <i>off</i> (deactivated)
Snapshot/Tracepoint	A field used to program the <i>BodyVISION</i> to capture a JPG still image and/or insert a “tracepoint” place-marker in a video whenever a user presses the <i>Snapshot/Tracepoint</i> button on the top of the device while a recording is in progress. (Continued)

Edit Device (cont'd)	
Column	Description
Snapshot/Tracepoint (cont'd)	<p>Select a value from the drop-down list:</p> <ul style="list-style-type: none"> ▪ <i>Snapshot</i>. Capture a JPG still image ▪ <i>Tracepoint</i>. Insert a “tracepoint” placemaker in a video ▪ <i>Both</i> (default). Perform both actions—Capture a JPG still image and insert a “tracepoint” placemaker in a video. ▪ <i>Off</i>. Do not perform either action.
Ethernet DHCP	<p>A checkbox used to indicate whether or not a DHCP server will automatically provide the IP address to this <i>BodyVISION</i> DVR.</p> <p><input checked="" type="checkbox"/> DHCP server will automatically assign an IP address to this DVR</p> <p><input type="checkbox"/> User will manually assign an IP address to this DVR</p> <p>If you are not running DEV on a DHCP network, leave this checkbox deselected.</p>
Ethernet IP	<p>The unique IP address that is assigned to this <i>BodyVISION</i>. This field is only required when the <i>Ethernet DHCP</i> checkbox is deselected.</p>
Ethernet Mask	<p>The same <i>Ethernet Mask</i> address that you use on your private Ethernet network. This field is only required when the <i>Ethernet DHCP</i> checkbox is deselected.</p>
Ethernet Gateway IP	<p>The same Ethernet gateway IP address that you use on your private Ethernet network. This field is only required when the <i>Ethernet DHCP</i> checkbox is deselected.</p>
Remote Broadcast IP(s)	<p>An IP address range across which the <i>BodyVISION</i> DVRs announce their identity so the server can locate them. System default is 255.255.255.255. Separate multiple IP addresses with a space.</p>
Daylight Savings Time	<p>A checkbox used to indicate whether or not this <i>BodyVISION</i> will be recording in a region that observes Daylight Savings Time. When this checkbox is selected, <i>BodyVISION</i> will automatically adjust its videos’ recording start/end times to reflect daylight savings time.</p> <p><input checked="" type="checkbox"/> Daylight Savings Time is observed in this device’s recording region</p> <p><input type="checkbox"/> Daylight Savings Time is <i>not</i> observed in this device’s recording region</p>

Edit Device (cont'd)	
Column	Description
Time Zone	The time zone in which this <i>BodyVISION</i> unit will be recording. <i>Select this value from the drop-down list.</i>
DVR Officer Name	The name of the officer to whom this device is currently assigned, if applicable. If the <i>Allow Officer Assignment</i> checkbox is selected, this field will be grayed out. <i>Select this value from the drop-down list.</i>
Resolution	The video resolution for this DVR's recordings. The system defaults to high definition (1280 x 720). <i>Select this value from the drop-down list.</i>
Recording Alert Time (minutes)*	Enable the <i>recording-in-progress</i> alert, which causes the <i>BodyVISION</i> device to vibrate every X number of minutes after a recording is initiated. System defaults to 0 (alert feature disabled). <i>To enable recording alerts, enter a number between 1 and 30; to disable recording alerts, enter 0.</i>
Mute enabled*	Enable/disable the recording mute button. <input checked="" type="checkbox"/> User can mute audio on this device while a recording is in progress (default) <input type="checkbox"/> User <i>cannot</i> mute audio on this device while a recording is in progress
Pre-Event Recording <i>BodyVISION XV's only</i>	If you have a <i>BodyVISION XV</i> , you may capture 10, 30, 60, or 90 seconds of video <i>before</i> a recording session is initiated. The reason that the <i>BodyVISION</i> is able to capture video <i>before</i> a recording session even begins is because the device is, in fact, recording all the time—it just doesn't save all that data to the device's internal storage drive unless you choose to do so. Pre-event recordings are similar to the short-term memory on a computer. Before you ever click Save (or in this case, the <i>record</i> switch), there is still some data stored in the computer's short-term memory. <i>Select a value from the drop-down list:</i> 0 Omit pre-event recording 10 Capture 10 seconds of pre-event recording 30 Capture 30 seconds of pre-event recording 60 Capture 60 seconds of pre-event recording 90 Capture 90 seconds of pre-event recording

6 Enter/select your changes in the appropriate fields.

* Feature available for *BodyVISIONs* with firmware version 1.5.2 and higher

7 Click Save.

For more information, see:

- Assigning a *BodyVISION* DVR to an Officer, below
- Viewing the Mobile Devices Page for a Body Worn DVR, page 305.

Assigning a *BodyVISION* DVR to an Officer

This section describes how to assign an available *BodyVISION* unit to a selected officer. In order to perform this procedure, the *Officer Dispatch* feature must be activated, as pictured below.

- 1 Go to **Administration** and click **Mobile Devices**. The Mobile Devices page displays.

MOBILE DEVICES

mvadmin is logged in. [Logout](#)

Assign	Identify	Display Name	Serial #	Battery Level (%)	Free Space (%)	Status	Revision	DVR Officer Name
Assign		BVXV-214	2011710614	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.28	No Name
Assign		Davids Elektra 1374	3000001374	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.7.63	No Name
Assign		BWC499	2011710499	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.28	No Name
Assign		Davids Elektra 1394	3000001394	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.7.63	No Name
Assign		BWX-309	3000000309	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.7.63	No Name
		BWC0220	2081610070	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.26p	No Name
		BWC0208	2081610515	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.29q	No Name

These are all the devices that are currently connected to the server PC. All DVRs that have an **Assign** button next to them are available for assignment.

For a description of the columns on this page, see the table on page 306.

- Click the **Assign** button to the left of the device you wish to assign. The Assign Officer popup displays.



- Select an officer from the *Officer Name* drop-down list.
- Click **Save**. The officer you just selected now displays in the *DVR Officer Name* field. If that officer happens to be in close proximity to the *BodyVISION* Uplink Station, you may wish to activate an audio/visual alert. This will make it easier for the officer to identify his *BodyVISION*. To activate this alert, click the green notification icon for that device. The device's alert will sound and the Status/Battery LED on the top of the device will flash yellow/red.



BodyVISION Battery Status Indicators



Battery Status	Indicators
50% – <100% capacity	<ul style="list-style-type: none"> If device is <i>idle</i>, battery LED flashes green every 5 seconds If device is <i>recording</i>, battery LED flashes green every 2 seconds
15% – 50% capacity	<ul style="list-style-type: none"> If device is <i>idle</i>, battery LED flashes yellow every 5 seconds If device is <i>recording</i>, LED flashes yellow every 2 seconds
< 15% capacity	Battery LED displays solid red <i>and</i> device vibrates twice every 5 minutes



WARNING: When possible, avoid letting the battery become completely depleted. If this does occur, you must connect the *BodyVISION* to your agency's Uplink Station before attempting to record again. This will synch the *BodyVISION* to your server, ensuring that the device's date/time information is correct. Failure to connect to the Uplink Station right away could result in inaccurate date/time information.

Checking the Record Time Left on Your BodyVISION

To determine how much record time you have left on your *BodyVISION*, make sure the device is in idle mode (i.e., not recording), then press and release the *Stealth/Record Time* button. An LED light will display. The color of this light will tell you how much time you have, as described in the table below.

To check your remaining record time, press and release this button



Color of Status LED tells you how much record time you have left; see table below.

Time Status Indicators	Recording Time Left
Status LED is solid green for 5 seconds	> 3 hours
Status LED is solid yellow for 5 seconds	> = 1 hour and < = 3 hours
Status LED is solid red for 5 seconds	< 1 hour

BWX-100 DVRs

BWX-100 is a body worn digital video recorder that can be used to capture full high definition video with audio. After recording video, you upload it to DES by placing the device in a docking station connected to your DES server.

Officer Dispatch Feature

As with Flashback videos, BWX-100 videos are typically linked to a particular officer, that is, the officer who recorded the video or captured the snapshot. To create this link, DES includes an *Officer Dispatch* feature that is somewhat similar to the *USB Login Key* feature used with Flashbacks. Specifically, the *Officer Dispatch* feature allows you to assign different BWX-100 devices to different officers each shift. This allows multiple officers working different shifts to share a limited number of BWX-100 devices. Once an officer completes his shift and places the BWX-100 back in its docking station, the system uploads that device's files and flags the device as "In" (i.e., available). You may then reassign that DVR to a different officer.

Alternately, some agencies may choose to assign one "take home" BWX-100 to each officer. This eliminates the need for the *Officer Dispatch* feature. Instead, you simply enter each officer's name on their BWX-100 record. In the future, all videos recorded on that device will then be linked to that officer.



WARNING: Under certain circumstances, your Mobile-Vision Service professional may provide you with a procedure used to reset the configuration file within your BWX-100 device. If you are familiar with this procedure, do *not* use it again unless instructed to do so by a Mobile-Vision Service professional! Doing so could interfere with DVR-to-server communication, making it impossible for you to upload your videos to the server.

Option 1:
Assign different
BW-100s to
different officers
each shift



Edit Device (BW-309)

DVR Name: BWX-309 Daylight Savings Time:

Serial #: 300000309 Time Zone: -05:00 Eastern Time

Allow Officer Assignment: DVR Officer Name: Andy

GPS Tracking: GPS Run Time: 0

Snapshot/Tracepoint: Both Audio/Video Mode: 0

Bluetooth Transmission: Disabled Bluetooth ID: 00000002

Ethernet DHCP: Resolution: 1080P

Ethernet IP: 166.20.101.176 Recording Alert Time (minutes): 0


Ethernet Mask: 255.255.255.0 Mute Enabled:

Ethernet Gateway IP: 166.20.101.1 Pre-Event Recording: 0

Remote Broadcast IP(s): 166.20.101.70 166.20.101.69 192.168. Record LED:

Save Cancel

Option 2:
Permanently assign
one BW-100
to each officer



Edit Device (Davids Elektra 1394)

DVR Name: Davids Elektra 13 Daylight Savings Time:

Serial #: 3000001374 Time Zone: -05:00 Eastern Time

Allow Officer Assignment: DVR Officer Name: Officer Vian

GPS Tracking: GPS Run Time: 0

Snapshot/Tracepoint: Both Audio/Video Mode: 0

Bluetooth Transmission: Disabled Bluetooth ID: 00000002

Ethernet DHCP: Resolution: 1080P

Ethernet IP: 166.20.101.176 Recording Alert Time (minutes): 0

Ethernet Mask: 255.255.255.0 Mute Enabled:

Ethernet Gateway IP: 166.20.101.1 Pre-Event Recording: 0

Remote Broadcast IP(s): 166.20.101.70 166.20.101.69 192.168. Record LED:

Save Cancel

For more information, see:

- Configuring a New BWX-100 DVR, next page
- Changing a BWX-100 DVR, page 296
- Assigning a BWX-100 DVR to an Officer, page 301
- Selecting the Download Options for a Body Worn DVR, page 303
- Viewing the Mobile Devices Page for a Body Worn DVR, page 305
- Replacing a Body Worn DVR, page 308
- Resolving Naming Conflicts, page 310
- Disabling/Enabling Mobile App Pairing for BWX-100s, page 311

All other DVR procedures, such as those that relate to firmware, are the same for BWX-100 devices as they are for Flashbacks. For more information, refer to the relevant procedures in this chapter, as listed on page 273.

Configuring a New BWX-100 DVR

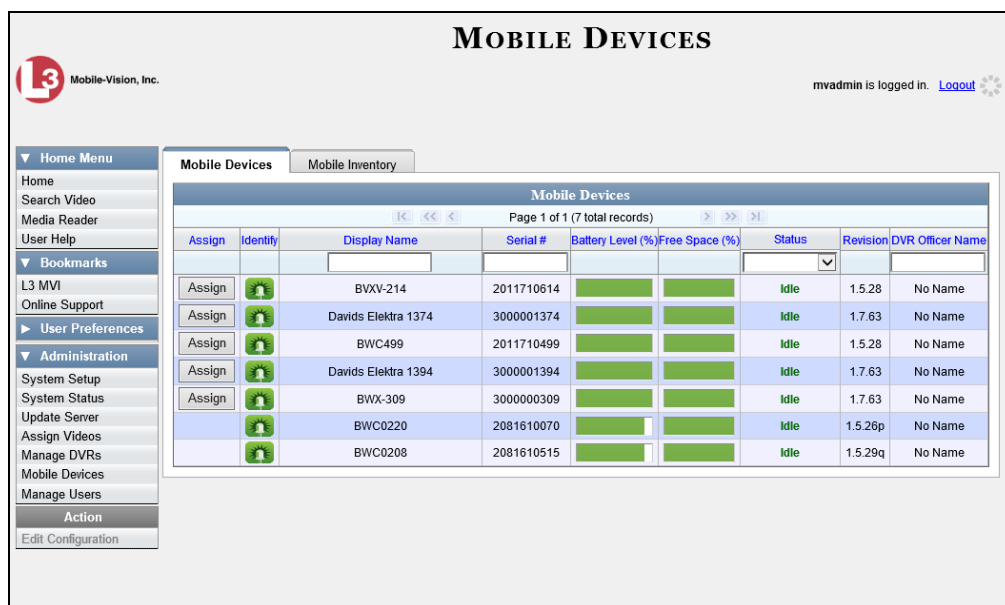
This section describes how to configure new BWX-100 DVRs. The configuration process consists of two steps:

- 1 Select the appropriate BWX-100 download options. Perform this step *after* you've purchased your first BWX-100 device(s) but *before* you begin using the device(s). For instructions, see "Selecting the Download Options for a Body Worn DVR" on page 303.
- 2 Update the new BWX-100 DVR record. For instructions, see "Changing a BWX-100 DVR" below.

Changing a BWX-100 DVR

This section describes how to update a BWX-100 record. If you are configuring a BWX-100 record **for the first time**, we recommend that you refer to the "Changing a BWX-100 DVR When Fleet Management is Off" procedure in your BWX-100 User's Guide instead. The latter version guides you step-by-step through the initial configuration process.

- 1 Go to **Administration** and click **Mobile Devices**. The Mobile Devices page displays.



MOBILE DEVICES

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)






















Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

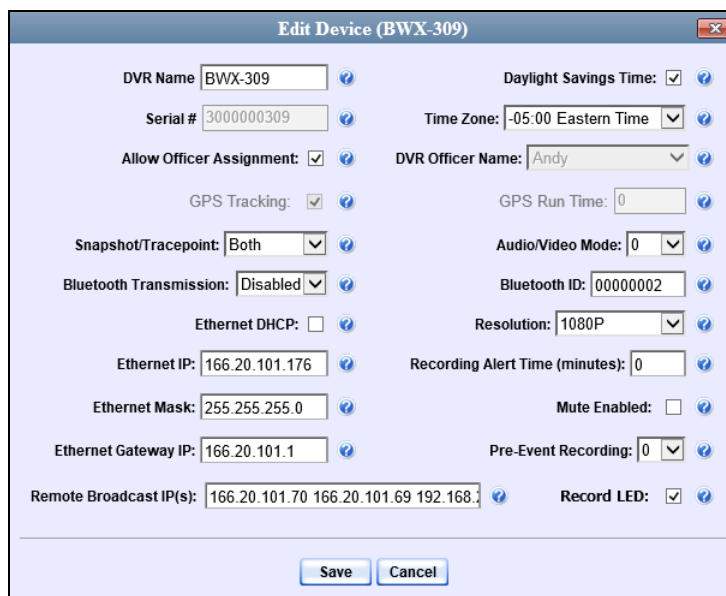
User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: Edit Configuration

Assign	Identify	Display Name	Serial #	Battery Level (%)	Free Space (%)	Status	Revision	DVR Officer Name
Assign		BVX-214	2011710614			Idle	1.5.28	No Name
Assign		Davids Elektra 1374	3000001374			Idle	1.7.63	No Name
Assign		BWC499	2011710499			Idle	1.5.28	No Name
Assign		Davids Elektra 1394	3000001394			Idle	1.7.63	No Name
Assign		BWX-309	3000000309			Idle	1.7.63	No Name
		BWC0220	2081610070			Idle	1.5.26p	No Name
		BWC0208	2081610515			Idle	1.5.29q	No Name

- 2 If the BWX-100 record you wish to update displays on-screen, click on it. Skip to step 5.
– OR –
If the BWX-100 record you wish to update does *not* display on-screen, proceed to the next step.
- 3 Use the navigation arrows at the top of the page to scroll through the DVR records.
– OR –
Enter or select search criteria in the *Display Name*, *Serial #*, *Status*, and/or *DVR Officer Name* fields. The system automatically narrows the DVR list to those DVRs that match your newly entered criteria.
- 4 Once the desired record displays on-screen, click on it.
- 5 Go to the **Action** column and click **Edit Configuration**. The Edit Device popup displays.



The screenshot shows the 'Edit Device (BWX-309)' configuration window. The fields and their values are as follows:

Field	Value
DVR Name	BWX-309
Serial #	3000000309
Allow Officer Assignment	<input checked="" type="checkbox"/>
Daylight Savings Time	<input checked="" type="checkbox"/>
Time Zone	-05:00 Eastern Time
DVR Officer Name	Andy
GPS Tracking	<input checked="" type="checkbox"/>
GPS Run Time	0
Snapshot/Tracepoint	Both
Audio/Video Mode	0
Bluetooth Transmission	Disabled
Bluetooth ID	00000002
Ethernet DHCP	<input type="checkbox"/>
Resolution	1080P
Ethernet IP	166.20.101.176
Recording Alert Time (minutes)	0
Ethernet Mask	255.255.255.0
Mute Enabled	<input type="checkbox"/>
Ethernet Gateway IP	166.20.101.1
Pre-Event Recording	0
Remote Broadcast IP(s)	166.20.101.70 166.20.101.69 192.168.
Record LED	<input checked="" type="checkbox"/>

The fields on this screen are described in the table on the next page.

(Continued)

Edit Device	
Column	Description
DVR Name	The name assigned to this BWX-100. If this field is grayed out, it indicates that there is a naming conflict associated with the DVR. For more information, see “Resolving Naming Conflicts” on page 310.
Serial #	The BWX-100’s serial number. The system obtains this number from the device during the first DVR-to-server communication.
Allow Officer Assignment	A checkbox used to turn the <i>Officer Dispatch</i> feature on/off. For more information on this feature, see page 294. <input checked="" type="checkbox"/> Officer Dispatch feature is <i>on</i> (activated) <input type="checkbox"/> Officer Dispatch feature is <i>off</i> (deactivated)
GPS Tracking	<i>This feature will be available in a future release.</i>
Snapshot/Tracepoint	A field used to program the BWX-100 to capture a JPG still image and/or insert a “tracepoint” placemaker in a video whenever a user presses the <i>Snap/Trace</i> button on the side of the device while a recording is in progress. Select a value from the drop-down list: <ul style="list-style-type: none"> ▪ <i>Snapshot</i>. Capture a JPG still image ▪ <i>Tracepoint</i>. Insert a “tracepoint” placemaker in a video ▪ <i>Both</i> (default) Capture a JPG still image <i>and</i> insert a “tracepoint” placemaker in a video. ▪ <i>Off</i>. Do not perform either action.
Bluetooth Transmission	The BWX-100’s bluetooth transmission status: <ul style="list-style-type: none"> ▪ <i>Enabled</i>. Automatically trigger a recording on remote device(s) whenever an officer manually starts a BWX-100 recording within line sight of in-range BWX-100(s)—assuming those device(s) are configured for bluetooth transmission. ▪ <i>Disabled</i>. Do not broadcast or receive <i>bluetooth transmissions</i>. For more on this feature, see “Remotely Starting a Recording” in the <i>BWX-100 User’s Guide</i> .
Ethernet DHCP	A checkbox used to indicate whether or not a DHCP server will automatically provide the IP address to this BWX-100. <input checked="" type="checkbox"/> DHCP server will automatically assign an IP address to this device <i>(Continued)</i>

Edit Device (cont'd)	
Column	Description
Ethernet DHCP (cont'd)	<input type="checkbox"/> User will manually assign an IP address to this device
Ethernet IP	The unique IP address that is assigned to this device.*
Ethernet Mask	The same Ethernet mask address that you use on your private Ethernet network.*
Ethernet Gateway IP	The same Ethernet gateway IP address that you use on your private Ethernet network.*
Remote Broadcast IP(s)	An IP address range across which the BWX-100 devices announce their identity so the server can locate them. System default is 255.255.255.255. Separate multiple IP addresses with a space.
Daylight Savings Time	A checkbox used to indicate whether or not this device will be recording in a region that observes Daylight Savings Time. When this checkbox is selected, the BWX-100 will automatically adjust its videos' recording start/end times to reflect daylight savings time. <input checked="" type="checkbox"/> Daylight Savings Time is observed in this device's recording region (default) <input type="checkbox"/> Daylight Savings Time is <i>not</i> observed in this device's recording region
Time Zone	The time zone in which this BWX-100 will be recording. System default is EASTERN time. <i>Select this value from the drop-down list.</i>
DVR Officer Name	The name of the officer to whom this BWX-100 is currently assigned, if applicable. If the <i>Allow Officer Assignment</i> checkbox is selected, this field will be grayed out. <i>Select this value from the drop-down list.</i>
GPS Runtime	<i>This feature will be available in a future release.</i>
Audio/Video Mode	The type of data this BWX-100 will capture: 0 Audio and video (default) 1 Video only 2 Audio only
Bluetooth ID	A unique, 1 - 12 character code used to identify a device <i>group</i> . Use of this code will ensure that this BWX-100 will only communicate with devices that share the same Bluetooth ID.

(Continued)

* This field is only required when the Ethernet DHCP checkbox is not selected.

Edit Device (cont'd)	
Column	Description
Resolution	<p>The video resolution for this camera. <i>Select a value from the drop-down list:</i></p> <ul style="list-style-type: none"> ▪ 720 x 480 cropped. Standard definition video with a reduced field of view. Also referred to as “480p cropped.” ▪ 1280 x 720 cropped. High definition video with a reduced field of view. Also referred to as “720p cropped.” ▪ 1280 x 720. High definition video with a full field of view. Also referred to as “720p.” ▪ 1920 x 1080 (default). Full high definition video with a full field of view. This is the highest resolution available for BWX-100 video and the most resource intensive. Also referred to as “1080p.”
Recording Alert Time (minutes)	<p>When a value higher of 1 or higher is entered in this field, it activates the <i>recording-in-progress</i> alert, which causes the BWX-100 to vibrate every X number of minutes after a recording is initiated. To <i>enable</i> recording alerts, enter a number between 1 and 30; to <i>disable</i> recording alerts, enter 0.</p>
Mute Enabled	<p>A checkbox used to enable/disable the recording mute button.</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Officer can mute audio while a recording is in progress (default) <input type="checkbox"/> Officer cannot mute audio while a recording is in progress
Pre-Event Recording	<p>If desired, you may capture 10, 30, 60, or 90 seconds of video <i>before</i> a recording session is initiated. The reason that the BWX-100 is able to capture video <i>before</i> a recording session even begins is because the device is, in fact, recording all the time—it just doesn’t save all that data to the device’s internal storage drive unless you choose to do so. Pre-event recordings are similar to the short-term memory on a computer. Before you ever click Save (or in this case, the <i>record</i> button), there is still some data stored in the computer’s short-term memory.</p> <p><i>Select a value from the drop-down list:</i></p> <ul style="list-style-type: none"> 0 Omit pre-event recording 10 Capture 10 seconds of pre-event recording 30 Capture 30 seconds of pre-event recording 60 Capture 60 seconds of pre-event recording 90 Capture 90 seconds of pre-event recording

Edit Device (cont'd)	
Column	Description
Record LED	<p>A checkbox used to indicate whether or not you want the red LEDs on the front and top of the BWX-100 to illuminate whenever a recording is in progress.</p> <p><input checked="" type="checkbox"/> Enable LED recording-in-progress lights (default). <input type="checkbox"/> Disable LED recording-in-progress lights.</p>

- Enter/select your changes in the appropriate field(s).
- Click **Save**.

For more information, see:

- Assigning a BWX-100 DVR to an Officer, below
- Viewing the Mobile Devices Page for a Body Worn DVR, page 305
- Replacing a Body Worn DVR, page 308.

All other DVR procedures, such as those that relate to firmware, are the same for BWX-100 devices as they are for Flashbacks. For more information, refer to the relevant procedures in this chapter, as listed on page 273.

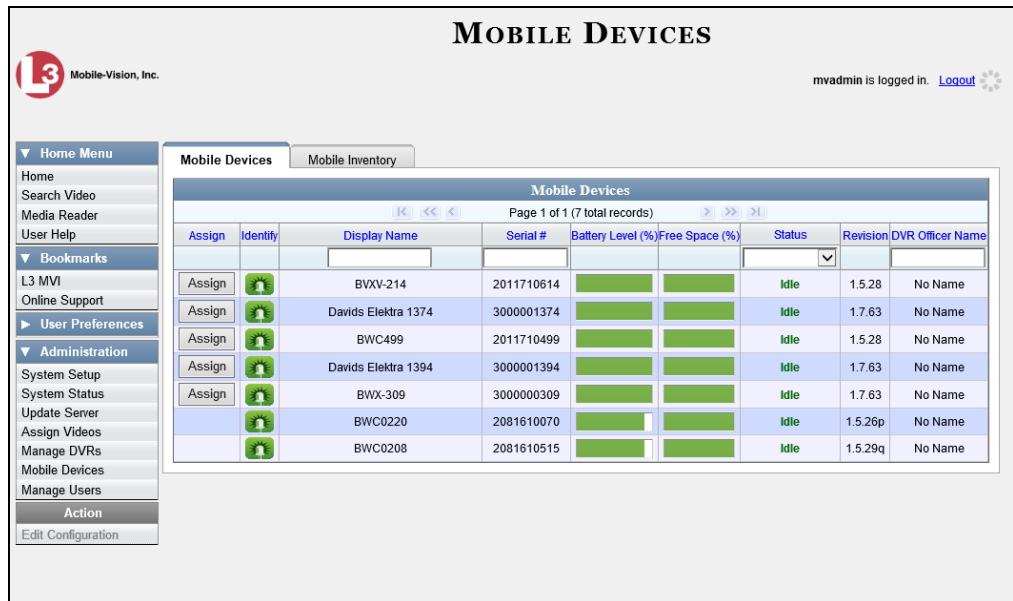
Assigning a BWX-100 DVR to an Officer

This section describes how to assign an available BWX-100 device to a selected officer. In order to perform this procedure, the *Officer Dispatch* feature must be activated, as described in step 1 below.

- Make sure the *Allow Officer Assignment* checkbox on the DVR record is selected.

BWX-100
DVR Record

- Go to **Administration** and click **Mobile Devices**. The Mobile Devices page displays.



MOBILE DEVICES

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)








Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: Edit Configuration

Assign	Identify	Display Name	Serial #	Battery Level (%)	Free Space (%)	Status	Revision	DVR Officer Name
Assign		BVXV-214	2011710614	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.28	No Name
Assign		Davids Elektra 1374	3000001374	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.7.63	No Name
Assign		BWC499	2011710499	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.28	No Name
Assign		Davids Elektra 1394	3000001394	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.7.63	No Name
Assign		BWX-309	3000000309	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.7.63	No Name
		BWC0220	2081610070	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.26p	No Name
		BWC0208	2081610515	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.29q	No Name

This displays all the devices that are currently connected to the server. All DVRs that have an **Assign** button next to them are available for assignment.

For a description of the columns on the Mobile Devices page, see the table on page 306.

- Click the **Assign** button to the left of the device you wish to assign. The Assign Officer popup displays.



Assign Officer

Display Name: *1 bw173@15:36:42

DVR Officer Name: No Name

Save Cancel

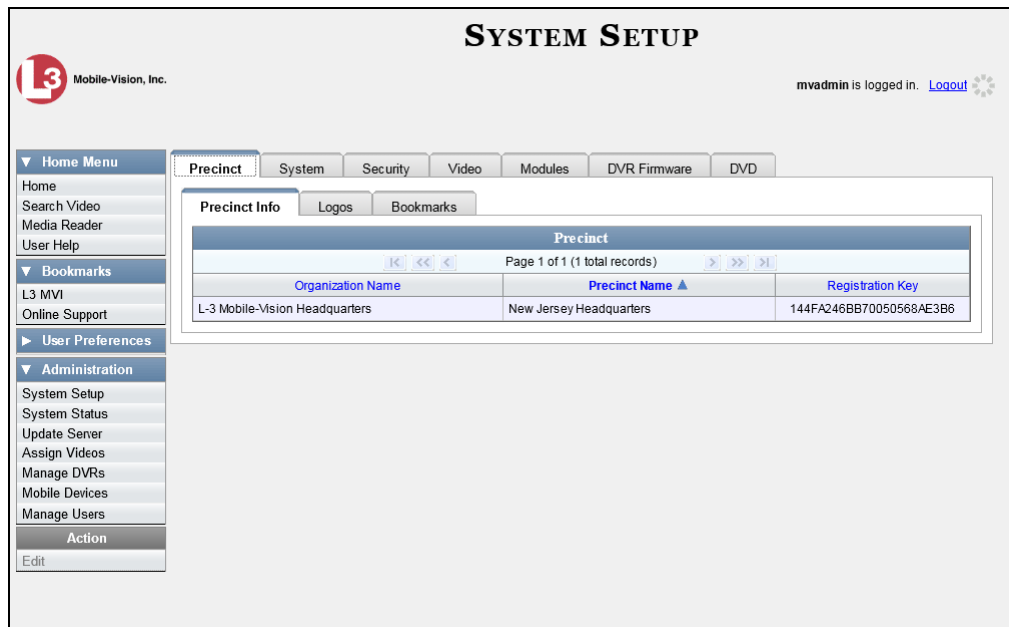
- Select an officer from the *DVR Officer Name* drop-down list.
- Click **Save**. The officer you just selected now displays in the *DVR Officer Name* field. If that officer happens to be in close proximity to the BWX-100 Uplink station, you may wish to activate an audio/visual alert. This will make it easier for the officer to identify his BWX-100. To activate this alert, click the green notification icon for that device. The BWX-100 will buzz/chirp for five seconds.



Selecting the Download Options for a Body Worn DVR

This section describes how to select the download options that are required for a *Body-VISION* or *BWX-100* Body Worn camera. You only have to perform this task *once*.

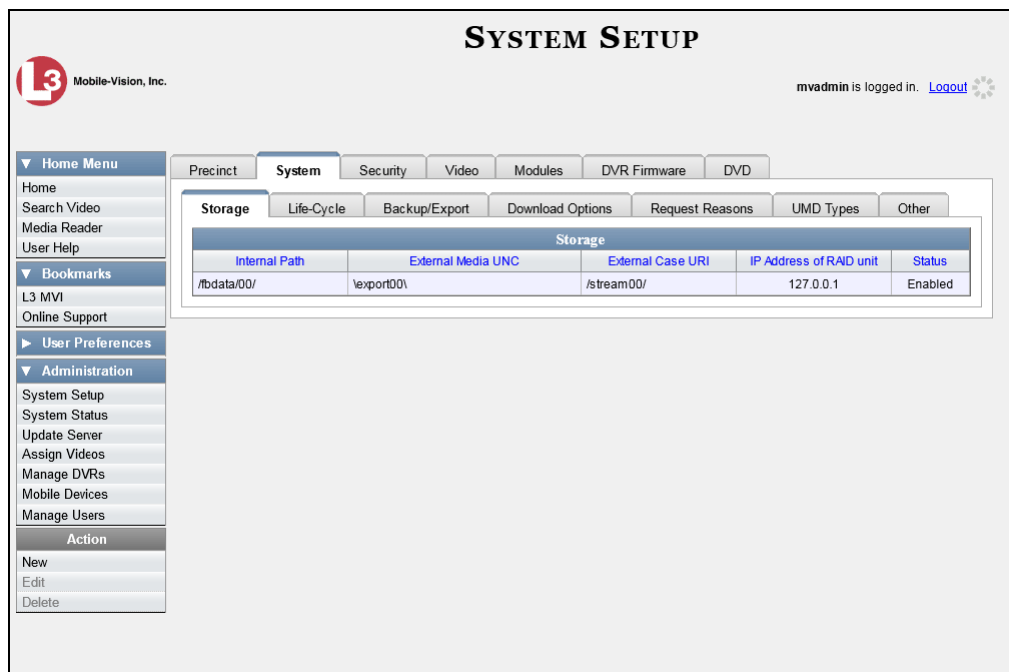
- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



The screenshot shows the 'SYSTEM SETUP' interface. The 'Administration' menu is expanded, and 'System Setup' is selected. The 'Precinct' tab is active, displaying a table of precinct information.

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

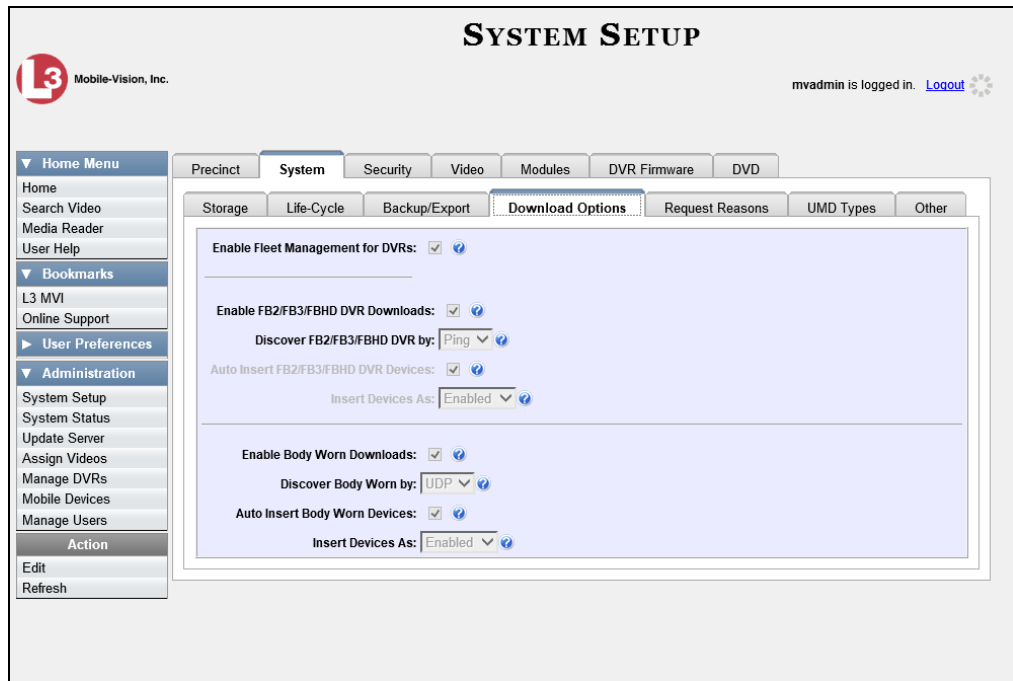
- 2 Click the **System** tab.



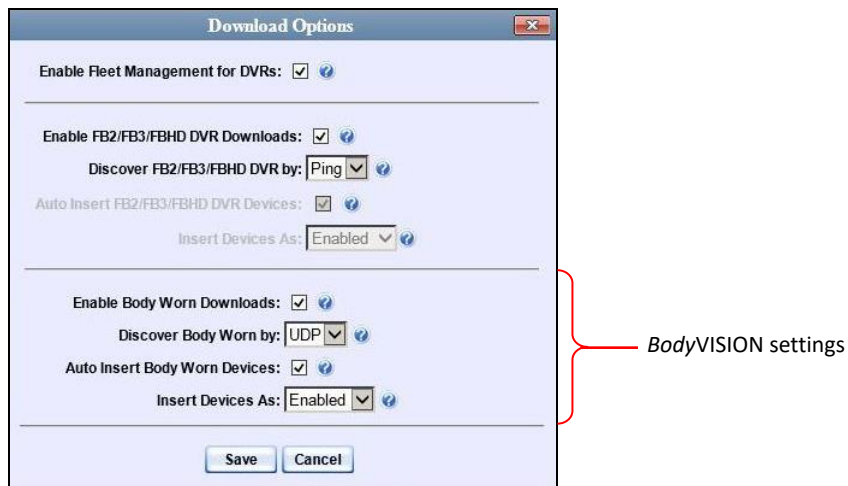
The screenshot shows the 'SYSTEM SETUP' interface with the 'System' tab selected. The 'Storage' sub-tab is active, displaying a table of storage configurations.

Internal Path	External Media UNC	External Case URI	IP Address of RAD unit	Status
/bdata/00/	\\export001	/stream00/	127.0.0.1	Enabled

- 3 Click the **Download Options** tab.



- 4 Go to the **Action** column and click **Edit**. The Download Options popup displays.



The settings for Body Worn DVRs are on the *bottom* of this popup.

- 5 Unless otherwise instructed by a Mobile-Vision Support representative, select the following Body Worn settings: (*Continued*)

Field	Suggested Settings
Enable Body Worn Downloads	Selected
Discover Body Worn by	UDP
Auto Insert Body Worn Devices	Selected
Insert Devices As	Enabled

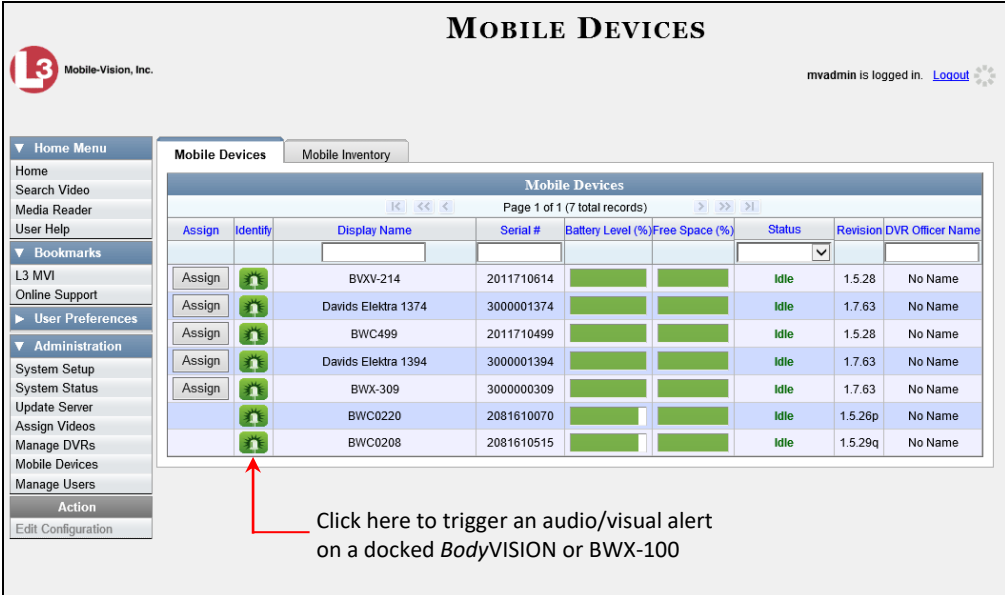
6 Click **Save**.

Viewing the Mobile Devices Page for a Body Worn DVR

This section describes how to view the Mobile Devices page, which lists the following information:

- BodyVISION* and BWX-100 Body Worn cameras that are currently connected to the server
- BodyVISION* and BWX-100 Body Worn cameras that have been in communication with the server at least once.

1 Go to **Administration** and click **Mobile Devices**. The Mobile Devices page displays.



MOBILE DEVICES

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, **Mobile Devices**, Manage Users

Action: Edit Configuration

Assign	Identify	Display Name	Serial #	Battery Level (%)	Free Space (%)	Status	Revision	DVR Officer Name
Assign		BVXV-214	2011710614	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.28	No Name
Assign		Dauids Elektra 1374	3000001374	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.7.63	No Name
Assign		BWC499	2011710499	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.28	No Name
Assign		Dauids Elektra 1394	3000001394	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.7.63	No Name
Assign		BWX-309	3000000309	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.7.63	No Name
		BWC0220	2081610070	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.26p	No Name
		BWC0208	2081610515	<div style="width: 100%; height: 10px; background-color: green;"></div>	<div style="width: 100%; height: 10px; background-color: green;"></div>	Idle	1.5.29q	No Name

Click here to trigger an audio/visual alert on a docked *BodyVISION* or BWX-100

The **Mobile Devices** tab displays all Body Worn devices that are currently connected to the server via a docking station. If necessary, use the navigation arrows and/or search fields at the top of the form to scan the full list.


The columns on the **Mobile Devices** tab are described in the table on the next page.

Mobile Devices Tab	
Column	Description
Assign	A button used to assign this Body Worn camera to an officer. This button will only display when the following conditions apply: 1) the Allow Officer Assignment check-box is on the device's DVR record is selected, and 2) the device is currently available for assignment. A device is considered "available" when it is connected to the server via a docking station, uploading/downloading is complete, and the device is not currently assigned to another officer.
Identify	An icon used to activate an audio/visual alert on the Body Worn camera, making it easy for an officer or evidence clerk to locate the device. This alert varies slightly depending on what model of Body Worn camera you have: <ul style="list-style-type: none"> ▪ <i>BodyVISIONs</i>. Device will beep and its Status/Battery LED on the top of the unit will flash yellow/red, ▪ <i>BWX-100s</i>. Device will repeatedly buzz/chirp for five seconds.
Display Name	The name of this Body Worn device, as displayed on its DVR record.
Serial #	The Body Worn device's 10-digit serial number. The system obtains this number from the device during the first DVR-to-server communication.
Battery Level (%)	The percentage of battery power remaining on this Body Worn device. <ul style="list-style-type: none"> ▪ If the <i>Battery Level</i> bar is solid green, it indicates that the device is fully charged. ▪ If the <i>Battery Level</i> bar is partially yellow, it indicates that this device has 1 – 3 hours of recording time left. ▪ If the <i>Battery Level</i> bar is partially red, it indicates that this device has less than one hour of recording time left. In this case, you should leave the device in the docking station until the Battery Level % is either solid green (preferred) or at least yellow.
Free Space (%)	The percentage of storage space remaining on this Body Worn device. <ul style="list-style-type: none"> ▪ If the <i>Free Space</i> bar is solid green, it indicates that there is 100% recording time available on this device ▪ If the <i>Free Space</i> bar is partially red or yellow, it indicates that there is less than 100% recording time available on this device
Status	The current status of this Body Worn camera: <ul style="list-style-type: none"> ▪ <i>Idle</i>. The device's media files (video and snapshots) have finished uploading to the server.

Mobile Devices Tab (cont'd)	
Column	Description
Status	<ul style="list-style-type: none"> ▪ <i>Downloading</i>. The device is currently uploading media to the server ▪ <i>Upgrading</i>. The server is currently downloading a firm-ware update to the device.
Revision	The current firmware version loaded on this Body Worn device.
DVR Officer Name	The name of the officer to whom this Body Worn device is currently assigned. If No Name displays here, it indicates that this device is not assigned to anyone.

- To view *all* discovered Body Worn device records, including those devices that are not currently connected to the server, click the **Mobile Inventory** tab.

MOBILE DEVICES


mvadmin is logged in. [Logout](#)

- ▼ Home Menu
- Home
- Search Video
- Media Reader
- User Help
- ▼ Bookmarks
- L3 MVI
- Online Support
- ▶ User Preferences
- ▼ Administration
- System Setup
- System Status
- Update Server
- Assign Videos
- Manage DVRs
- Mobile Devices
- Manage Users
- Action

Mobile Devices
Mobile Inventory

Mobile Inventory

Page 1 of 1 (11 total records)

Display Name ▲	Serial #	Revision	DVR Officer Name	Last Comm Date	In/Out
10:37:30_3000000312	3000000312	1.7.71	No Name	03/06/2019	Out
10:37:30_3000000312_2011710499	2011710499	1.5.28	No Name	03/06/2019	In
BVXV-214	2011710614	1.5.28	No Name	03/06/2019	In
BWC0208	2081610515	1.5.29q	No Name	03/06/2019	In
BWC0220	2081610070	1.5.26p	No Name	03/06/2019	In
bwx251	3000000307	---	No Name	03/19/2018	Out
BWX-309	3000000309	1.7.63	No Name	03/06/2019	In
Davids Elektra 1374	3000001374	1.7.63	No Name	03/06/2019	In
Davids Elektra 1394	3000001394	1.7.63	No Name	03/06/2019	In
FBBW2_3000001275	3000001275	---	No Name	12/03/2018	Out
Maitland BV Unit	1214100011	---	No Name	01/16/2017	Out

These are all the Body Worn devices that have been in communication with the server at least once. If necessary, use the navigation arrows and/or search fields at the top of the form to scan the full list.

The columns on the **Mobile Inventory** tab are described in the table on the next page.

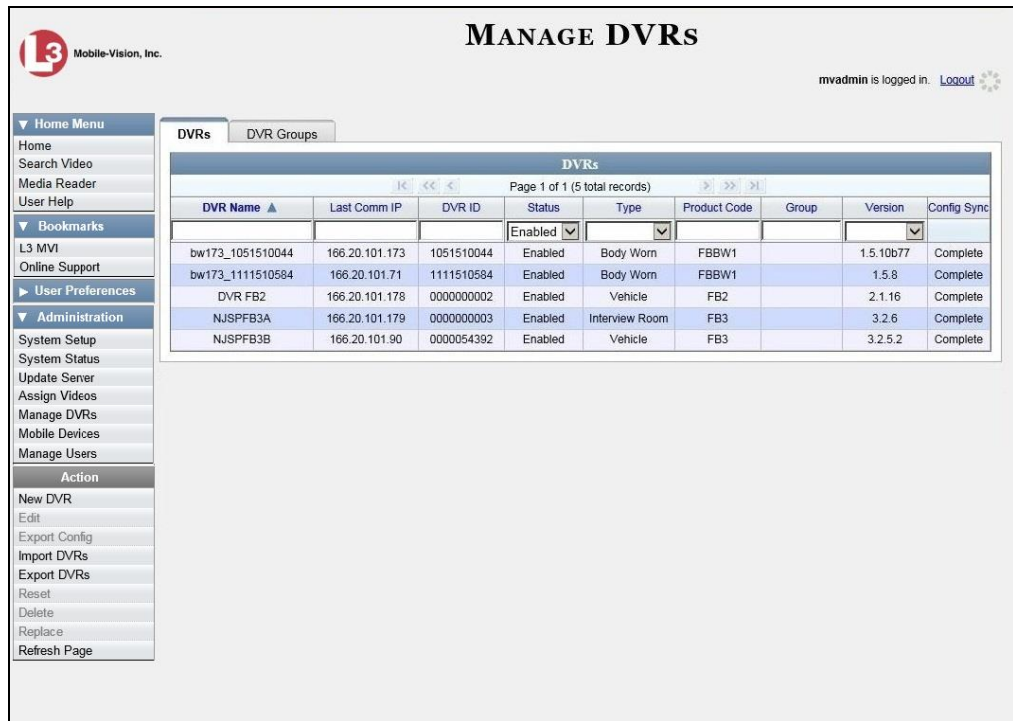
(Continued)

Mobile Inventory Tab	
Column	Description
Display Name	The name of this Body Worn device, as displayed on its DVR record.
Serial #	The Body Worn device's 10-digit serial number. The system obtains this number from the device during the first DVR-to-server communication.
Revision	The current firmware version loaded on this Body Worn device.
DVR Officer Name	The name of the officer to whom this Body Worn camera is currently assigned. If No Name displays here, it indicates that this Body Worn camera is not assigned to anyone.
Last Comm Date	The date and time of the most recent communication between this Body Worn camera and the server. Displays in mm/dd/yyyy hh:mm format.
In/Out	An indicator used to denote whether or not this Body Worn device is currently connected to the server via a docking station. <ul style="list-style-type: none">▪ <i>In</i>. The Body Worn device is connected to the server▪ <i>Out</i>. The Body Worn device is <i>not</i> connected to the server.

Replacing a Body Worn DVR

This section describes how to replace an existing BWX-100 or *BodyVISION* with a new device in DEV. Specifically, this procedure will assign the old DVR record's settings and videos to the new DVR record, then remove the old DVR record from the system.

- 1 Write down the serial number for both the old Body Worn camera and the new one. You can find this number on the sticker located on the back of each device.
- 2 Place the new Body Worn camera in an available docking station at your agency's Uplink Station. Once the camera connects to the server, the system will be able to discover the device on the network.
- 3 Go to [Administration](#) and click **Manage DVRs**. The Manage DVRs page displays.



MANAGE DVRs

mvadmin is logged in. [Logout](#)

DVRs | **DVR Groups**

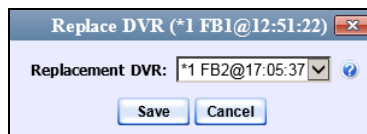
Page 1 of 1 (5 total records)

DVR Name ▲	Last Comm IP	DVR ID	Status	Type	Product Code	Group	Version	Config Sync
bw173_1051510044	166.20.101.173	1051510044	Enabled	Body Worn	FBBW1		1.5.10b77	Complete
bw173_1111510584	166.20.101.71	1111510584	Enabled	Body Worn	FBBW1		1.5.8	Complete
DVR FB2	166.20.101.178	0000000002	Enabled	Vehicle	FB2		2.1.16	Complete
NJSPFB3A	166.20.101.179	0000000003	Enabled	Interview Room	FB3		3.2.6	Complete
NJSPFB3B	166.20.101.90	0000054392	Enabled	Vehicle	FB3		3.2.5.2	Complete

Action

- New DVR
- Edit
- Export Config
- Import DVRs
- Export DVRs
- Reset
- Delete
- Replace
- Refresh Page

- 4 Enter the serial number for the *old* DVR record in the *DVR ID* field. The associated DVR record displays.
- 5 Click on the old DVR’s record to highlight it.
- 6 Go to the **Action** column and click **Replace**. The Replace DVR popup displays.



- 7 Using the drop-down list provided, select the name of the *new* Body Worn camera. To identify this record, look for the letters **FBBW1** (for *BodyVISIONs*) or **BWX-100** (for *BWX-100s*), followed by the new device’s serial number.
- 8 Click **Save**. The system assigns the old DVR record’s settings and videos to the new DVR record, then removes the old DVR record from the system.

Resolving Naming Conflicts

Whenever a DVR transmits video to the server for the first time, the system checks all existing DVR records for possible duplicates. If it finds another DVR on the system that has the same exact name but a different serial number, it does two things. First, it gives the newly discovered DVR a suffix of @[DVR serial number]. Secondly, the system sends a message to the Administrators' *Inbox Messages* list, indicating that there is a potential naming conflict.





Message Board				
My Messages All Messages				
Inbox Messages				
Page 1 of 1 (3 total records)				
Date	State	Message Text	Actions	
09/23/2016 09:17	Incoming	A newly discovered DVR with SN: 0000000003 was inserted and renamed to 'dvr169_0000000003' due to a DVR naming conflict.		
09/23/2016 08:13	Incoming	A newly discovered DVR: 'dvr169_0000000002' with SN: 0000000002 was inserted with no group assignment.		
09/23/2016 08:13	Completed	New DVR was discovered and added to your server.		

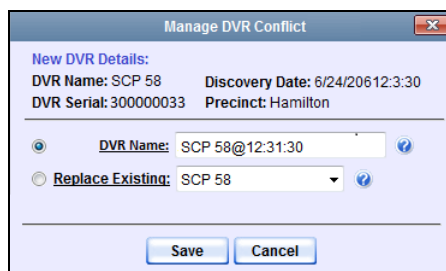
Sent Messages				
Page 1 of 1 (0 total records)				
Date	State	Message Text	Actions	

When you see this message, follow the procedure described in this section to resolve the naming conflict.




NOTE: The *naming conflict* message does not necessarily mean that something is wrong. For example, any time you replace a damaged DVR or decommission an older DVR, it makes sense that you would assign the replacement DVR the same name as the old one. The system only prompts you with the *naming conflicts* message to *verify* that the duplicate DVR is, indeed, an intentional replacement for an existing DVR, rather than a naming error.


- 1 Make sure the **Home** page displays. (If necessary, go to  and click **Home**.)
- 2 Locate the DVR naming conflict message on your *Inbox Messages* list, as pictured above.
- 3 Click the  icon to the right of the naming conflict message. The Manage DVR Conflict form displays.



Manage DVR Conflict

New DVR Details:
DVR Name: SCP 58 Discovery Date: 6/24/2016 12:31:30
DVR Serial: 300000033 Precinct: Hamilton

DVR Name: SCP 58@12:31:30 

Replace Existing: SCP 58 

- 4 Determine whether or not the newly discovered DVR is a *replacement* for an existing DVR in the system. For example, if one of your DVRs—SPC 58—was destroyed in a car accident and you had to purchase a new DVR to put in that vehicle—SCP 58@

000000016—that would be considered a *replacement*. Also, if you recently upgraded from a Flashback2—DVR SCP 58—to a FlashbackHD—SCP 58@000000029—that would also be considered a *replacement*. However, if you purchased a DVR for a brand new vehicle but accidentally gave it the same name as an existing DVR, that would *not* be considered a replacement.

- 5 If the newly discovered DVR is a *replacement* for an existing DVR, select the *Replace Existing* radio button. Proceed to the next step.

– OR –

If the newly discovered DVR is *not* a replacement for an existing DVR (i.e., you gave the new DVR the same name as an existing DVR in error), enter a new name in the *DVR Name* field. Skip to step 8.

- 6 If the newly discovered DVR is a replacement for the DVR displayed in the *Replace Existing* field, proceed to the next step.

– OR –

If the newly discovered DVR is a replacement for a *different* DVR, select the appropriate DVR from the *Replace Existing* drop-down list.

- 7 Click **Save**. If you chose the *replacement* option, several actions will occur automatically:

- All videos that were previously assigned to the original DVR will be reassigned to the replacement DVR.
- The auto-created DVR NAME@[DVR serial number] record will be deleted from the system

The naming conflict message will be removed from the Administrators' *Inbox Messages* list.

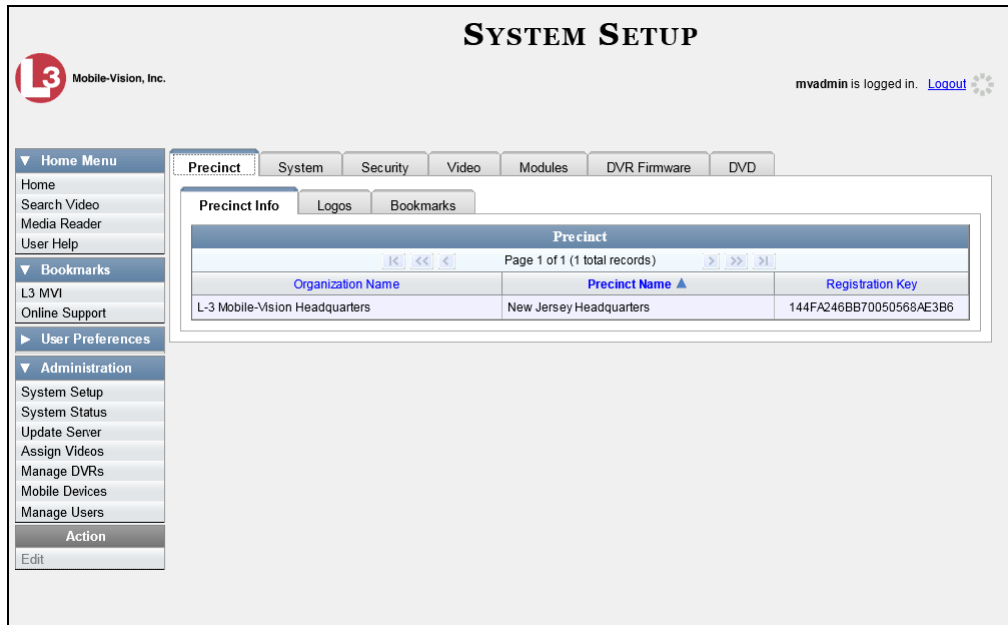
Disabling/Enabling Mobile App Pairing for BWX-100s

There is an L3 Mobile-Vision app called “LEC Mobile.” This app is used to view BWX-100 videos from a smart phone or tablet in the field. This section describes how to disable or re-enable the pairing function between LEC Mobile and your BWX-100 cameras.

When the *Disable Mobile App Paring* feature is *selected*, none of your agency's BWX-100 Body Worn cameras will have the ability to communicate with the LEC Mobile app. When the *Mobile App Paring* feature is *deselected* (default), all of your agency's BWX-100 cameras will have the ability to communicate with LEC Mobile.

- 1 Go to  and click **System Setup**. The System Setup page displays.

(Continued)



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

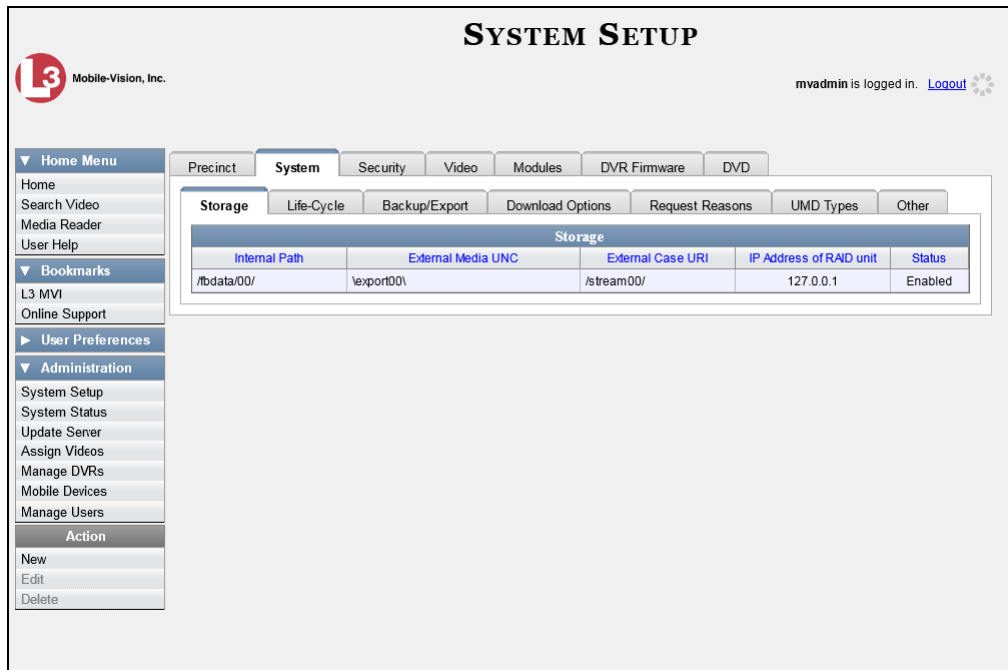
Action: Edit

System Setup Tabs: Precinct (selected), System, Security, Video, Modules, DVR Firmware, DVD

Precinct Info Tabs: Logos, Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

2 Click the **System** tab.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

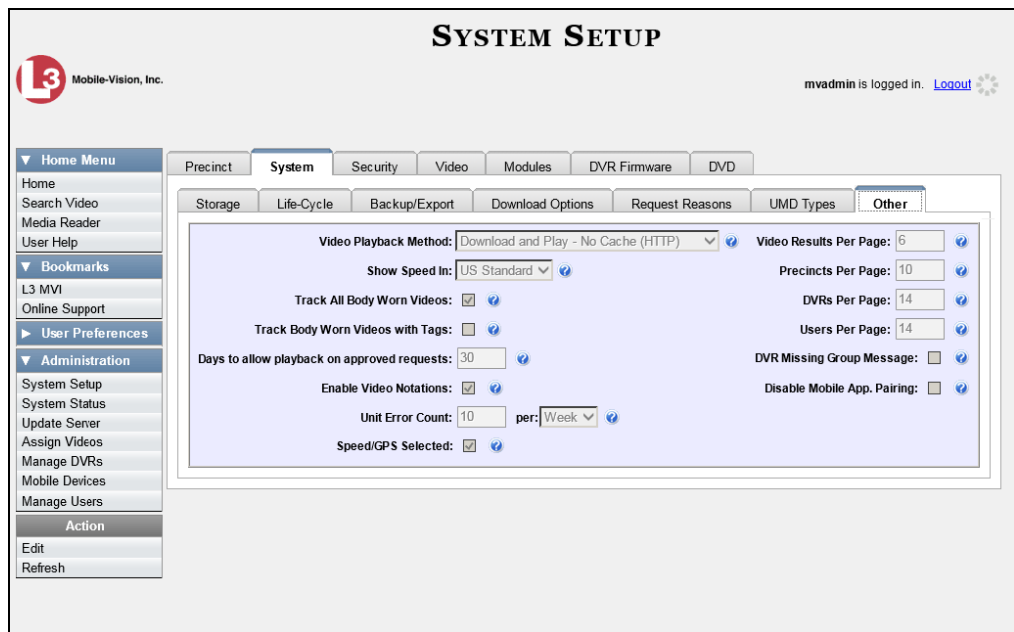
Action: New, Edit, Delete

System Setup Tabs: Precinct, System (selected), Security, Video, Modules, DVR Firmware, DVD

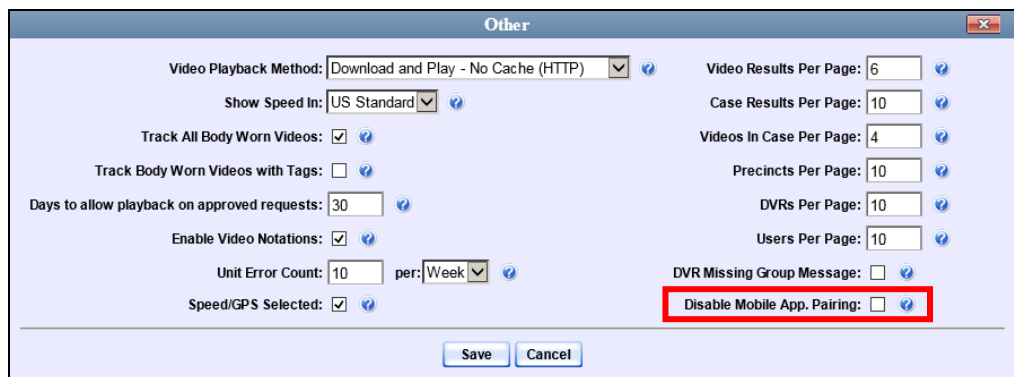
System Storage Tabs: Storage (selected), Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, Other

Internal Path	External Media UNC	External Case URI	IP Address of RAD unit	Status
/bdata/00/	\export00\	/stream00/	127.0.0.1	Enabled

3 Click the **Other** tab.



4 Go to the **Action** column and click **Edit**. The Other popup displays.



5 To prevent your BWX-100 cameras from pairing with the LEC Mobile app, select the *DVR Missing Group Message* checkbox, located in the lower right corner of the popup.

– OR –

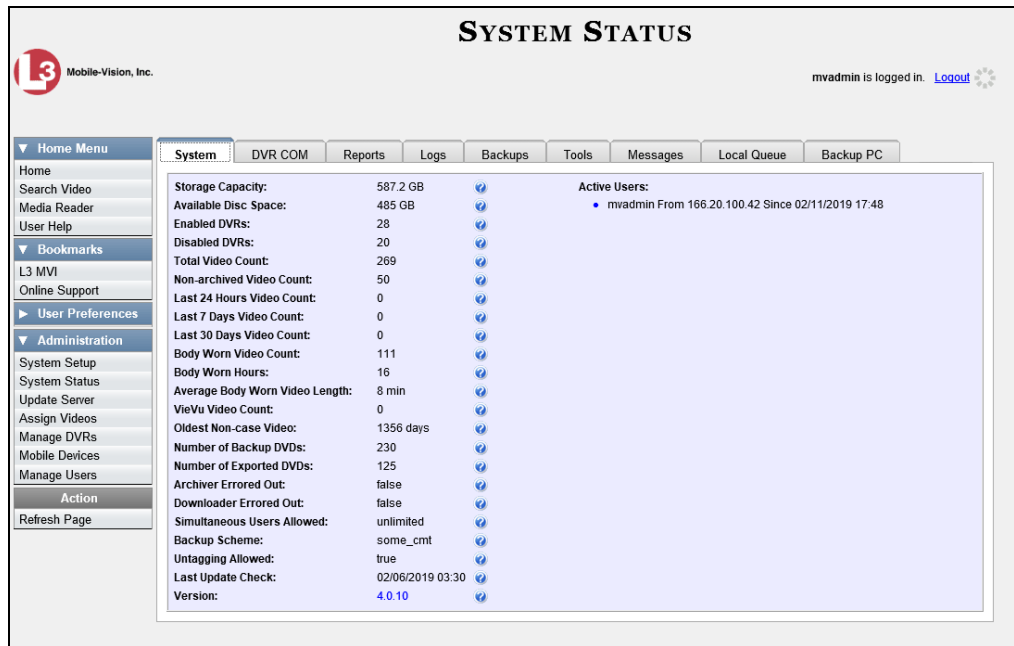
To allow your BWX-100 cameras to pair with the LEC Mobile app, deselect the *DVR Missing Group Message* checkbox.

6 Click **Save**.

Viewing the DVRs' Status List

This section describes how to view information on your DVRs' most recent download to the server PC.

- 1 Go to **Administration** and click **System Status**. The System Status page displays.



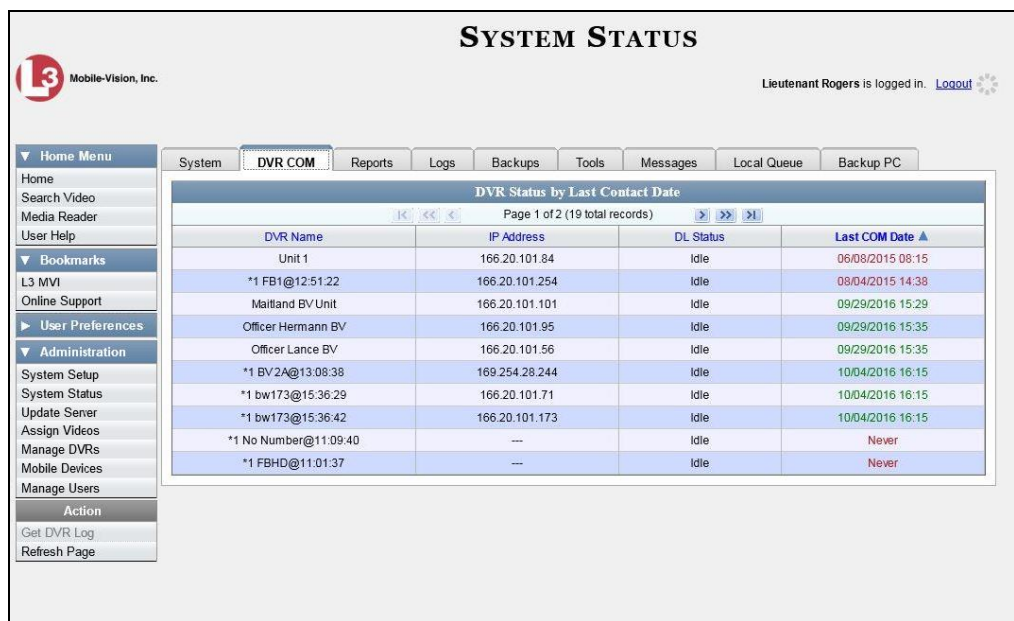
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB	✓	Active Users:	
Available Disc Space:	485 GB	✓	• mvadmin From 166.20.100.42 Since 02/11/2019 17:48	
Enabled DVRs:	28	✓		
Disabled DVRs:	20	✓		
Total Video Count:	269	✓		
Non-archived Video Count:	50	✓		
Last 24 Hours Video Count:	0	✓		
Last 7 Days Video Count:	0	✓		
Last 30 Days Video Count:	0	✓		
Body Worn Video Count:	111	✓		
Body Worn Hours:	16	✓		
Average Body Worn Video Length:	8 min	✓		
VieVu Video Count:	0	✓		
Oldest Non-case Video:	1356 days	✓		
Number of Backup DVDs:	230	✓		
Number of Exported DVDs:	125	✓		
Archiver Errored Out:	false	✓		
Downloader Errored Out:	false	✓		
Simultaneous Users Allowed:	unlimited	✓		
Backup Scheme:	some_cmt	✓		
Untagging Allowed:	true	✓		
Last Update Check:	02/06/2019 03:30	✓		
Version:	4.0.10	✓		

- 2 Click the **DVR COM** tab. The download status of each of your DVRs displays.



SYSTEM STATUS

Mobile-Vision, Inc. Lieutenant Rogers is logged in. [Logout](#)

System | **DVR COM** | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

DVR Status by Last Contact Date

Page 1 of 2 (19 total records)

DVR Name	IP Address	DL Status	Last COM Date ▲
Unit 1	166.20.101.84	Idle	06/08/2015 08:15
*1 FB1@12:51:22	166.20.101.254	Idle	08/04/2015 14:38
Maitland BV Unit	166.20.101.101	Idle	09/29/2016 15:29
Officer Hermann BV	166.20.101.95	Idle	09/29/2016 15:35
Officer Lance BV	166.20.101.56	Idle	09/29/2016 15:35
*1 BV2A@13:08:38	169.254.28.244	Idle	10/04/2016 16:15
*1 bw173@15:36:29	166.20.101.71	Idle	10/04/2016 16:15
*1 bw173@15:36:42	166.20.101.173	Idle	10/04/2016 16:15
*1 No Number@11:09:40	---	Idle	Never
*1 FBHD@11:01:37	---	Idle	Never

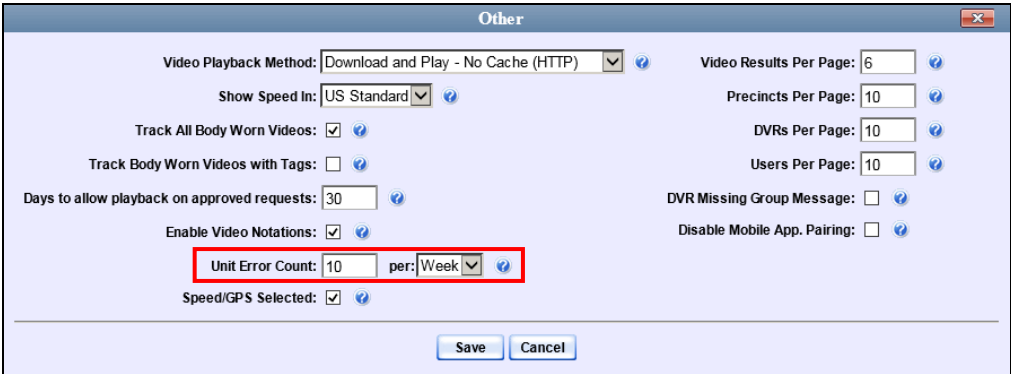
The columns on the **DVR COM** tab are described below.

DVR Status by Last Contact Date	
Column	Description
DVR Name	The name of the DVR. If a DVR name is followed by @[DVR serial number], it indicates that the DVR has an unresolved naming conflict. For more information, see “Resolving Naming Conflicts” on page 301.
IP Address	The IP Address for this DVR. An IP Address is a numerical label that identifies the DVR to the network.
DL Status (To update status, click Refresh Page)	The current download status for this DVR, which updates after you click Refresh Page : <ul style="list-style-type: none"> ▪ <i>Idle</i>. Download is not currently in progress. ▪ <i>Downloading</i>. Download is currently in progress.
Last COM Date	The date and time at which the last communication occurred between this DVR and the server. Displays in mm/dd/yyyy hh:mm format. If this DVR has not communicated with the server for 48 hours or longer, this field will display in red.

To view more detailed information on a particular transmission, see the next section, “Viewing the DVR Downloader Log,” beginning with step 3.

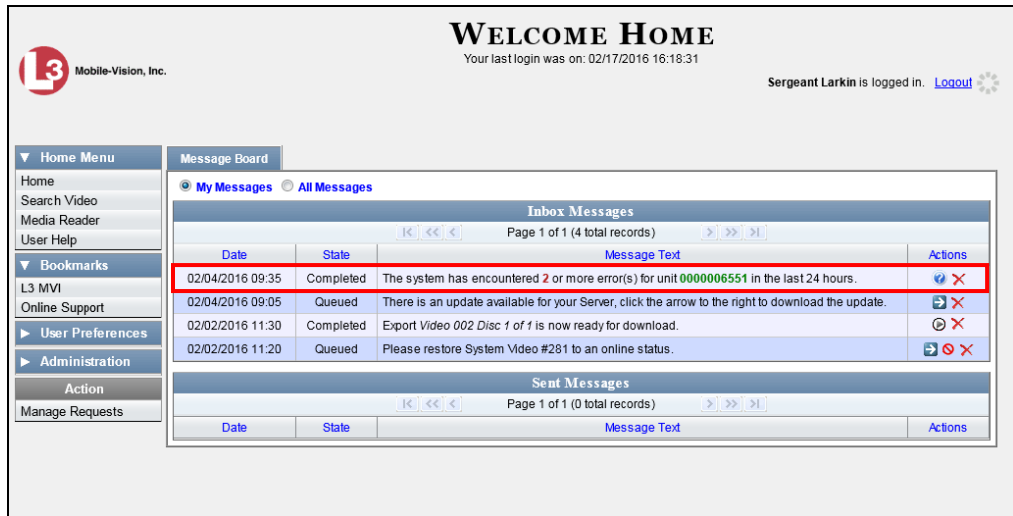
Turning the DVR Error Notification Feature On/Off

If desired, you can choose to have the system automatically notify you whenever one of your DVRs generates X number of “problem” videos per day or week, where X is equal to the value of the *Unit Error Count* field on the **Other** tab.



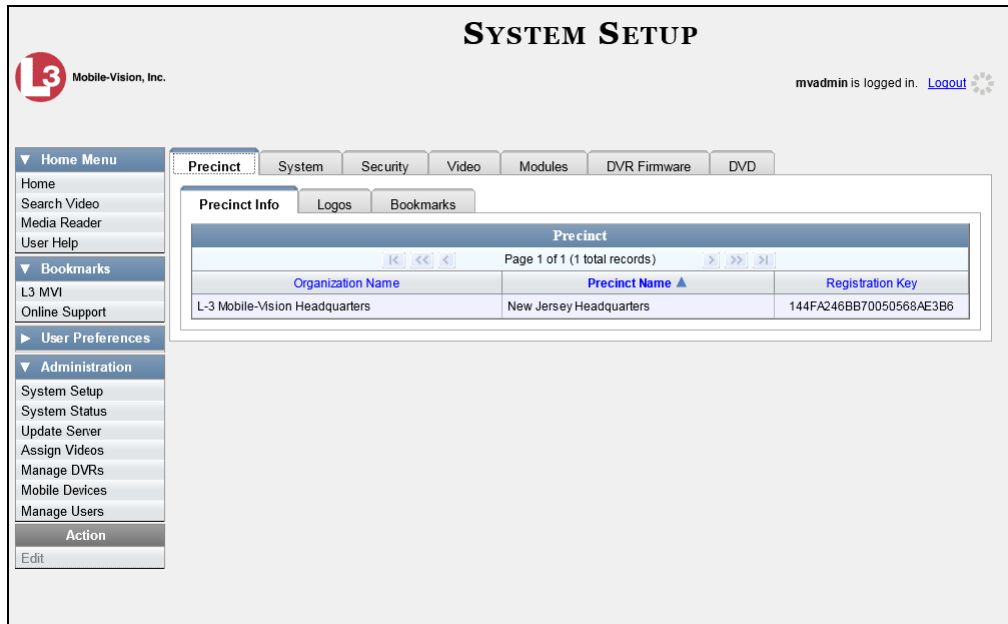
The screenshot shows the 'Other' configuration window with various settings. The 'Unit Error Count' field is set to 10 and the 'per' dropdown is set to 'Week'. The field is highlighted with a red box. Other settings include 'Video Playback Method' set to 'Download and Play - No Cache (HTTP)', 'Show Speed In' set to 'US Standard', 'Track All Body Worn Videos' checked, 'Track Body Worn Videos with Tags' unchecked, 'Days to allow playback on approved requests' set to 30, 'Enable Video Notations' checked, 'Speed/GPS Selected' checked, 'Video Results Per Page' set to 6, 'Precincts Per Page' set to 10, 'DVRs Per Page' set to 10, 'Users Per Page' set to 10, 'DVR Missing Group Message' unchecked, and 'Disable Mobile App. Pairing' unchecked. 'Save' and 'Cancel' buttons are at the bottom.

In the example above, if any of your agency’s DVRs generate 10 problem videos within a one-week period, the system will automatically display a notification message on the *Inbox Messages* list of all users who have the *Authorize Media Playback* permission.

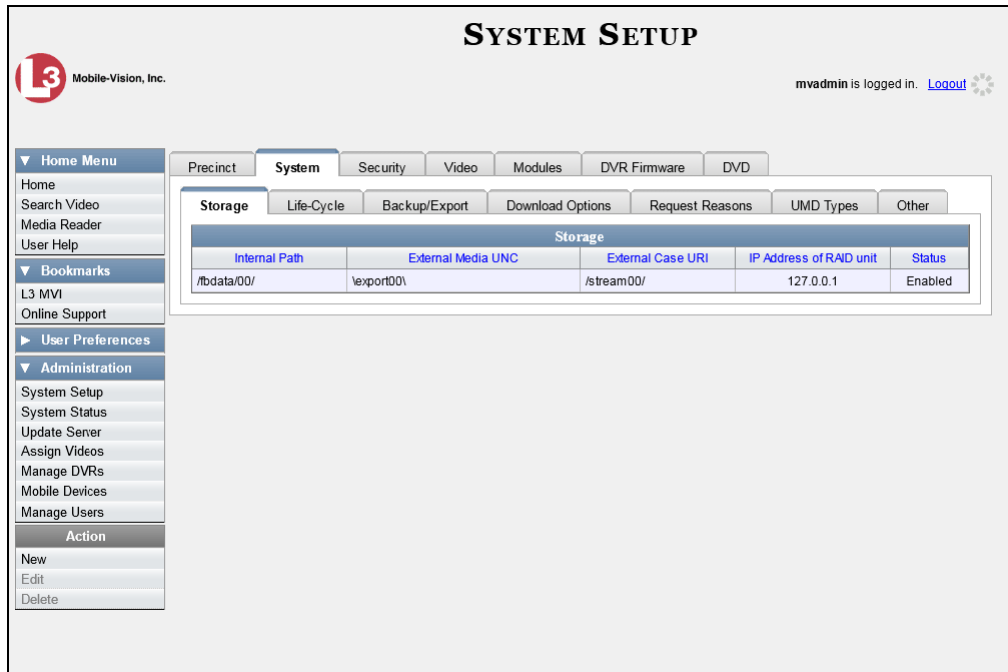


This section describes how to turn this DVR error notification feature *on* or *off*.

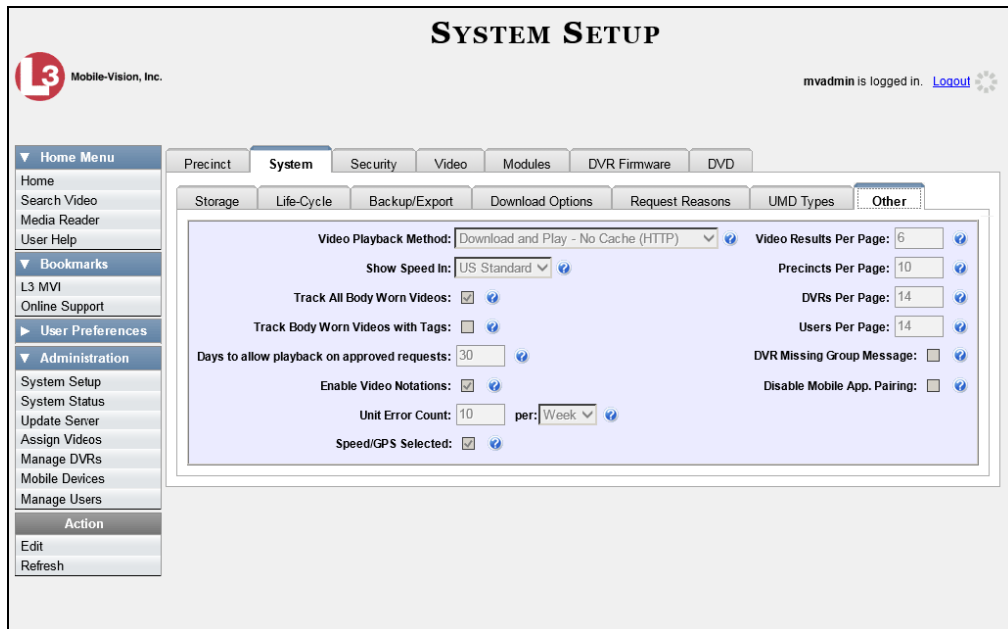
- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



- 2 Click the **System** tab.

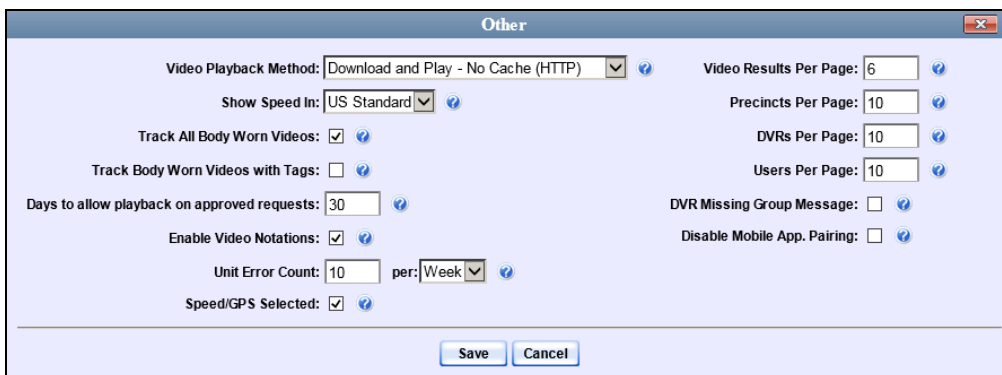


3 Click the **Other** tab.




4 Go to the **Action** column and click **Edit**. The Other popup displays.

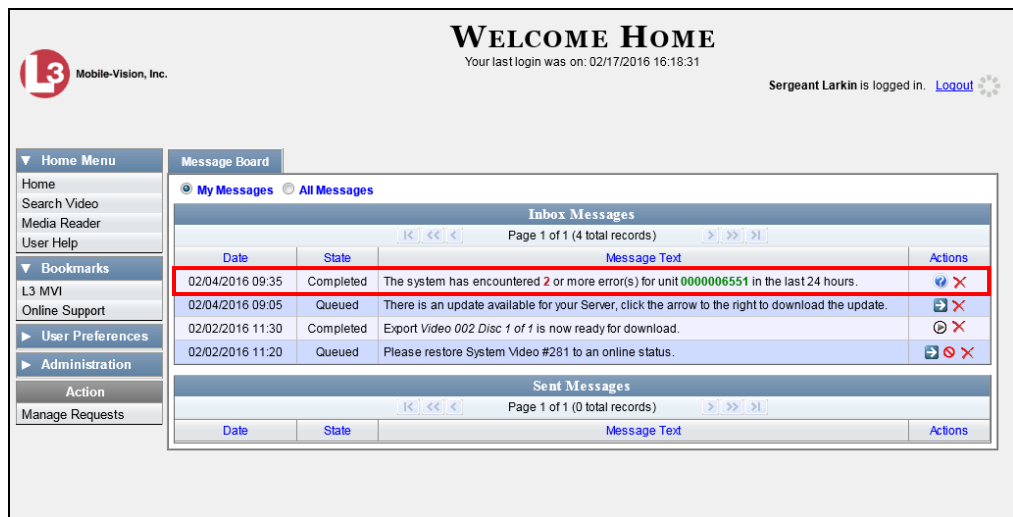
(Continued)



- 5 Go to the *Unit Error Count* field and enter the number of DVR errors that should occur each day or week before the system sends a notification message to the appropriate users (i.e., all users who have the *Authorize Media Playback* permission). If you no longer wish to receive notification messages, change this number to zero).
- 6 If you entered **0** in the *Unit Error Count* field, skip to step 8. Otherwise proceed to the next step.
- 7 Select the appropriate value from the *per* drop-down list (e.g., 10 errors per *day* or 10 errors per *week*).
- 8 Click **Save**.

Troubleshooting DVR Errors


If your agency has chosen to receive DVR error notifications, then when a particular DVR produces a predefined number of “problem” videos within a one day or one-week time period, a message will display on the *Inbox Messages* list of all users who have the *Authorize Media Playback* permission. For example, if you have the *Authorize Media Playback* permission and the *Unit Error Count* field on the *Other* popup looks like this: , then if a DVR generates 10 power failures in one 24-hour period, the system will automatically send a notification message to your *Inbox Messages* list.



The screenshot shows the Mobile-Vision web interface. At the top, it says 'WELCOME HOME' and 'Your last login was on: 02/17/2016 16:18:31'. The user 'Sergeant Larkin' is logged in. On the left is a navigation menu with options like Home, Search Video, Media Reader, User Help, Bookmarks, L3 MVI, Online Support, User Preferences, Administration, Action, and Manage Requests. The main area is titled 'Message Board' and shows 'Inbox Messages'. A table lists messages with columns for Date, State, Message Text, and Actions. The first message is highlighted in red: '02/04/2016 09:35 Completed The system has encountered 2 or more error(s) for unit 0000006551 in the last 24 hours.' Below it are two other messages about updates and video restoration. At the bottom, there is a 'Sent Messages' section which is currently empty.

Before you contact Mobile-Vision Support, we commend that you try and troubleshoot the problem yourself, as described below.



NOTE: The information below is also in the DES Online Help System, which you can access directly from the error message by clicking on the help icon .

- 1 Determine if the “problem” DVR is a Flashback, *BodyVISION*, or BWX-100. To do so, note the value of the device number, which is highlighted in green:
 - If the device number begins with multiple zeros, it is a *Flashback* device.
 - If the unit number begins with **1** or **2**, it is a *BodyVISION* device.
 - If the device number begins with **3**, it is a *BWX-100* device.

- 2 If the device is a *Flashback*, skip to step 7.
 - OR –
 - If the device is a *BodyVISION*, skip to step 5.
 - OR –
 - If the device is a BWX-100, proceed to the next step.

- 3 Verify that the BWX-100 has sufficient storage space and a sufficient battery charge, as described in the BWX-100 User’s Guide—See “Checking Remaining Record Time” and “Checking Remaining Batter Power.”

- 4 If you determine that the BWX-100 lacks sufficient storage space and/or a sufficient battery charge, immediately place it in your agency’s Uplink Station. The videos on the unit will automatically upload to the DEV server PC, creating more storage space. The device’s battery will also begin to charge. You’ll know that charging is complete when the word “CHARGED” displays on the LCD screen.
 - OR –
 - If you determine that the BWX-100 has both sufficient storage space and a sufficient

battery charge, contact your Mobile-Vision Support professional for assistance. To do so, call 800-336-8475 and select option **3** (Service), followed by option **1** (In-Car Components).

End of Procedure.

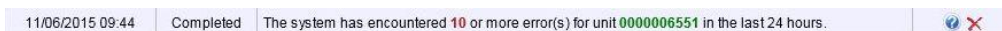
- 5 Verify that the *BodyVISION* has sufficient storage space and a sufficient battery charge, as described in the following sections:
 - BodyVISION* Battery Status Indicators, page 293
 - Checking the Record Time Left on Your *BodyVISION*, page 294
- 6 If you determine that the *BodyVISION* lacks sufficient storage space and/or a sufficient battery charge, immediately place it in your agency's Uplink Station. The videos on the unit will automatically upload to the DEV server PC, creating more storage space. The unit's battery will also begin to charge. You'll know that charging is complete when the battery indicator light is solid green.


– OR –

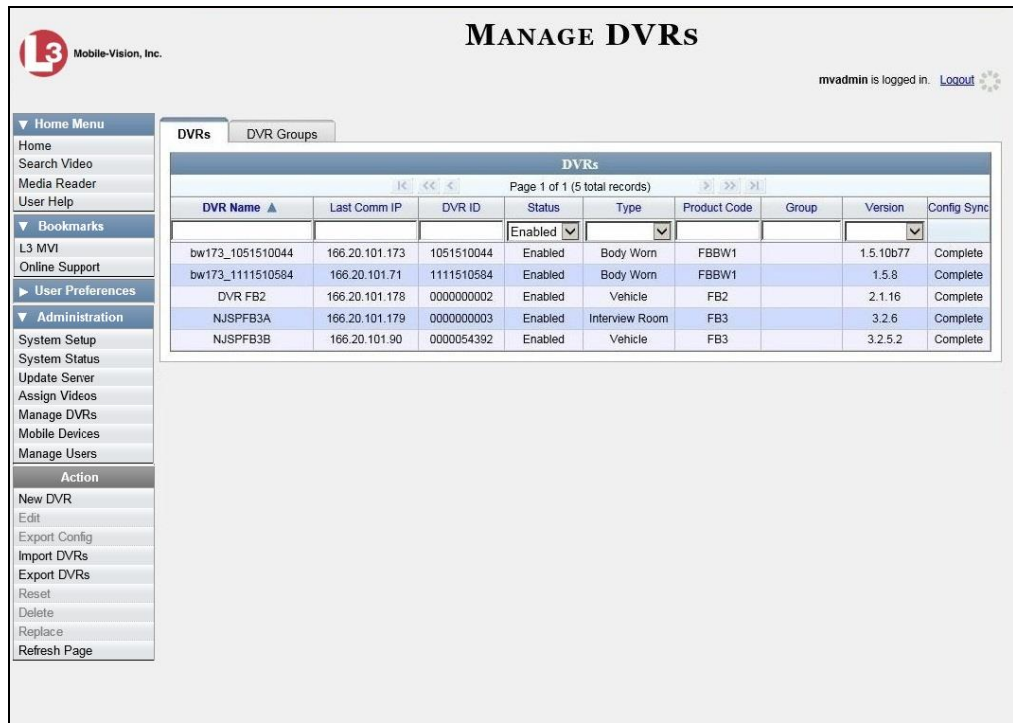
If you determine that the *BodyVISION* has both sufficient storage space and a sufficient battery charge, contact your Mobile-Vision Support professional for assistance. To do so, call 800-336-8475 and select option **3** (Service), followed by option **1** (In-Car Components).

End of Procedure.

- 7 Proceed to the error message on your *Inbox Messages* list.



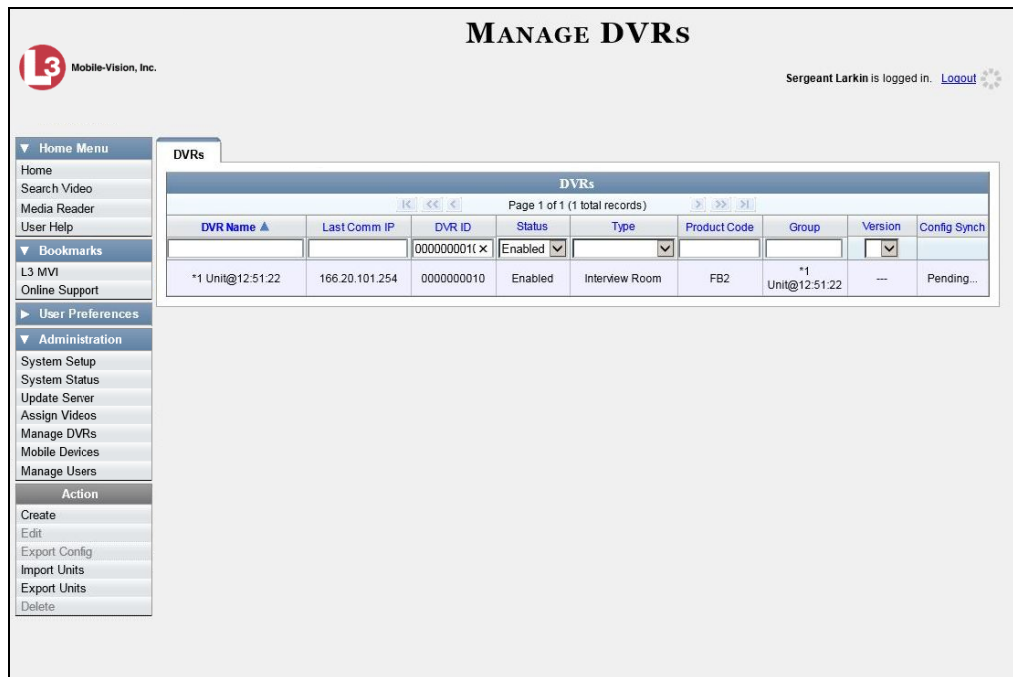
- 8 Highlight the green unit number and press **Ctrl + C** to copy it to your clipboard.
- 9 Go to  **Administration** and click **Manage DVRs**. The Manage DVRs page displays.



The screenshot shows the 'MANAGE DVRs' interface with a list of DVRs. The table contains the following data:

DVR Name ▲	Last Comm IP	DVR ID	Status	Type	Product Code	Group	Version	Config Sync
bw173_1051510044	166.20.101.173	1051510044	Enabled	Body Worn	FBBW1		1.5.10b77	Complete
bw173_1111510584	166.20.101.71	1111510584	Enabled	Body Worn	FBBW1		1.5.8	Complete
DVR FB2	166.20.101.178	0000000002	Enabled	Vehicle	FB2		2.1.16	Complete
NJSPFB3A	166.20.101.179	0000000003	Enabled	Interview Room	FB3		3.2.6	Complete
NJSPFB3B	166.20.101.90	0000054392	Enabled	Vehicle	FB3		3.2.5.2	Complete

- Position your cursor in the *DVR ID* field and press **Ctrl + V** to insert the unit number you copied from the error message. The record for the “problem” DVR displays.

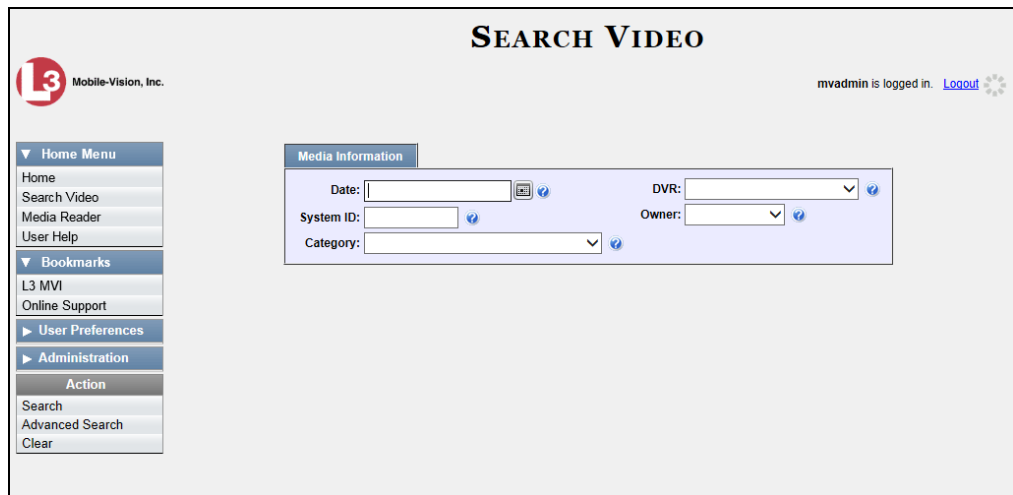


The screenshot shows the 'MANAGE DVRs' interface with a single record displayed. The table contains the following data:

DVR Name ▲	Last Comm IP	DVR ID	Status	Type	Product Code	Group	Version	Config Sync
*1 Unit@12:51:22	166.20.101.254	0000000010	Enabled	Interview Room	FB2	*1 Unit@12:51:22	---	Pending...

- Write down the values in the *DVR Name* and *Product Code* columns. This information will help you select the appropriate troubleshooting procedures later.

- Go to **Home Menu** and click **Search Video**. The Search Video page displays.



- Select the unit's DVR name from the *DVR* drop-down list (i.e., the DVR Name that you jotted down earlier).
- Go to the **Action** column and click **Search**. All videos that were recorded by the "problem" DVR display.



- Look in the *Category* column to determine if any of the videos share a common *system-assigned* video category (see table on the next page):
 - ⇒ If any of the videos share one of the system-assigned categories listed in the table on the next page, proceed to step 16.

⇒ If any of the videos do *not* share one of the system-assigned categories listed in the table below, contact Mobile-Vision Technical Support for assistance. **End of Procedure.**

Common System-Assigned Categories	
Category	Description
Background Mode	A Flashback recording session occurred when the Background Mode option was set to ON. When Background Mode is ON, it means that the Flashback DVR records continuously whenever the vehicle's ignition is on, and for X, where X = the Ignition Timer setting.
Power Failure	A Flashback recording session was interrupted after a power failure occurred.
Interrupted Recording	A recording session was interrupted because the SD card (Flashback3/Flashback HD) or CF card (Flashback2) was full.
Corrupt QBX	The system detected a possible file corruption in a Flashback2, Flashback3, or FlashbackHD video.

16 Download the appropriate troubleshooting guide from the Mobile-Vision Online Support Center:

- Flashback3 & FlashbackHD Troubleshooting Guide
- Flashback2 Troubleshooting Guide



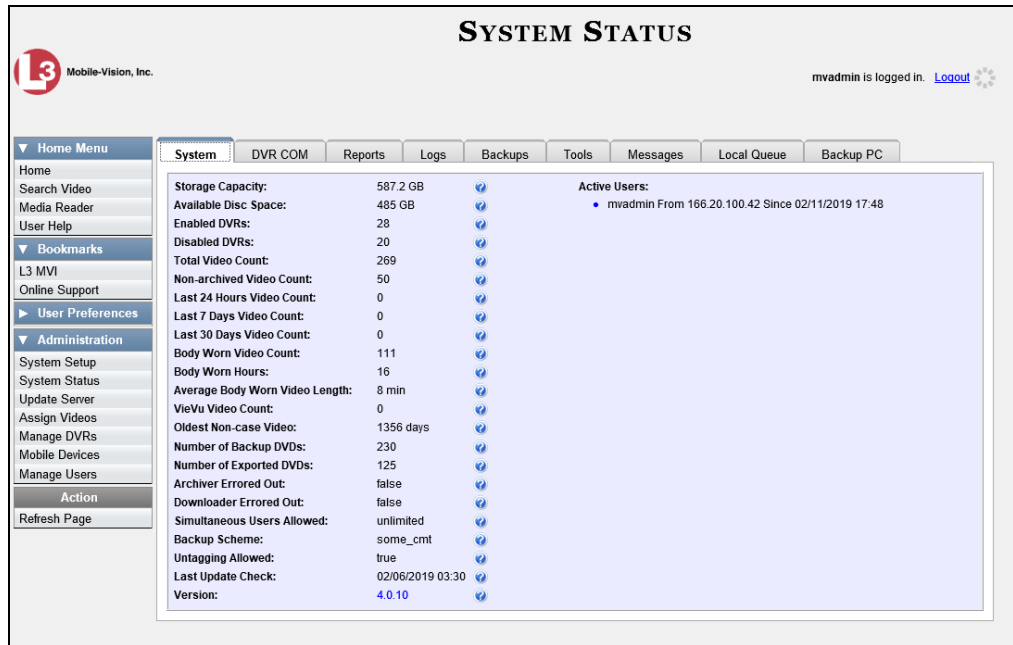
NOTE: If you're not sure if the DVR is a Flashback2, Flashback3, or FlashbackHD, look at the Product Code that you jotted down earlier. Flashback2s have a product code of **FB2**, Flashback3s have a product code of **FB3**, and FlashbackHDs have a product code of **FBHD**.

17 Once you've downloaded the appropriate troubleshooting guide, review the section(s) that relate to the video category(ies) you saw. For example, if some of the videos had a category of "Power Failure", review the section titled "Power and Boot Problems."

Viewing the DVR Downloader Log

This section describes how to view the DVR Downloader Log. This log contains detailed information on each video transmitted to the server PC during a DVR's most recent download.

- Go to **Administration** and click **System Status**. The System Status page displays.



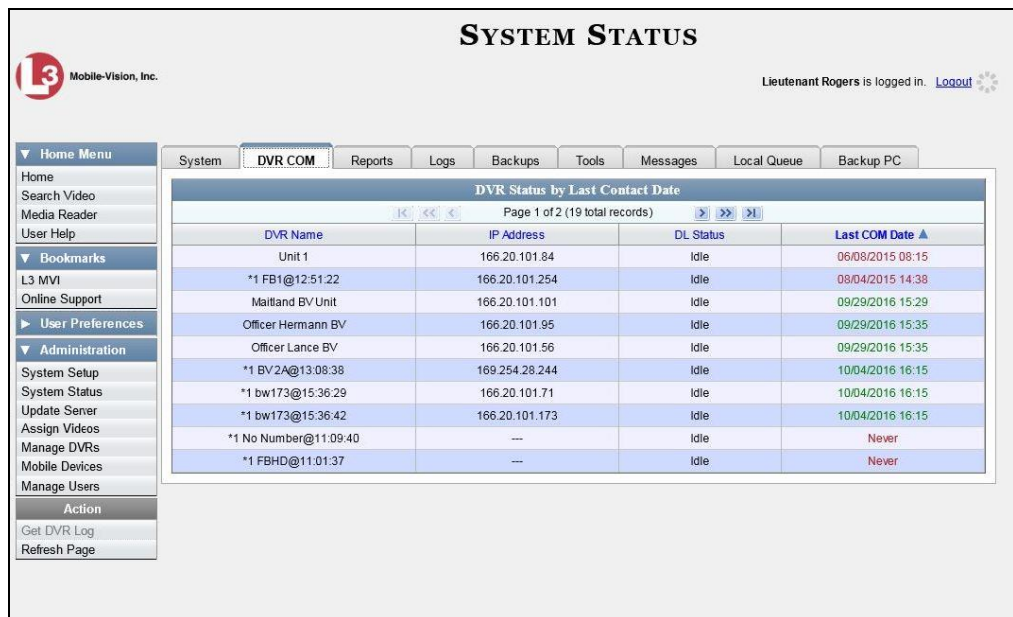
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB	✓	Active Users:
Available Disc Space:	485 GB	✓	
Enabled DVRs:	28	✓	
Disabled DVRs:	20	✓	
Total Video Count:	269	✓	
Non-archived Video Count:	50	✓	
Last 24 Hours Video Count:	0	✓	
Last 7 Days Video Count:	0	✓	
Last 30 Days Video Count:	0	✓	
Body Worn Video Count:	111	✓	
Body Worn Hours:	16	✓	
Average Body Worn Video Length:	8 min	✓	
VieVu Video Count:	0	✓	
Oldest Non-case Video:	1356 days	✓	
Number of Backup DVDs:	230	✓	
Number of Exported DVDs:	125	✓	
Archiver Errored Out:	false	✓	
Downloader Errored Out:	false	✓	
Simultaneous Users Allowed:	unlimited	✓	
Backup Scheme:	some_cmt	✓	
Untagging Allowed:	true	✓	
Last Update Check:	02/06/2019 03:30	✓	
Version:	4.0.10	✓	

- Click the **DVR COM** tab. The status of each of your DVRs displays.



SYSTEM STATUS

Mobile-Vision, Inc. Lieutenant Rogers is logged in. [Logout](#)

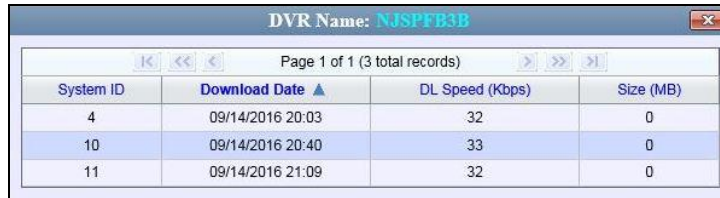
System | **DVR COM** | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

DVR Status by Last Contact Date

Page 1 of 2 (19 total records)

DVR Name	IP Address	DL Status	Last COM Date
Unit 1	166.20.101.84	Idle	06/08/2015 08:15
*1 FB1@12:51:22	166.20.101.254	Idle	08/04/2015 14:38
Maitland BV Unit	166.20.101.101	Idle	09/29/2016 15:29
Officer Hermann BV	166.20.101.95	Idle	09/29/2016 15:35
Officer Lance BV	166.20.101.56	Idle	09/29/2016 15:35
*1 BV2A@13:08:38	169.254.28.244	Idle	10/04/2016 16:15
*1 bw173@15:36:29	166.20.101.71	Idle	10/04/2016 16:15
*1 bw173@15:36:42	166.20.101.173	Idle	10/04/2016 16:15
*1 No Number@11:09:40	---	Idle	Never
*1 FBHD@11:01:37	---	Idle	Never


- Click on the DVR record for which you wish to view a log.
- Go to the **Action** column and click **Get DVR Log**. The DVR Log popup displays.



System ID	Download Date ▲	DL Speed (Kbps)	Size (MB)
4	09/14/2016 20:03	32	0
10	09/14/2016 20:40	33	0
11	09/14/2016 21:09	32	0

The columns on this popup are described below.

DVR Name: XYZ	
Column	Description
System ID	The system-assigned video identification number for each video clip included in this download.
Download Date	The date and time at which this video clip was transmitted to the server. Displays in mm/dd/yyyy hh:mm format.
DL Speed (Kbps)	The download speed for this video clip, in kilobits per second.
Size (MB)	The size of this video clip, in megabytes.

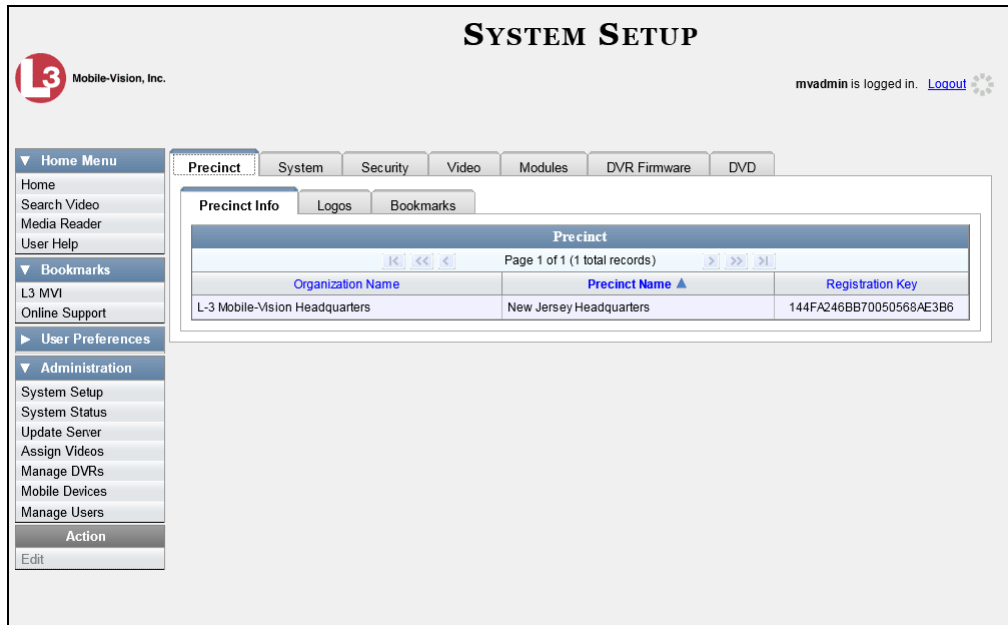
- When you are finished viewing the DVR Log, click the  in the upper right corner of the popup.

Disabling/Enabling Your DVRs

This section describes how to disable or enable your Flashback and/or Body Worn DVRs. When you disable a type of DVRs, those DVRs will no longer be able to communicate with the server.

- Go to **Administration** and click **System Setup**. The System Setup page displays.

(Continued)



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

▶ User Preferences

▼ Administration
System Setup
System Status
Update Sener
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

Action
Edit

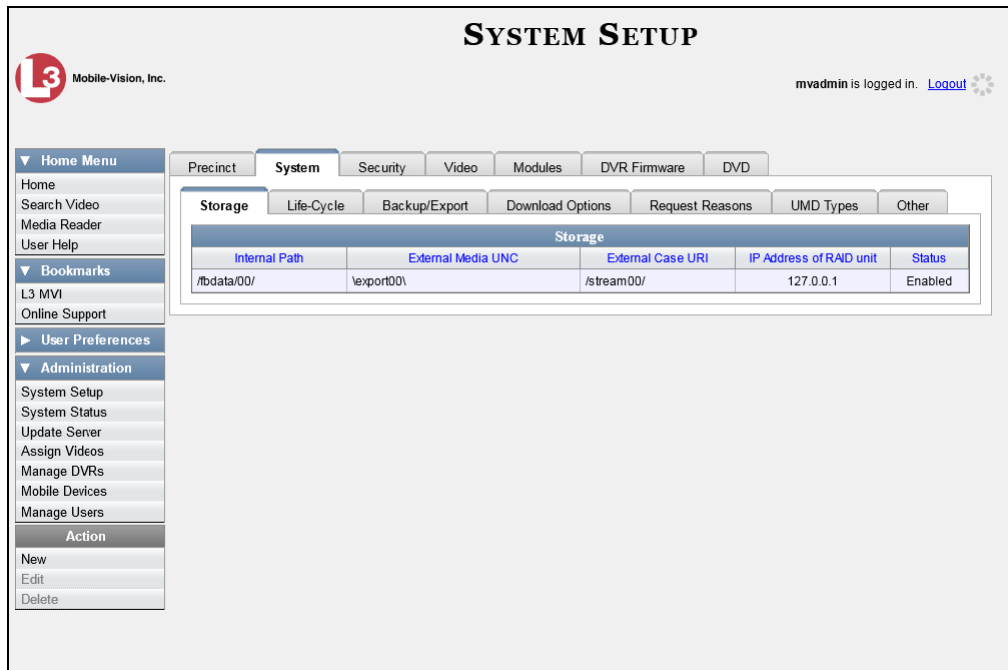
Precinct System Security Video Modules DVR Firmware DVD

Precinct Info Logos Bookmarks

Precinct
Page 1 of 1 (1 total records)

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

2 Click the **System** tab.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

▶ User Preferences

▼ Administration
System Setup
System Status
Update Sener
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

Action
New
Edit
Delete

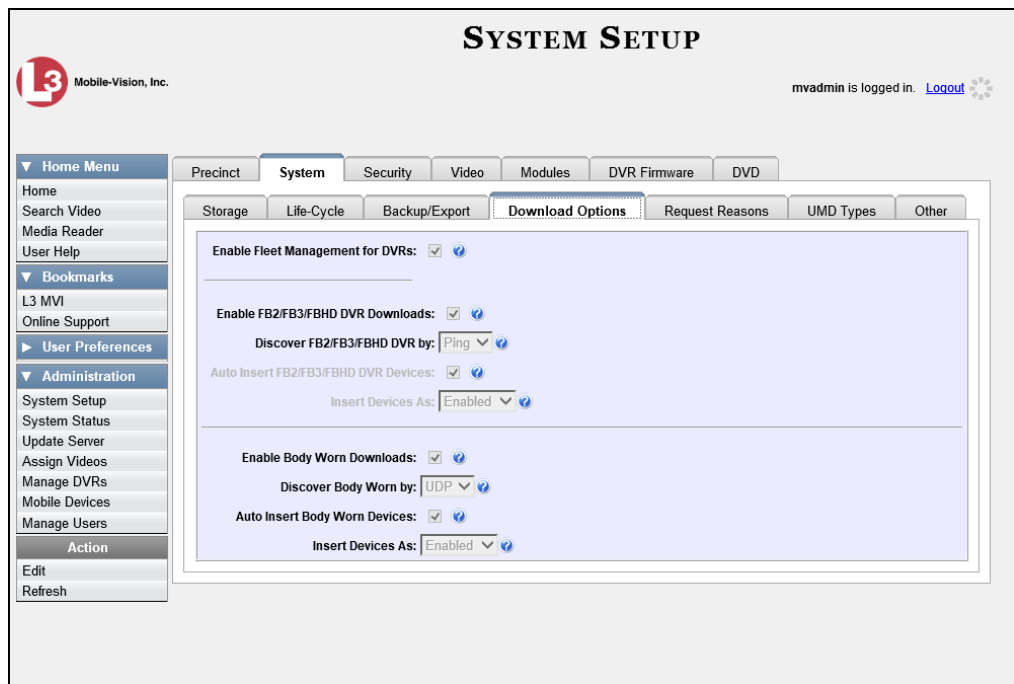
Precinct **System** Security Video Modules DVR Firmware DVD

Storage Life-Cycle Backup/Export Download Options Request Reasons UMD Types Other

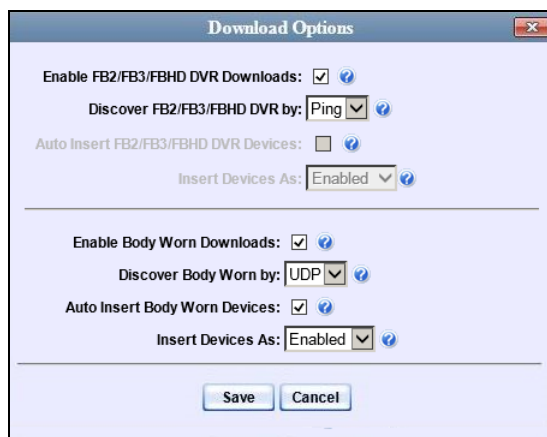
Storage

Internal Path	External Media UNC	External Case URI	IP Address of RAD unit	Status
/bdata/00/	\export00\	/stream00/	127.0.0.1	Enabled

3 Click the **Download Options** tab. The Download options display.



4 Go to the **Action** column and click **Edit**. The Download Options popup displays.



5 To enable/disable your Flashback2/3/HD devices, proceed to the next step. Otherwise skip to step 8.

6 To *enable* your Flashback2/3/HD devices, select the *Enable FB2/FB3/FBHD DVR Downloads* checkbox.

– OR –

To *disable* your Flashback2/3/HD devices, deselect the *Enable FB2/FB3/FBHD DVR Downloads* checkbox.

(Continued)

- 7 To enable/disable your Body Worn devices (includes both *BodyVISIONs* and *BWX-100s*), proceed to the next step. Otherwise skip to step 9.
- 8 To *enable* your Body Worn devices, select the *Enable Body Worn Downloads* checkbox.
– OR –
To *disable* your Body Worn devices, deselect the *Enable Body Worn Downloads* checkbox.
- 9 Click **Save**.

DVR Firmware

This section describes the procedures related to DVR firmware. Depending on your service agreement with Mobile-Vision, you may occasionally receive DVR firmware updates via the application. If you qualify for upgrades, the upgraded firmware files will automatically appear on the **DVR Firmware** tab within the application.

It's recommended that you upgrade your firmware from the server, either one at a time or en mass.

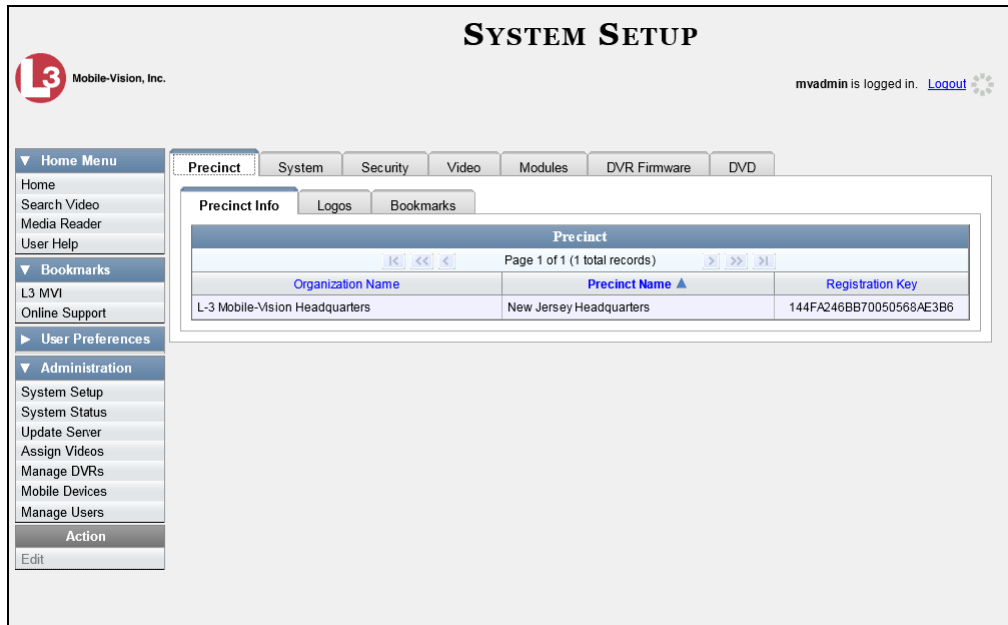
For specific instructions, see:

- Globally Updating Firmware for an Entire Fleet of DVRs, below
- Viewing/Printing Firmware Release Notes, page 332.

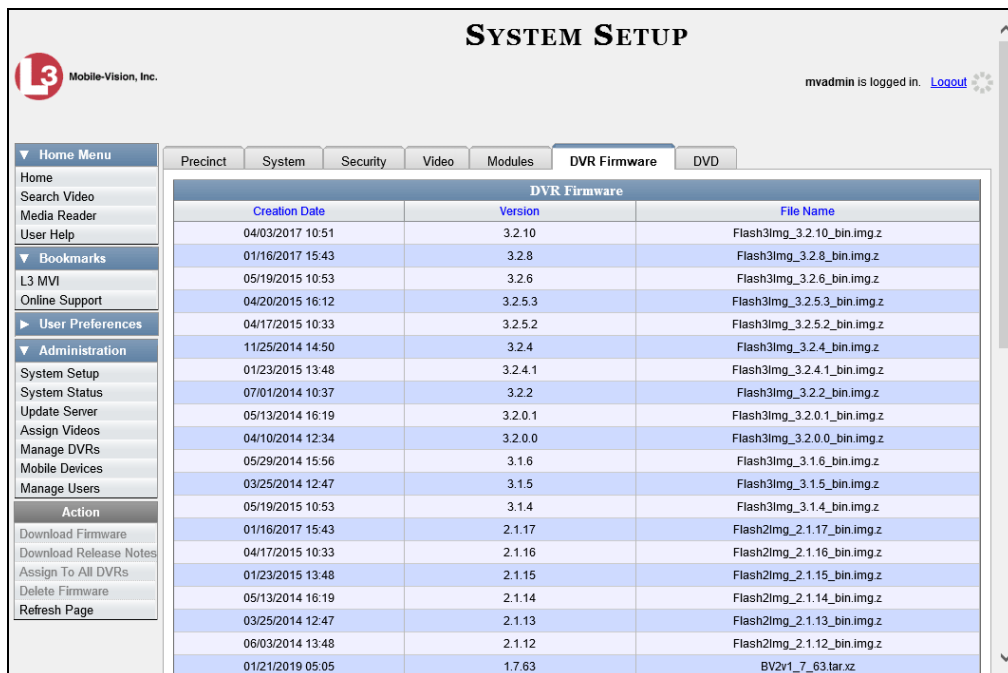
Globally Updating Firmware for an Entire Fleet of DVRs

This section describes how to update the firmware on all of your Flashback and/or Body Worn DVRs. This is the recommended method for updating your firmware. Perform this task whenever Mobile-Vision notifies you that there is a new firmware version available.

- 1 Go to  and click **System Setup**. The System Setup page displays.



- Click the **DVR Firmware** tab. A list of the current and past firmware versions displays.



- Click on the record at the top of the firmware list (i.e., the most recent firmware version).

(Continued)

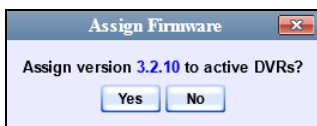
SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

[Home Menu](#) | [Precinct](#) | [System](#) | [Security](#) | [Video](#) | [Modules](#) | **[DVR Firmware](#)** | [DVD](#)

DVR Firmware		
Creation Date	Version	File Name
04/03/2017 10:51	3.2.10	Flash3lmg_3.2.10_bin.img.z
01/16/2017 15:43	3.2.8	Flash3lmg_3.2.8_bin.img.z
05/19/2015 10:53	3.2.6	Flash3lmg_3.2.6_bin.img.z
04/20/2015 16:12	3.2.5.3	Flash3lmg_3.2.5.3_bin.img.z
04/17/2015 10:33	3.2.5.2	Flash3lmg_3.2.5.2_bin.img.z
11/25/2014 14:50	3.2.4	Flash3lmg_3.2.4_bin.img.z
01/23/2015 13:48	3.2.4.1	Flash3lmg_3.2.4.1_bin.img.z
07/01/2014 10:37	3.2.2	Flash3lmg_3.2.2_bin.img.z
05/13/2014 16:19	3.2.0.1	Flash3lmg_3.2.0.1_bin.img.z
04/10/2014 12:34	3.2.0.0	Flash3lmg_3.2.0.0_bin.img.z
05/29/2014 15:56	3.1.6	Flash3lmg_3.1.6_bin.img.z
03/25/2014 12:47	3.1.5	Flash3lmg_3.1.5_bin.img.z
05/19/2015 10:53	3.1.4	Flash3lmg_3.1.4_bin.img.z
01/16/2017 15:43	2.1.17	Flash2lmg_2.1.17_bin.img.z
04/17/2015 10:33	2.1.16	Flash2lmg_2.1.16_bin.img.z
01/23/2015 13:48	2.1.15	Flash2lmg_2.1.15_bin.img.z
05/13/2014 16:19	2.1.14	Flash2lmg_2.1.14_bin.img.z
03/25/2014 12:47	2.1.13	Flash2lmg_2.1.13_bin.img.z
06/03/2014 13:48	2.1.12	Flash2lmg_2.1.12_bin.img.z
01/21/2019 05:05	1.7.63	BV2r1_7_63.tar.xz

- Go to the **Action** column and click **Assign to All DVRs**. A verification prompt displays:



- Click **Yes**. A confirmation message displays.

Assigned 11 active DVRs to version 3.2.10

The system will automatically copy the new firmware version to each of your Flash-back3 and/or FlashbackHD DVRs during the next server-to-DVR communication.

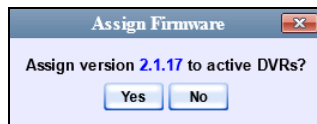
- If your DVR fleet includes some Flashback2s, proceed to the next step for further instructions. Otherwise skip to step 10.
- Click on the highest firmware version that begins with **2.1**.

SYSTEM SETUP

mvadmin is logged in. [Logout](#)

DVR Firmware			
Creation Date	Version	File Name	
04/03/2017 10:51	3.2.10	Flash3Img_3.2.10_bin.img.z	
01/16/2017 15:43	3.2.8	Flash3Img_3.2.8_bin.img.z	
05/19/2015 10:53	3.2.6	Flash3Img_3.2.6_bin.img.z	
04/20/2015 16:12	3.2.5.3	Flash3Img_3.2.5.3_bin.img.z	
04/17/2015 10:33	3.2.5.2	Flash3Img_3.2.5.2_bin.img.z	
11/25/2014 14:50	3.2.4	Flash3Img_3.2.4_bin.img.z	
01/23/2015 13:48	3.2.4.1	Flash3Img_3.2.4.1_bin.img.z	
07/01/2014 10:37	3.2.2	Flash3Img_3.2.2_bin.img.z	
05/13/2014 16:19	3.2.0.1	Flash3Img_3.2.0.1_bin.img.z	
04/10/2014 12:34	3.2.0.0	Flash3Img_3.2.0.0_bin.img.z	
05/29/2014 15:56	3.1.6	Flash3Img_3.1.6_bin.img.z	
03/25/2014 12:47	3.1.5	Flash3Img_3.1.5_bin.img.z	
05/19/2015 10:53	3.1.4	Flash3Img_3.1.4_bin.img.z	
01/16/2017 15:43	2.1.17	Flash2Img_2.1.17_bin.img.z	
04/17/2015 10:33	2.1.16	Flash2Img_2.1.16_bin.img.z	
01/23/2015 13:48	2.1.15	Flash2Img_2.1.15_bin.img.z	
05/13/2014 16:19	2.1.14	Flash2Img_2.1.14_bin.img.z	
03/25/2014 12:47	2.1.13	Flash2Img_2.1.13_bin.img.z	
06/03/2014 13:48	2.1.12	Flash2Img_2.1.12_bin.img.z	
01/21/2019 05:05	1.7.63	BV2r1_7_63.tar.xz	

- 8 Go to the **Action** column and click **Assign to All DVRs**. A verification prompt displays:



- 9 Click **Yes**. A confirmation message displays.

Assigned 5 active DVRs to version 2.1.17

The system will automatically copy the most recent Flashback2 firmware to each of your Flashback2 DVRs during the next server-to-DVR communication.

- 10 If you also have *BodyVISION* DVRs, proceed to the next step.

– OR –

If you do *not* have *BodyVISION* DVRs, skip to step 14.

- 11 Click on the highest firmware version that begins with the number **1** and has a *File Name* that starts with **BodyVision**.

(Continued)

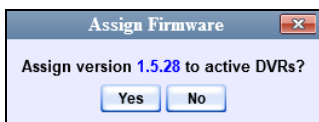
SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

[Home Menu](#) | [Precinct](#) | [System](#) | [Security](#) | [Video](#) | [Modules](#) | **[DVR Firmware](#)** | [DVD](#)

DVR Firmware			
Creation Date	Version	File Name	
04/03/2017 10:51	3.2.10	Flash3Img_3.2.10_bin.img.z	
01/16/2017 15:43	3.2.8	Flash3Img_3.2.8_bin.img.z	
05/19/2015 10:53	3.2.6	Flash3Img_3.2.6_bin.img.z	
04/20/2015 16:12	3.2.5.3	Flash3Img_3.2.5.3_bin.img.z	
04/17/2015 10:33	3.2.5.2	Flash3Img_3.2.5.2_bin.img.z	
11/25/2014 14:50	3.2.4	Flash3Img_3.2.4_bin.img.z	
01/23/2015 13:48	3.2.4.1	Flash3Img_3.2.4.1_bin.img.z	
07/01/2014 10:37	3.2.2	Flash3Img_3.2.2_bin.img.z	
05/13/2014 16:19	3.2.0.1	Flash3Img_3.2.0.1_bin.img.z	
04/10/2014 12:34	3.2.0.0	Flash3Img_3.2.0.0_bin.img.z	
05/29/2014 15:56	3.1.6	Flash3Img_3.1.6_bin.img.z	
03/25/2014 12:47	3.1.5	Flash3Img_3.1.5_bin.img.z	
05/19/2015 10:53	3.1.4	Flash3Img_3.1.4_bin.img.z	
01/16/2017 15:43	2.1.17	Flash2Img_2.1.17_bin.img.z	
04/17/2015 10:33	2.1.16	Flash2Img_2.1.16_bin.img.z	
01/23/2015 13:48	2.1.15	Flash2Img_2.1.15_bin.img.z	
05/13/2014 16:19	2.1.14	Flash2Img_2.1.14_bin.img.z	
03/25/2014 12:47	2.1.13	Flash2Img_2.1.13_bin.img.z	
06/03/2014 13:48	2.1.12	Flash2Img_2.1.12_bin.img.z	
01/21/2019 05:05	1.7.63	BV2v1_7_63.tar.xz	
08/16/2018 12:55	1.7.40	BV2v1_7_40.tar.xz	
03/16/2018 16:25	1.7.6	BV2v1_7_6.tar.xz	
02/15/2018 04:44	1.6.34	BV2v1_6_34.tar.xz	
01/21/2019 05:05	1.5.28	BodyVision_1_5_28.tar	
03/08/2018 14:30	1.5.23	BodyVision_1_5_23.tar	
11/13/2017 13:03	1.5.16	BodyVision_1_5_16.tar	

- 12 Go to the **Action** column and click **Assign to All DVRs**. A verification prompt displays.



- 13 Click **Yes**. A confirmation message displays.



- 14 If you also have BWX-100 DVRs, proceed to the next step.

– OR –

If you do *not* have BWX-100 DVRs, **End of Procedure**.

- 15 Click on the highest firmware version that begins with the number **1** and has a *File Name* that starts with **BV**.

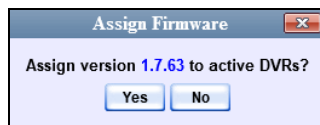
SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu | Precinct | System | Security | Video | Modules | **DVR Firmware** | DVD

DVR Firmware		
Creation Date	Version	File Name
04/03/2017 10:51	3.2.10	Flash3Img_3.2.10_bin.img.z
01/16/2017 15:43	3.2.8	Flash3Img_3.2.8_bin.img.z
05/19/2015 10:53	3.2.6	Flash3Img_3.2.6_bin.img.z
04/20/2015 16:12	3.2.5.3	Flash3Img_3.2.5.3_bin.img.z
04/17/2015 10:33	3.2.5.2	Flash3Img_3.2.5.2_bin.img.z
11/25/2014 14:50	3.2.4	Flash3Img_3.2.4_bin.img.z
01/23/2015 13:48	3.2.4.1	Flash3Img_3.2.4.1_bin.img.z
07/01/2014 10:37	3.2.2	Flash3Img_3.2.2_bin.img.z
05/13/2014 16:19	3.2.0.1	Flash3Img_3.2.0.1_bin.img.z
04/10/2014 12:34	3.2.0.0	Flash3Img_3.2.0.0_bin.img.z
05/29/2014 15:56	3.1.6	Flash3Img_3.1.6_bin.img.z
03/25/2014 12:47	3.1.5	Flash3Img_3.1.5_bin.img.z
05/19/2015 10:53	3.1.4	Flash3Img_3.1.4_bin.img.z
01/16/2017 15:43	2.1.17	Flash2Img_2.1.17_bin.img.z
04/17/2015 10:33	2.1.16	Flash2Img_2.1.16_bin.img.z
01/23/2015 13:48	2.1.15	Flash2Img_2.1.15_bin.img.z
05/13/2014 16:19	2.1.14	Flash2Img_2.1.14_bin.img.z
03/25/2014 12:47	2.1.13	Flash2Img_2.1.13_bin.img.z
06/03/2014 13:48	2.1.12	Flash2Img_2.1.12_bin.img.z
01/21/2019 05:05	1.7.63	BV2r1_7_63.tar.xz
08/16/2018 12:55	1.7.40	BV2r1_7_40.tar.xz

- 16 Go to the **Action** column and click **Assign to All DVRs**. A verification prompt displays.



- 17 Click **Yes**. A confirmation message displays.

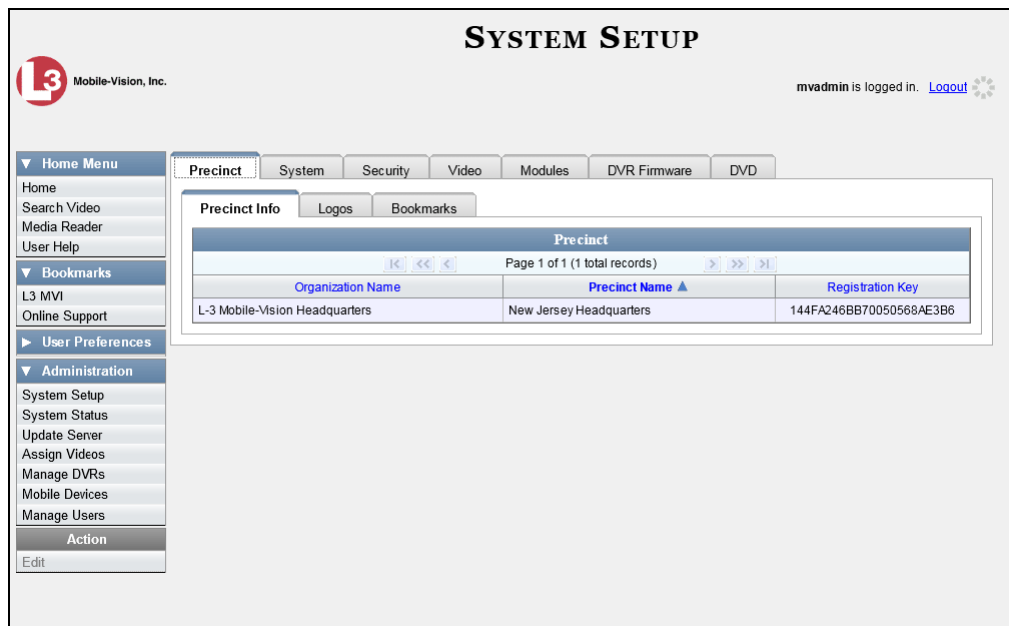
Assigned 7 active DVRs to version 1.7.63

Viewing/Printing Firmware Release Notes

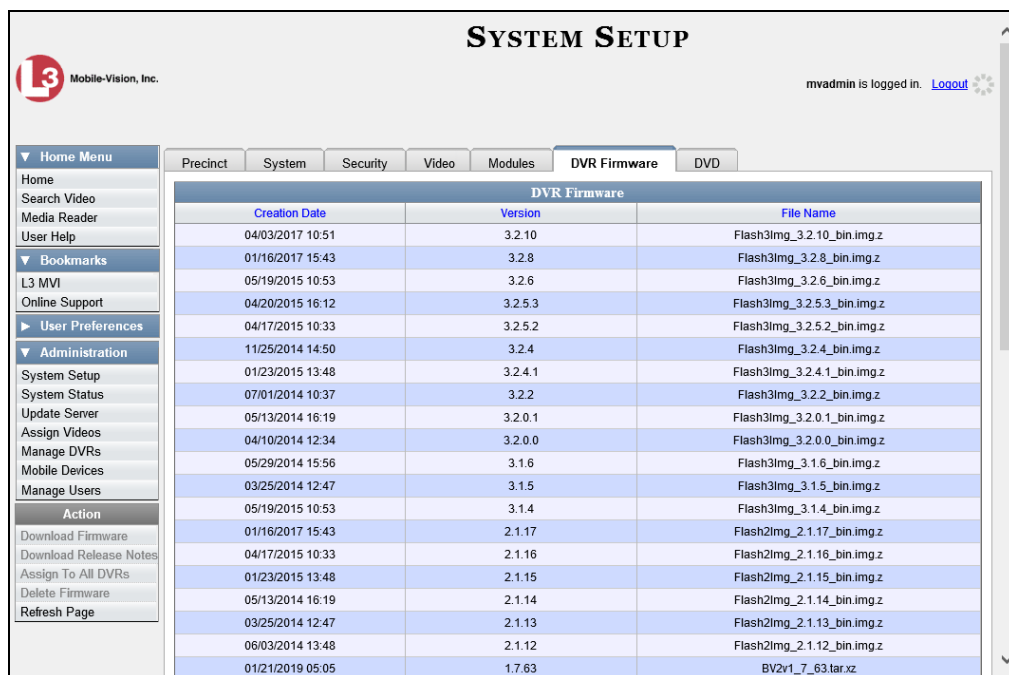
This section describes how to view and/or print firmware Release Notes for Flash-back and Body Worn DVRs. These notes describe the changes and enhancements to each new firmware version.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.

(Continued)

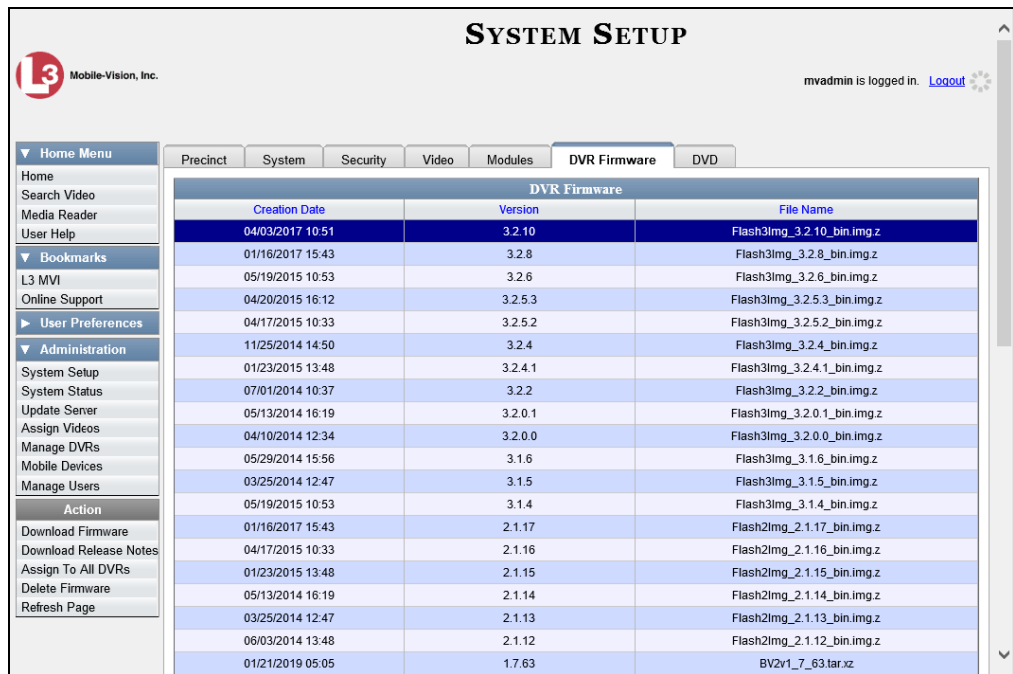


- 2 Click the **DVR Firmware** tab. A list of the current and past firmware versions displays.



- 3 Click on a record in the 1, 2, or 3 series:
 - ⇒ To view the release notes for Flashback3/FlashbackHD DVRs, click on any version number that starts with a **3**.
 - ⇒ To view the release notes for Flashback2 DVRs, click on any version number that starts with a **2**.

- ⇒ To view the release notes for BodyVISION DVRs, click on any version number that starts with a **1** and has a *File Name* that begins with **BodyVision**.
- ⇒ To view the release notes for BWX-100 DVRs, click on any version number that starts with a **1** and has a *File Name* that begins with **BV**.



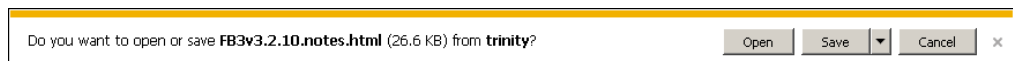
SYSTEM SETUP

mvadmin is logged in. [Logout](#)

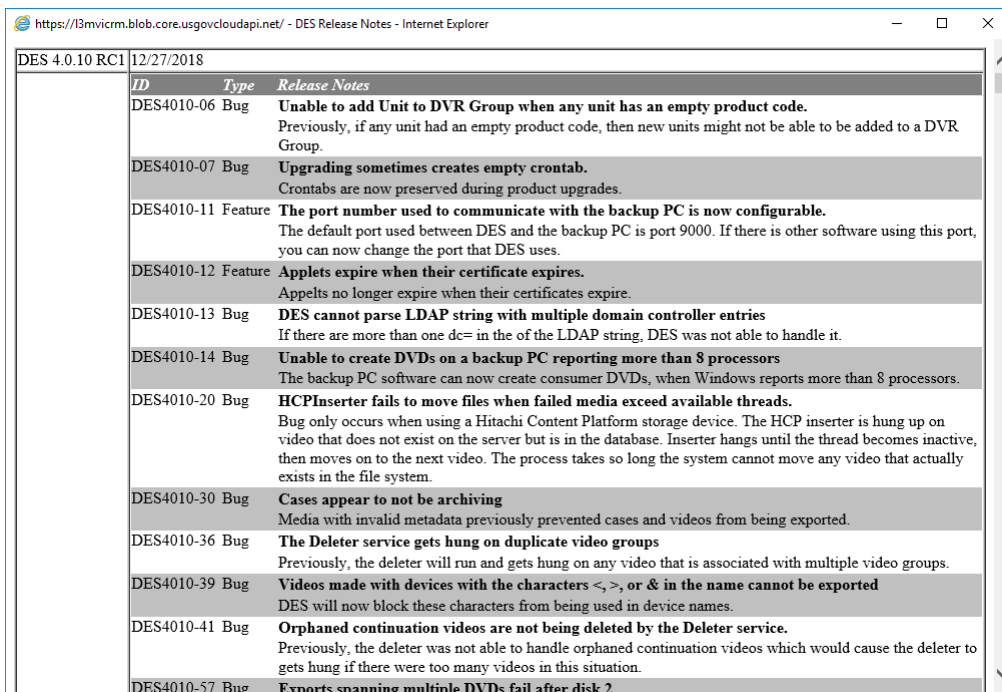
Home Menu: Home, Search Video, Media Reader, User Help, Bookmarks, L3 MMI, Online Support, User Preferences, Administration (System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users), Action (Download Firmware, Download Release Notes, Assign To All DVRs, Delete Firmware, Refresh Page)

Creation Date	Version	File Name
04/03/2017 10:51	3.2.10	Flash3img_3.2.10_bin.img.z
01/16/2017 15:43	3.2.8	Flash3img_3.2.8_bin.img.z
05/19/2015 10:53	3.2.6	Flash3img_3.2.6_bin.img.z
04/20/2015 16:12	3.2.5.3	Flash3img_3.2.5.3_bin.img.z
04/17/2015 10:33	3.2.5.2	Flash3img_3.2.5.2_bin.img.z
11/25/2014 14:50	3.2.4	Flash3img_3.2.4_bin.img.z
01/23/2015 13:48	3.2.4.1	Flash3img_3.2.4.1_bin.img.z
07/01/2014 10:37	3.2.2	Flash3img_3.2.2_bin.img.z
05/13/2014 16:19	3.2.0.1	Flash3img_3.2.0.1_bin.img.z
04/10/2014 12:34	3.2.0.0	Flash3img_3.2.0.0_bin.img.z
05/29/2014 15:56	3.1.6	Flash3img_3.1.6_bin.img.z
03/25/2014 12:47	3.1.5	Flash3img_3.1.5_bin.img.z
05/19/2015 10:53	3.1.4	Flash3img_3.1.4_bin.img.z
01/16/2017 15:43	2.1.17	Flash2img_2.1.17_bin.img.z
04/17/2015 10:33	2.1.16	Flash2img_2.1.16_bin.img.z
01/23/2015 13:48	2.1.15	Flash2img_2.1.15_bin.img.z
05/13/2014 16:19	2.1.14	Flash2img_2.1.14_bin.img.z
03/25/2014 12:47	2.1.13	Flash2img_2.1.13_bin.img.z
06/03/2014 13:48	2.1.12	Flash2img_2.1.12_bin.img.z
01/21/2019 05:05	1.7.63	BV2r1_7_63.tar.xz

- 4 Go to the **Action** column and click **Download Release Notes**. A Windows message displays.



- 5 Click **Open**. The release notes display.



ID	Type	Release Notes
DES4010-06	Bug	Unable to add Unit to DVR Group when any unit has an empty product code. Previously, if any unit had an empty product code, then new units might not be able to be added to a DVR Group.
DES4010-07	Bug	Upgrading sometimes creates empty cronstab. Crontabs are now preserved during product upgrades.
DES4010-11	Feature	The port number used to communicate with the backup PC is now configurable. The default port used between DES and the backup PC is port 9000. If there is other software using this port, you can now change the port that DES uses.
DES4010-12	Feature	Applets expire when their certificate expires. Applets no longer expire when their certificates expire.
DES4010-13	Bug	DES cannot parse LDAP string with multiple domain controller entries If there are more than one dc= in the of the LDAP string, DES was not able to handle it.
DES4010-14	Bug	Unable to create DVDs on a backup PC reporting more than 8 processors The backup PC software can now create consumer DVDs, when Windows reports more than 8 processors.
DES4010-20	Bug	HCP inserter fails to move files when failed media exceed available threads. Bug only occurs when using a Hitachi Content Platform storage device. The HCP inserter is hung up on video that does not exist on the server but is in the database. Inserter hangs until the thread becomes inactive, then moves on to the next video. The process takes so long the system cannot move any video that actually exists in the file system.
DES4010-30	Bug	Cases appear to not be archiving Media with invalid metadata previously prevented cases and videos from being exported.
DES4010-36	Bug	The Deleter service gets hung on duplicate video groups Previously, the deleter will run and gets hung on any video that is associated with multiple video groups.
DES4010-39	Bug	Videos made with devices with the characters <, >, or & in the name cannot be exported DES will now block these characters from being used in device names.
DES4010-41	Bug	Orphaned continuation videos are not being deleted by the Deleter service. Previously, the deleter was not able to handle orphaned continuation videos which would cause the deleter to get hung if there were too many videos in this situation.
DES4010-57	Bug	Exports spanning multiple DVDs fail after disk 2

- 6 If you wish to print the release notes, press **Ctrl + P**. The Print form displays. Proceed to the next step.
– OR –
If you do *not* wish to print the release notes, skip to step 8.
- 7 Select your printer options, then click **OK** or **Print**. The print job is directed to your active printer.
- 8 When you are finished viewing/printing the release notes, click the in the upper right corner of the page.

Generating a DVR Login Key for an Officer

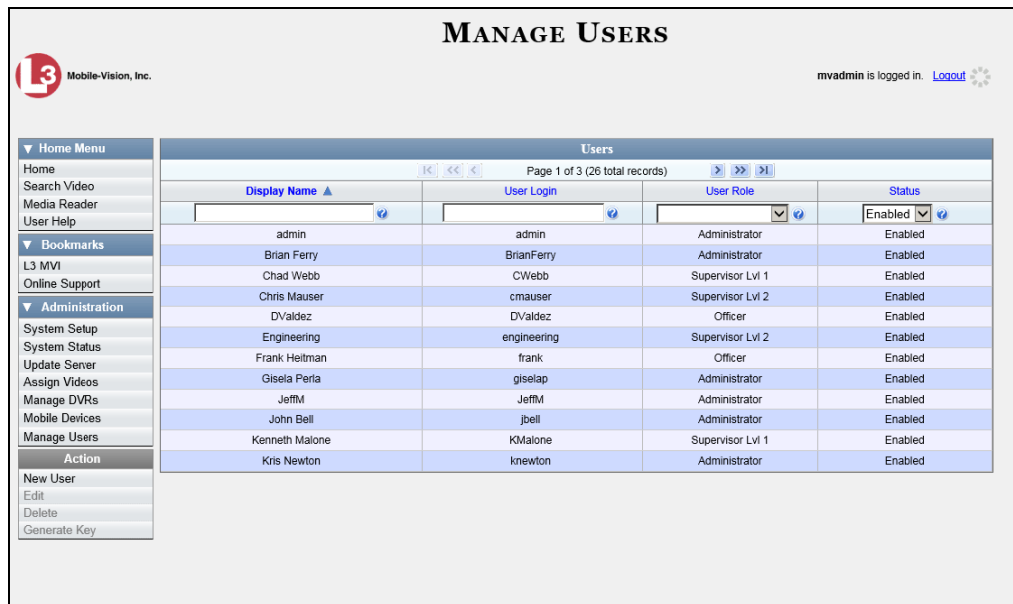
When more than one officer uses the same patrol car, you need a way to identify each officer to the Flashback DVR at the beginning of each shift so that their videos will be linked to them. That is what the DVR Login Key is used for. It is simply a file that contains an officer's user information. You copy this file from DEV to a USB flash drive, then the officer inserts the flash drive in the Flashback's USB port and logs in at the beginning of each shift.

Officers can generate this file themselves, as described in chapter 1 of the *DEV Officer's Guide*, or you can create it for them, as described below.

You typically need to perform this procedure only *once* at system startup.

- 1 Insert the officer's USB Login Key in one of your PC's USB ports.

- Go to **Administration** and click **Manage Users**. The Manage Users page displays.



MANAGE USERS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

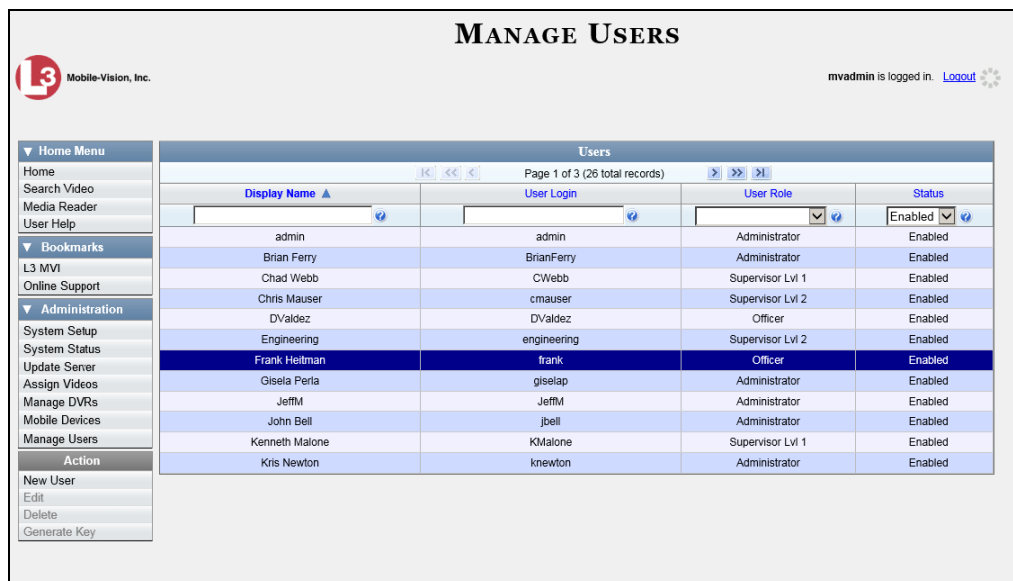
Bookmarks: L3 MVI, Online Support

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: New User, Edit, Delete, Generate Key

Display Name	User Login	User Role	Status
admin	admin	Administrator	Enabled
Brian Ferry	BrianFerry	Administrator	Enabled
Chad Webb	CWebb	Supervisor Lvl 1	Enabled
Chris Mauser	cmauser	Supervisor Lvl 2	Enabled
DValdez	DValdez	Officer	Enabled
Engineering	engineering	Supervisor Lvl 2	Enabled
Frank Heltman	frank	Officer	Enabled
Gisela Perla	giselap	Administrator	Enabled
JeffM	JeffM	Administrator	Enabled
John Bell	jbell	Administrator	Enabled
Kenneth Malone	KMalone	Supervisor Lvl 1	Enabled
Kris Newton	knewton	Administrator	Enabled

- Locate the user for which you wish to generate a DVR login key. If necessary, see “Searching for a User” in chapter 8.
- Click on the user record to highlight it.



MANAGE USERS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: New User, Edit, Delete, Generate Key

Display Name	User Login	User Role	Status
admin	admin	Administrator	Enabled
Brian Ferry	BrianFerry	Administrator	Enabled
Chad Webb	CWebb	Supervisor Lvl 1	Enabled
Chris Mauser	cmauser	Supervisor Lvl 2	Enabled
DValdez	DValdez	Officer	Enabled
Engineering	engineering	Supervisor Lvl 2	Enabled
Frank Heltman	frank	Officer	Enabled
Gisela Perla	giselap	Administrator	Enabled
JeffM	JeffM	Administrator	Enabled
John Bell	jbell	Administrator	Enabled
Kenneth Malone	KMalone	Supervisor Lvl 1	Enabled
Kris Newton	knewton	Administrator	Enabled

- Go to the **Action** column and click **Generate Key**. A Windows message displays.



Do you want to open or save **userid.dat** (194 bytes) from **trinity**?

Open Save Cancel X

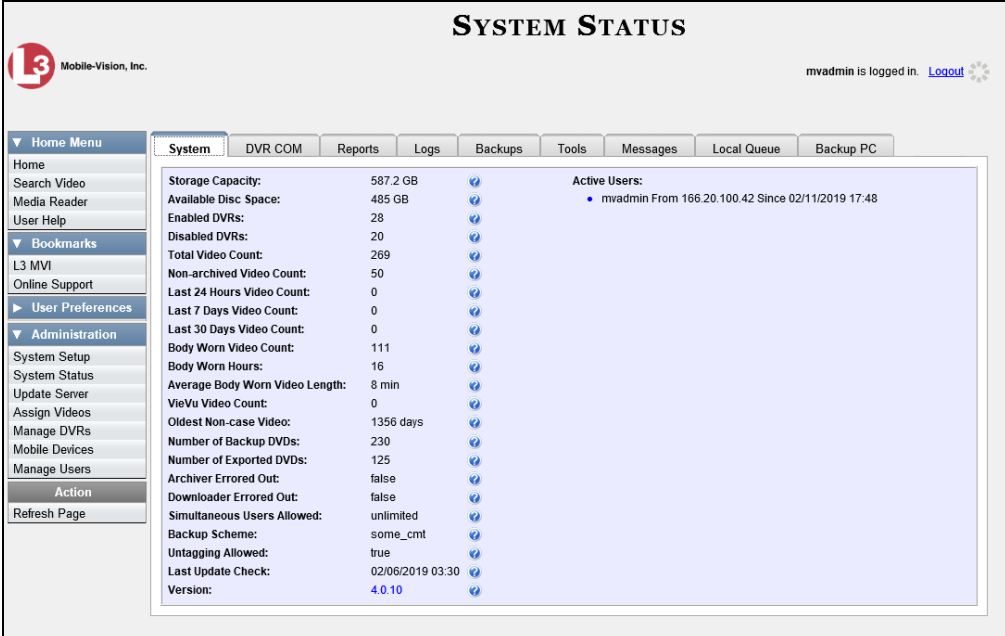
- 6 Select **Save As** from the *Save* drop-down list. The Save As window displays.
- 7 Navigate to the USB drive.
- 8 Click **Save**. The system copies the login file to the USB drive.
- 9 Remove the USB key from your PC and give it to the appropriate officer. He can then use it to login to any Flashback DVR. For more information, see “Logging into a DVR Using Your USB Login Key” in the Flashback User’s Guide.

Exporting DVR Activity to a Spreadsheet

This section describes how to export all your DVR activity to a spreadsheet for use with another application, such as a custom reporting tool. This is referred to as the *DVR Activity* report. It includes information such as when a DVR’s video was updated to the server and when a DVR setting was changed and by whom, etc. The system automatically updates this report once every day.

- 1 Go to  and click **System Status**. The System Status page displays.

(Continued)



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

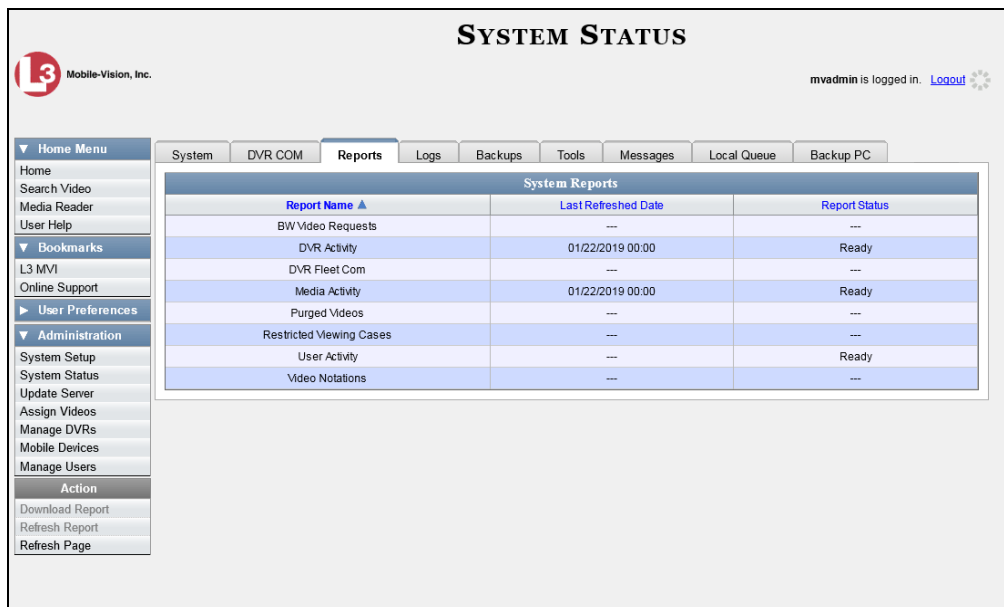
Navigation: Home Menu, Administration, Action

System Status Page Content:

System	DVR COM	Reports	Logs	Backups	Tools	Messages	Local Queue	Backup PC
Storage Capacity:	587.2 GB							
Available Disc Space:	485 GB							
Enabled DVRs:	28							
Disabled DVRs:	20							
Total Video Count:	269							
Non-archived Video Count:	50							
Last 24 Hours Video Count:	0							
Last 7 Days Video Count:	0							
Last 30 Days Video Count:	0							
Body Worn Video Count:	111							
Body Worn Hours:	16							
Average Body Worn Video Length:	8 min							
VieVu Video Count:	0							
Oldest Non-case Video:	1356 days							
Number of Backup DVDs:	230							
Number of Exported DVDs:	125							
Archiver Errored Out:	false							
Downloader Errored Out:	false							
Simultaneous Users Allowed:	unlimited							
Backup Scheme:	some_cmt							
Untagging Allowed:	true							
Last Update Check:	02/06/2019 03:30							
Version:	4.0.10							

Active Users:
• mvadmin From 166.20.100.42 Since 02/11/2019 17:48

- 2 Click the **Reports** tab.



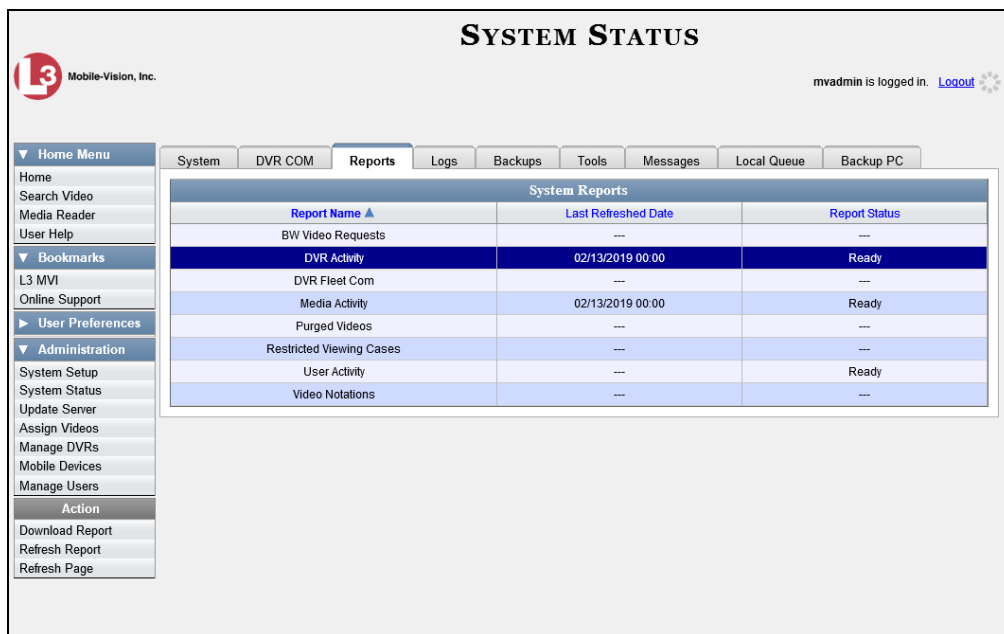
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Reports		
Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	---	---
DVR Activity	01/22/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	01/22/2019 00:00	Ready
Purged Videos	---	---
Restricted Viewing Cases	---	---
User Activity	---	Ready
Video Notations	---	---

3 Click on the **DVR Activity** report to highlight it.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Reports		
Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	---	---
DVR Activity	02/13/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	02/13/2019 00:00	Ready
Purged Videos	---	---
Restricted Viewing Cases	---	---
User Activity	---	Ready
Video Notations	---	---

Note the date in the *Last Refreshed Date* column. The DVR Activity report you are about to download will contain all system DVR activity up to this date/time. If you prefer to report on all DVR activity up to the *current* time, go to the **Action** column and click **Refresh Report** first before proceeding.

4 Go to the **Action** column and click **Download Report**. A Windows message displays.



- 5 Click **Open**. The report displays in your default spreadsheet application, such as Microsoft Excel.

5 Backup PCs

A Backup PC is a computer used to process DVD burn requests. Because the process of burning DVDs is resource-intensive, one PC is dedicated to this task. If you are using a *Bravo* robotic DVD burner, then the Backup PC is a separate computer workstation connected to the disc burner. If you are using a *Rimage* DVD/Blu-Ray burner that combines a disc burner with a computer, the Backup PC refers to the computer component of the Rimage.

If your agency has more than one server PC, you can connect those server PCs to a single Backup PC. However, if your agency has more than one Bravo DVD burner, each DVD burner must have its own Backup PC. Any time you add a new Backup PC/DVD Burner to your setup, you will have to enter a new Backup PC record, as described on page 345.

For more information, see:

- Updating the Backup PC Software, below
- Adding a Backup PC, page 345
- Changing a Backup PC, page 350
- Deleting a Backup PC, page 352
- Viewing the Backup PC Status Page, page 354.

To change your auto-backup settings, see “Changing the File Types that are Automatically Archived” in chapter 3.

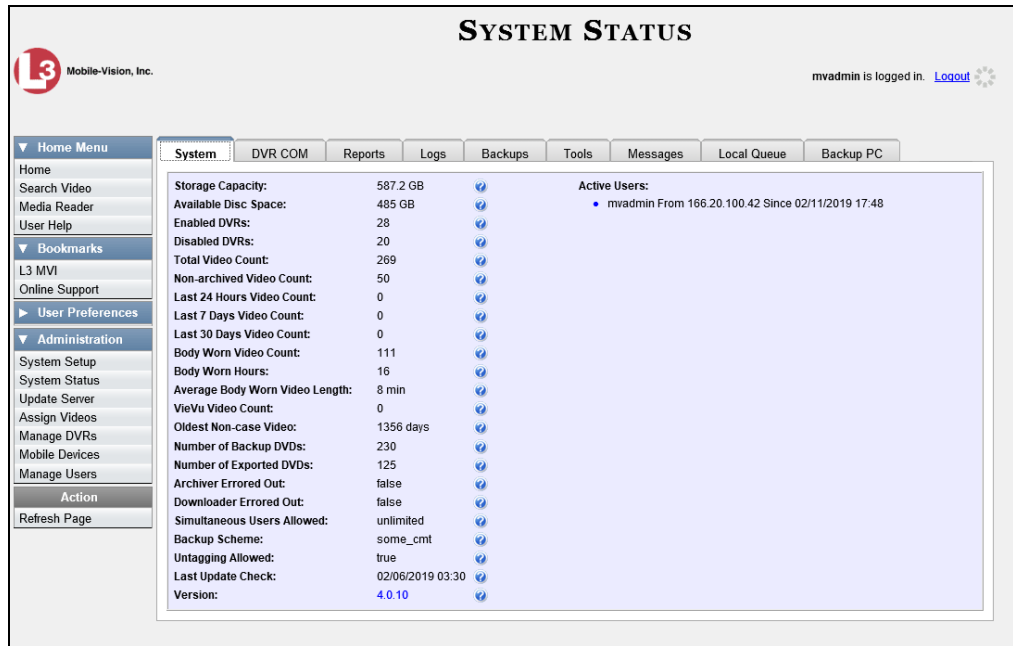
Updating the Backup PC Software

Occasionally, you may need to update the software that controls your Backup PC. Perform this task whenever you receive an update notification in your Inbox (*Update Required for your Backup PC*), or you are instructed to do so by a Mobile-Vision Technical Support Engineer.

The Backup PC update procedure needs to be performed on the Backup PC itself, so you need to log out of the DEV application now, then log back in from the Backup PC, as described below.

- 1 Go to the top right of the Home page and click **Logout**.
- 2 Walk to the Backup PC.
- 3 Login to DEV again from the Backup PC. (Make sure that you login as an Administrator.)

- 4 Go to **Administration** and click **System Status**. The System Status page displays.



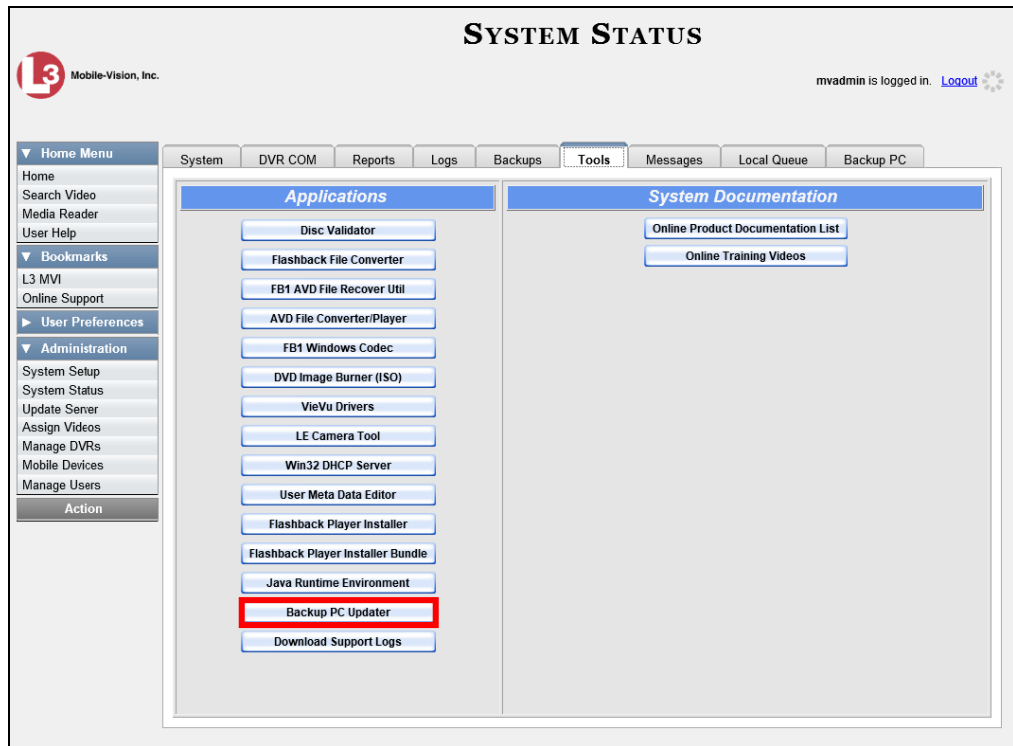
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB	🔍	Active Users:
Available Disc Space:	485 GB	🔍	
Enabled DVRs:	28	🔍	
Disabled DVRs:	20	🔍	
Total Video Count:	269	🔍	
Non-archived Video Count:	50	🔍	
Last 24 Hours Video Count:	0	🔍	
Last 7 Days Video Count:	0	🔍	
Last 30 Days Video Count:	0	🔍	
Body Worn Video Count:	111	🔍	
Body Worn Hours:	16	🔍	
Average Body Worn Video Length:	8 min	🔍	
VieVu Video Count:	0	🔍	
Oldest Non-case Video:	1356 days	🔍	
Number of Backup DVDs:	230	🔍	
Number of Exported DVDs:	125	🔍	
Archiver Errored Out:	false	🔍	
Downloader Errored Out:	false	🔍	
Simultaneous Users Allowed:	unlimited	🔍	
Backup Scheme:	some_cmt	🔍	
Untagging Allowed:	true	🔍	
Last Update Check:	02/06/2019 03:30	🔍	
Version:	4.0.10	🔍	

- 5 Click the **Tools** tab.



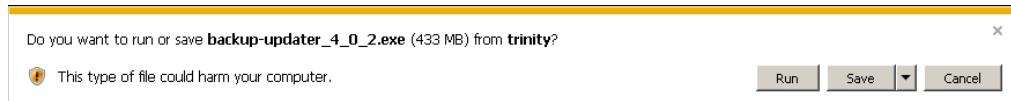
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

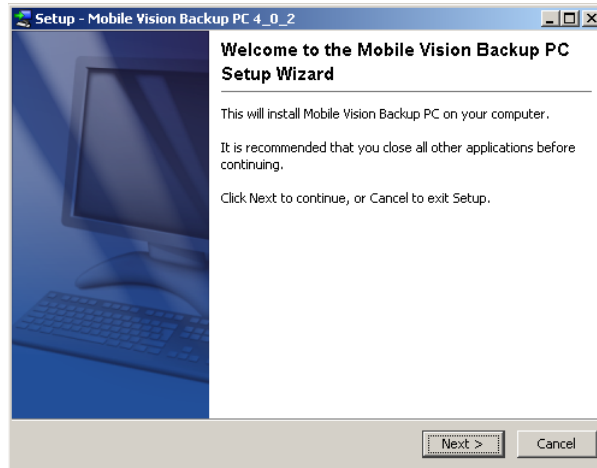
System | DVR COM | Reports | Logs | Backups | **Tools** | Messages | Local Queue | Backup PC

Applications	System Documentation
Disc Validator	Online Product Documentation List
Flashback File Converter	Online Training Videos
FB1 AVD File Recover Util	
AVD File Converter/Player	
FB1 Windows Codec	
DVD Image Burner (ISO)	
VieVu Drivers	
LE Camera Tool	
Win32 DHCP Server	
User Meta Data Editor	
Flashback Player Installer	
Flashback Player Installer Bundle	
Java Runtime Environment	
Backup PC Updater	
Download Support Logs	

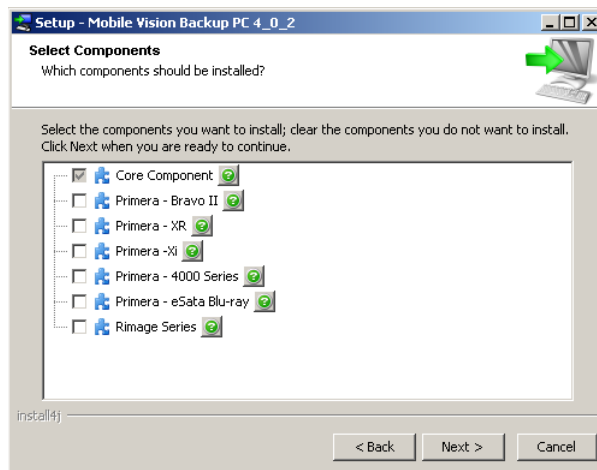
- 6 Go to the *Applications* column and click the **Backup PC Updater** button. A Windows message displays.



- 7 Click **Run**. The system copies some files from the server to your PC. After a momentary delay, the Setup Wizard launches.



- 8 Click **Next**. A list of DVD burners displays.



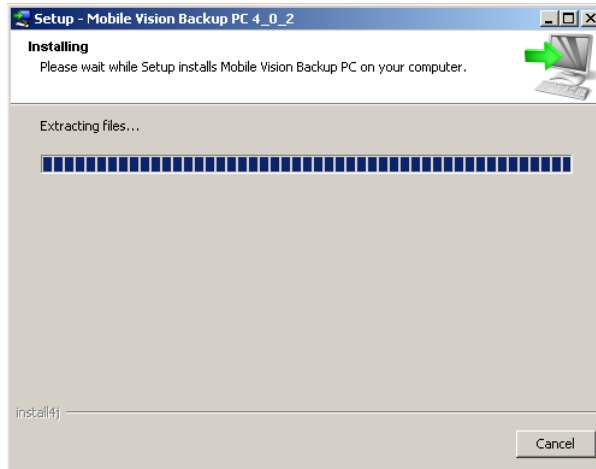
- 9 Select the type of disc burner that your Backup PC is connected to. Make sure you select *only one* burner.



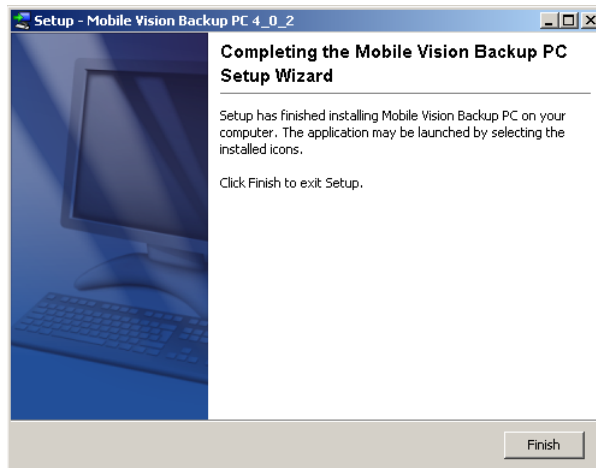
WARNING: If you select more than one DVD burner *or* you select the *wrong* DVD burner, or it could render your Backup PC system temporarily inoperable.

- 10 Click **Next**. The system begins updating your Backup PC.

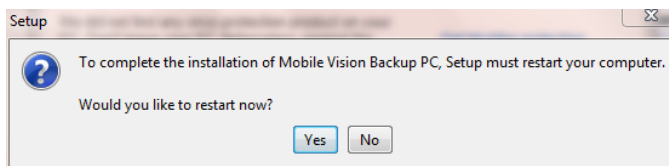
(Continued)



Once the software has been installed on your PC, a confirmation message displays.



- 11 Click **Finish**. The system prompts you to reboot your PC.



- 12 Close any files that you may have open on the Backup PC, then click **Yes**.

Adding a Backup PC

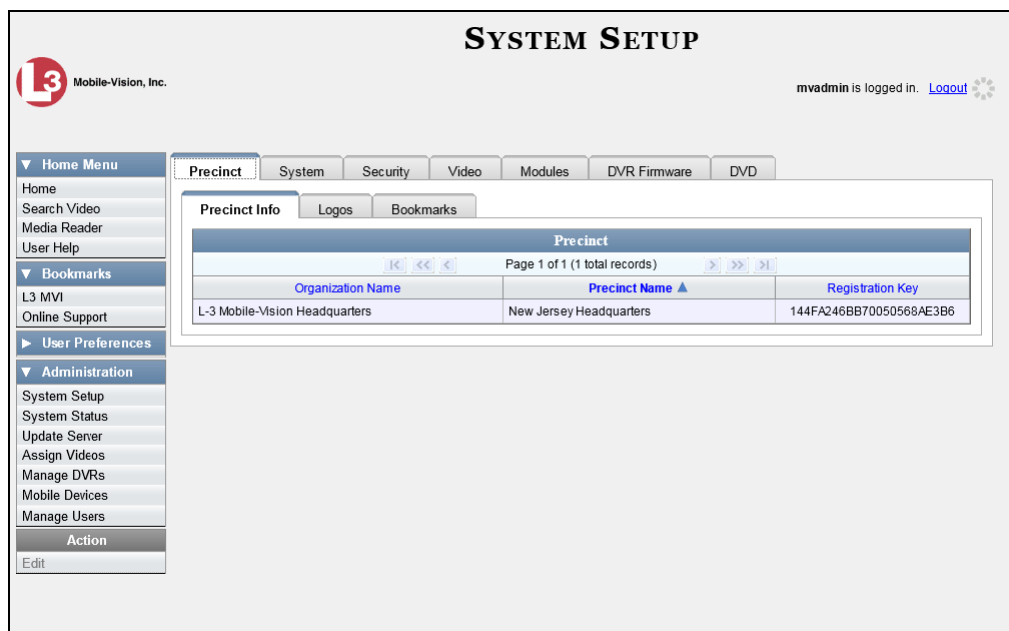
This section describes how to enter a new record for a Backup PC. This information will be used to control your robotic DVD burner. For more on Backup PCs and how they are used in DEV, see page 341.

Regarding Bravo units

Every Bravo DVD burner has one or two *input* bins and one *output* bin. The *input* bin is where the blank DVDs go. The *output* bin is where the robotic DVD burner places the completed DVDs.

There are two modes used to configure a Bravo DVD burner: *regular* mode and *kiosk* mode. In *regular* mode, the DVD burner's *right* bin is used as the *input* bin and the *left* bin is used as the *output* bin. In *kiosk* mode, both the right and left bins are used as *input* bins, and a center "catch" tray is used as the *output* bin. If you prefer to configure your DVD burner in *kiosk* mode, ask a Mobile-Vision Technical Support Engineer to assist you with setup.

- 1 Contact Mobile-Vision Service at 800-336-8475 (when prompted, select the phone option for "Service", then "Back Office"). A Technical Support Engineer will assist you with the preliminary setup tasks required to add a new burning station. This step is sometimes referred to as "pre-staging."
- 2 Obtain an IP address for the new Backup PC. If the Backup PC will be connected to the Mobile-Vision network, your TSE will provide you with this address. If the Backup PC will be connected to your agency's network, your agency's Network Specialist will provide you with this address.
- 3 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

▼ Administration
System Setup
System Status
Update Server
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

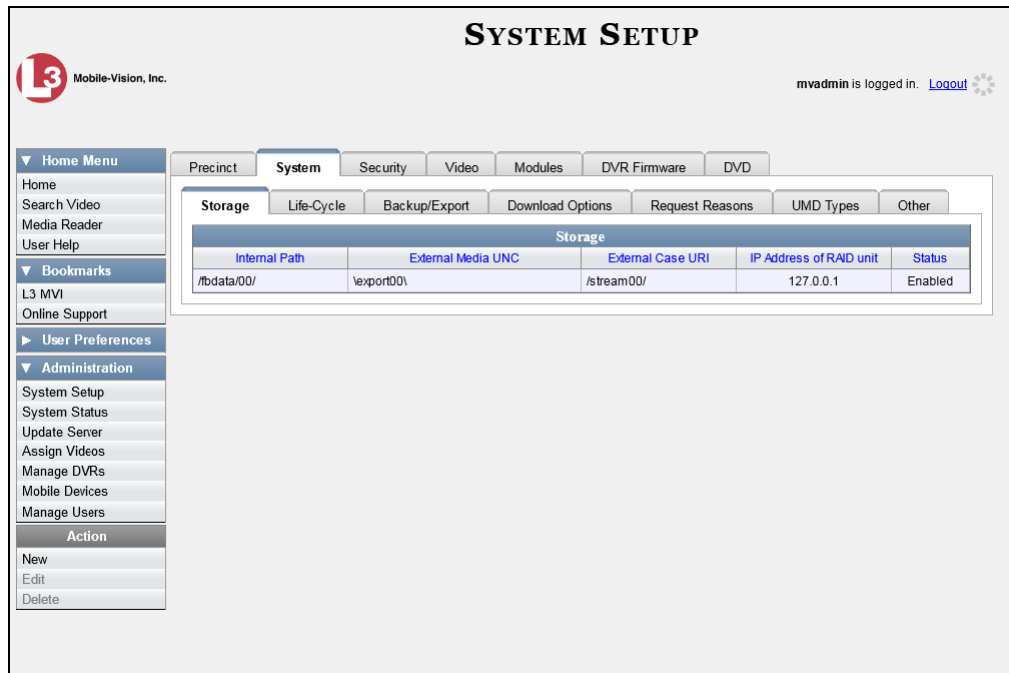
Action
Edit

Precinct System Security Video Modules DVR Firmware DVD

Precinct Info Logos Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

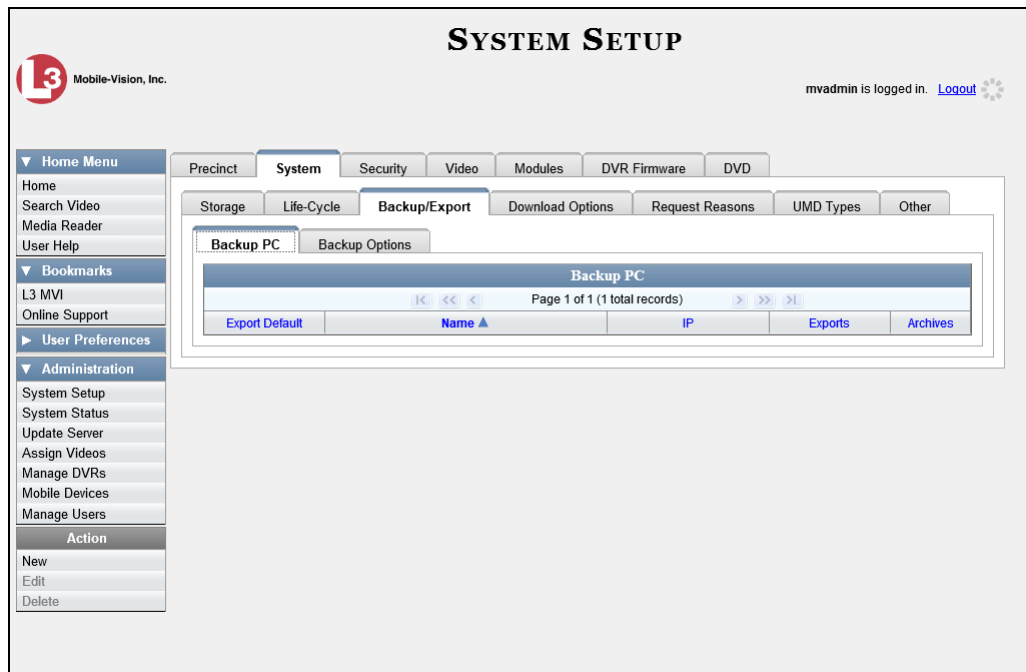
4 Click the **System** tab.



The screenshot shows the 'SYSTEM SETUP' page for Mobile-Vision, Inc. The user 'mvadmin' is logged in. The 'System' tab is selected in the top navigation bar. Under the 'System' tab, the 'Storage' sub-tab is active. A table displays storage configuration details:

Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\export00\	/stream00/	127.0.0.1	Enabled

5 Click the **Backup/Export** tab.



The screenshot shows the 'SYSTEM SETUP' page with the 'Backup/Export' sub-tab selected. The 'Backup PC' sub-tab is also active. A table displays the configuration for a backup PC:

Export Default	Name ▲	IP	Exports	Archives

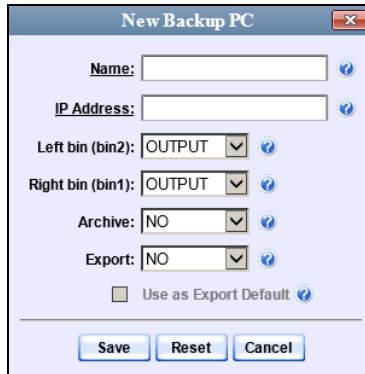
Page 1 of 1 (1 total records)

6 Make sure that the **Backup PC** tab is selected. The columns on this form are described in the following table.

Backup PC	
Column	Description
Export Default	<p>If your agency is using more than one Backup PC/DVD burner, this checkbox is used to indicate whether or not the system will default to this Backup PC when you display the Export Options popup:</p> <p><input checked="" type="checkbox"/> Use this Backup PC as the default on the Export Options popup</p> <p><input type="checkbox"/> Do <i>not</i> use this Backup PC as the default on the Export Options popup</p>
Name	The name of this Backup PC.
IP	The IP address of this Backup PC. If the Backup PC will be connected to the Mobile-Vision network, your TSE will provide you with this address. If the Backup PC will be connected to your agency's network, your agency's Network Specialist will provide you with this address.
Exports	<p>If your agency is using more than one Backup PC/DVD burner, this checkbox is used to indicate whether or not you wish to enable this device to process user-requested burn jobs:</p> <p><input checked="" type="checkbox"/> Allow this Backup PC to process user-requested burn jobs</p> <p><input type="checkbox"/> Do <i>not</i> allow this Backup PC to process user-requested burn jobs</p>
Archives	<p>If your agency is using more than one Backup PC/DVD burner, this checkbox is used to indicate whether or not you wish to enable this device to process system-requested burn jobs (i.e., archives on Certified Backup Discs):</p> <p><input checked="" type="checkbox"/> Allow this Backup PC to process system-requested burn jobs</p> <p><input type="checkbox"/> Do <i>not</i> allow this Backup PC to process system-requested burn jobs</p> <p>Note: If you have more than one robotic DVD burner, it's recommended that you allocate <i>only one</i> DVD burner for system archives.</p>

- Go to the **Action** column and click **New**. The New Backup PC popup displays.

(Continued)



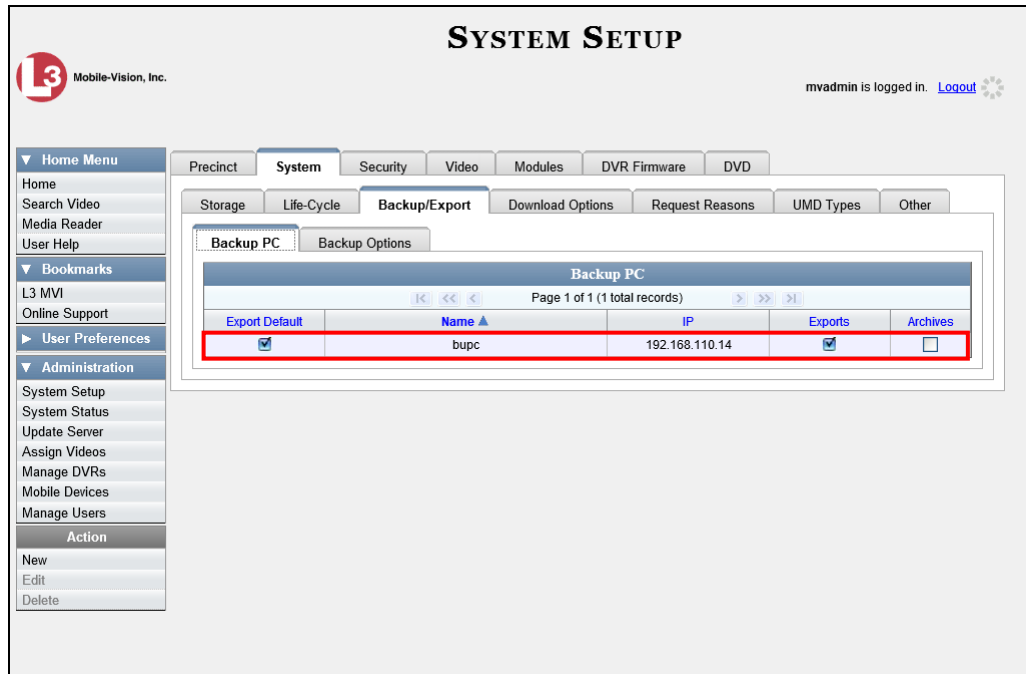
- 8 Enter a descriptive name for this Backup PC in the *Name* field.
- 9 Enter the IP Address for this Backup PC in the *IP Address* field.
- 10 If this record is for a *Bravo* burner, proceed to the next step.
– OR –
If this record is for a *Rimage* burner, skip to step 12.
- 11 If you plan to use the DVD burner in *kiosk* mode (see description on page 345), proceed to the next step.
– OR –
If you plan to use the DVD burner in *regular* mode (see description on page 345), keep the *Left bin (bin 2)* field set to the default value (OUTPUT) and skip to step 13.
- 12 Go to the *Left bin (bin 2)* field and select the type of disc that you plan to place in the DVD burner's *left bin* (Bravo units) or *bin 2* (Rimage units):
DVDR..... DVD single layer discs
DVDRDL DVD dual layer discs
BD Blu-ray single layer discs
BDDL..... Blu-ray dual layer discs
- 13 Go to the *Right bin (bin 1)* field and select the type of disc that you plan to place in the DVD burner's *right bin* (for Bravo) or *bin 1* (for Rimage), as listed in step 12 above.
- 14 Go to the *Archive* field and select the type of disc that you wish to use for your system-generated archive discs (i.e., Certified Backup Discs).
- 15 Go to the *Export* field and select the type of disc that you wish to use for your user-requested certified copies (i.e., export discs).

- 16 If you wish to use this Backup PC as the default on the Export Options popup, select the *Use as Export Default* checkbox.

– OR –

If you do *not* wish to use this Backup PC as the default on the Export Options popup, proceed to the next step.

- 17 Click **Save**. The new Backup PC record displays on the Backup PC list.



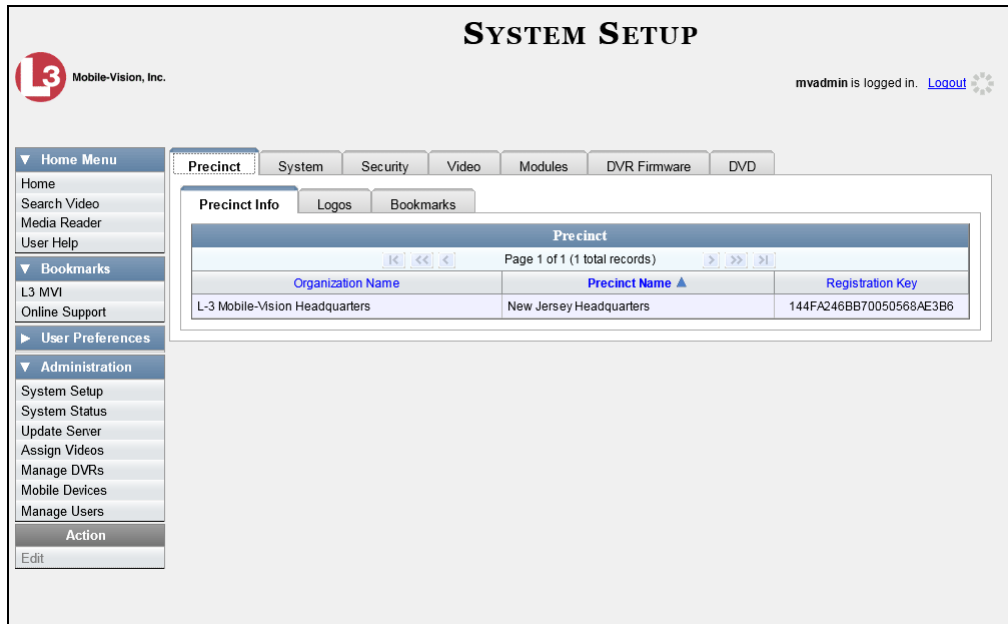
The screenshot shows the 'SYSTEM SETUP' interface for Mobile-Vision, Inc. The user 'mvadmin' is logged in. The navigation menu on the left includes Home Menu, Bookmarks, User Preferences, and Administration. The main content area is under the 'System' tab, with sub-tabs for Storage, Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, and Other. The 'Backup/Export' sub-tab is active, showing a 'Backup PC' table. The table has columns for 'Export Default', 'Name', 'IP', 'Exports', and 'Archives'. A single record is listed with 'bupc' as the name and '192.168.110.14' as the IP. The 'Export Default' checkbox is checked, and the 'Exports' checkbox is also checked. The 'Archives' checkbox is unchecked. The table is highlighted with a red border.

Export Default	Name ▲	IP	Exports	Archives
<input checked="" type="checkbox"/>	bupc	192.168.110.14	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Changing a Backup PC

This section describes how to update an existing Backup PC record. For example, if you decide to switch from using *single* layer DVDs to *dual* layer DVDs, you'd need to update the associated Backup PC record.

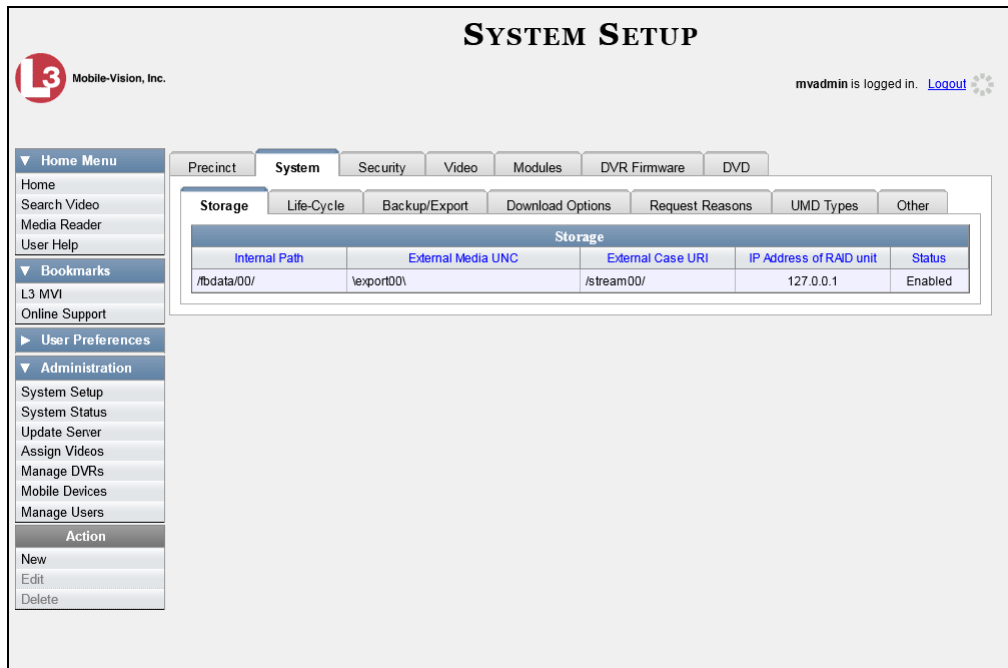
- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



The screenshot shows the 'SYSTEM SETUP' interface with the 'Precinct' tab selected. The page header includes the L3 Mobile-Vision, Inc. logo and the user 'mvadmin' logged in. A navigation menu on the left lists 'Administration' options, with 'System Setup' highlighted. The main content area shows a table of Precinct information.

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

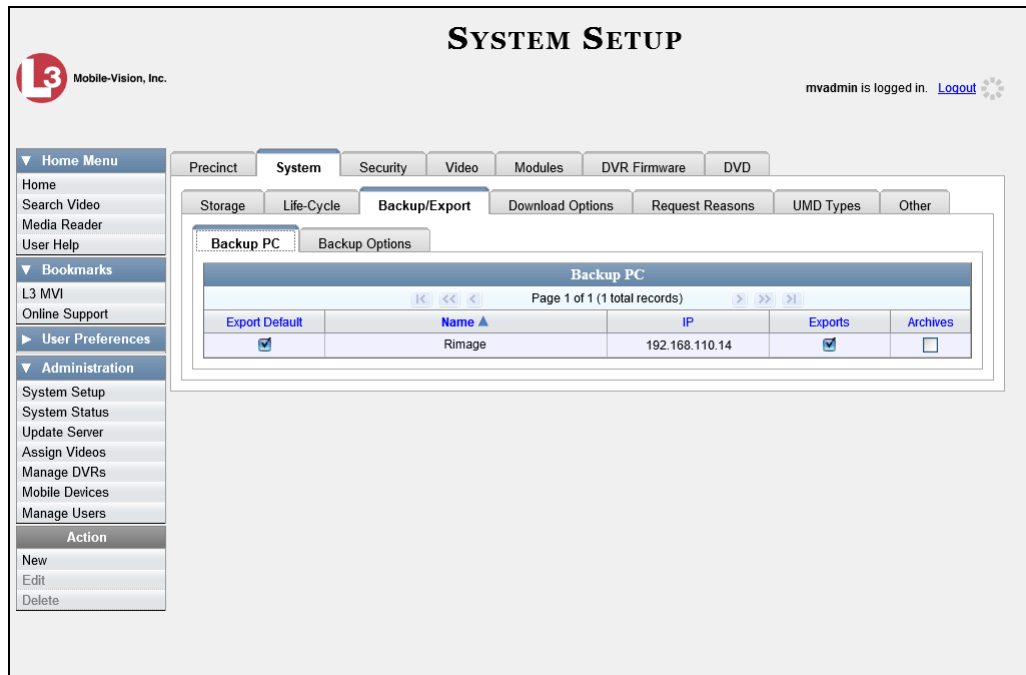
- 2 Click the **System** tab.



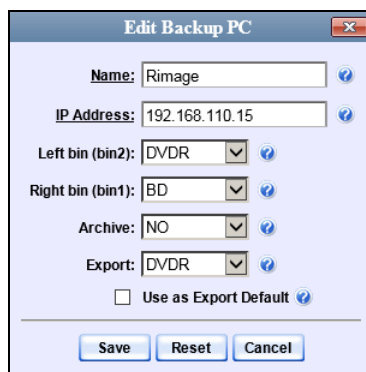
The screenshot shows the 'SYSTEM SETUP' interface with the 'System' tab selected. The page header is the same as the previous screenshot. The navigation menu on the left now shows 'System Setup' highlighted. The main content area shows a table of Storage information.

Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\\export00\	/stream00/	127.0.0.1	Enabled

- 3 Click the **Backup/Export** tab.



- 4 Make sure that the **Backup PC** tab is selected, as pictured above. For a description of the columns on this form, see the table on page 347.
- 5 Right-click on the Backup PC record you wish to update, then select **Edit** from the popup menu. The Edit Backup PC popup displays.

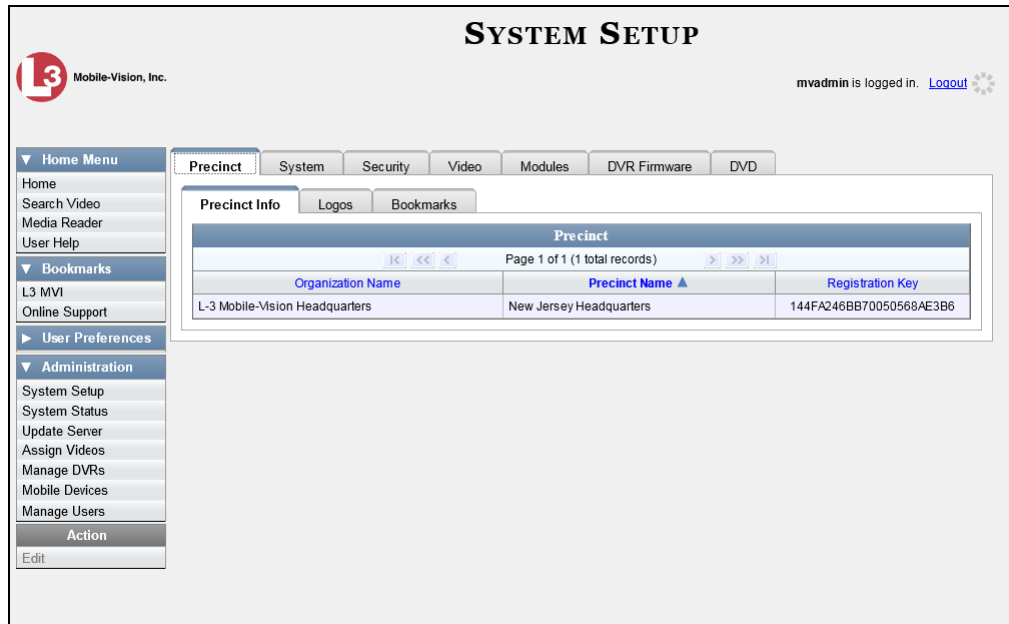


- 6 Enter/select your changes in the appropriate field(s), then click **Save**.

Deleting a Backup PC

This section describes how to delete an existing Backup PC record. Perform this task after a Backup PC/DVD burner has been decommissioned, or as directed by your Mobile-Vision Technical Support Engineer.

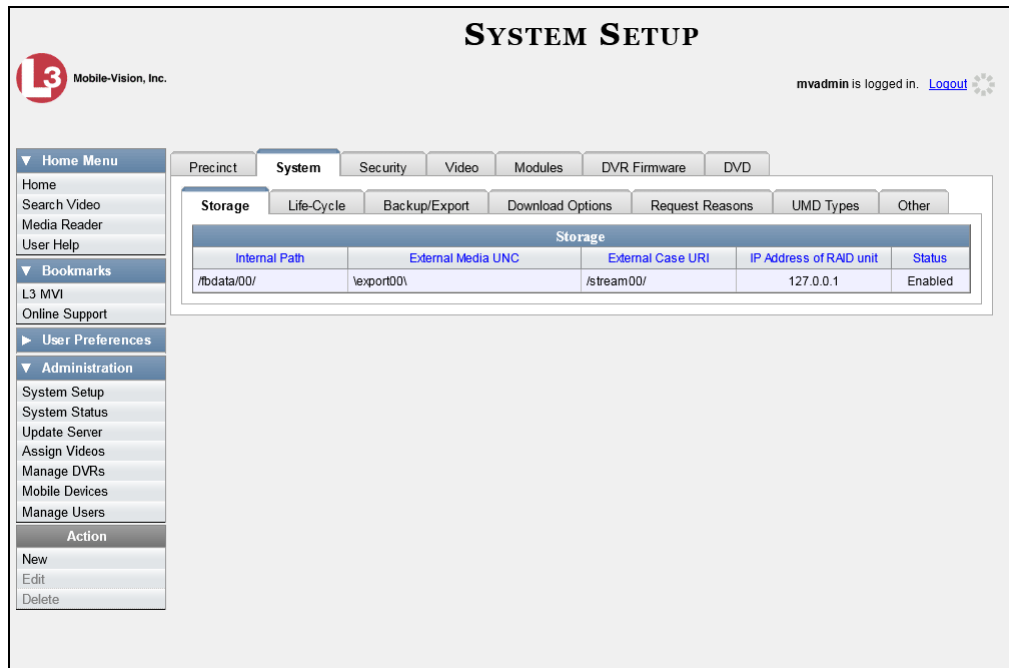
- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



The screenshot shows the 'SYSTEM SETUP' interface. The 'Administration' menu is expanded, and 'System Setup' is selected. The 'Precinct' tab is active, displaying a table with the following data:

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

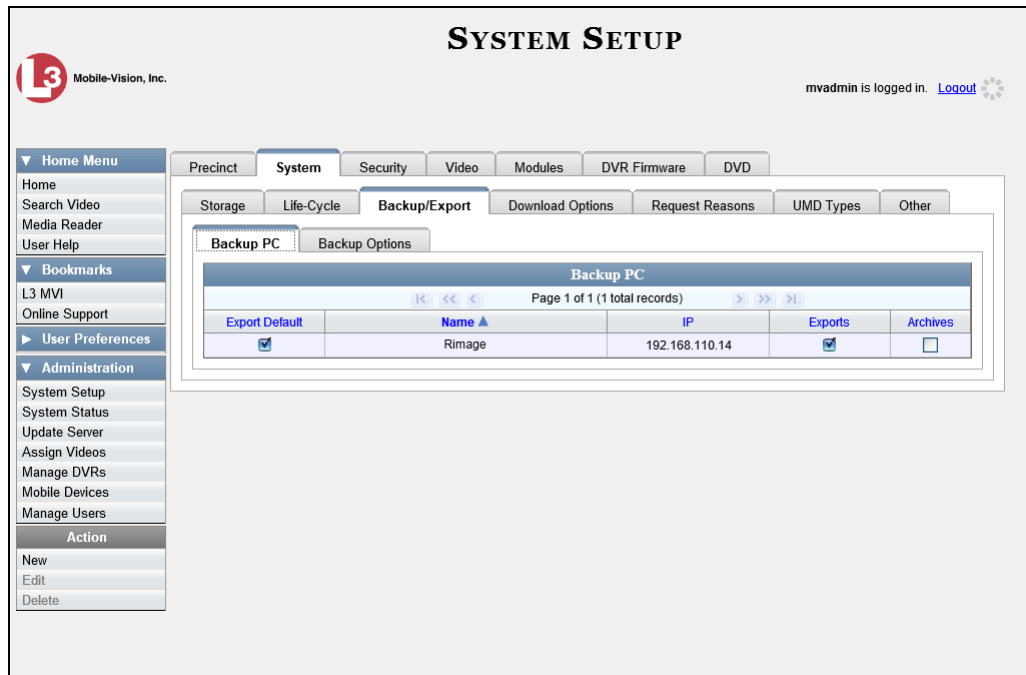
- 2 Click the **System** tab.



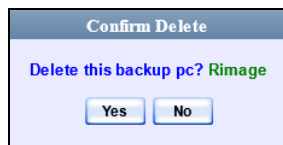
The screenshot shows the 'SYSTEM SETUP' interface with the 'System' tab selected. The 'Storage' sub-tab is active, displaying a table with the following data:

Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\\export00\	/stream00/	127.0.0.1	Enabled

- 3 Click the **Backup/Export** tab.



- 4 Make sure that the **Backup PC** tab is selected, as pictured above.
- 5 Right-click on the Backup PC record you wish to delete, then select **Delete** from the popup menu. A confirmation message displays.



- 6 Click **Yes**. The selected record is removed from the system.

Viewing the Backup PC Status Page

This section describes how to view the current status of a Backup PC workstation.

- 1 Go to **Administration** and click **System Status**. The System Status page displays.

SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB	✓	Active Users:	
Available Disc Space:	485 GB	✓	• mvadmin From 166.20.100.42 Since 02/11/2019 17:48	
Enabled DVRs:	28	✓		
Disabled DVRs:	20	✓		
Total Video Count:	269	✓		
Non-archived Video Count:	50	✓		
Last 24 Hours Video Count:	0	✓		
Last 7 Days Video Count:	0	✓		
Last 30 Days Video Count:	0	✓		
Body Worn Video Count:	111	✓		
Body Worn Hours:	16	✓		
Average Body Worn Video Length:	8 min	✓		
VieVu Video Count:	0	✓		
Oldest Non-case Video:	1356 days	✓		
Number of Backup DVDs:	230	✓		
Number of Exported DVDs:	125	✓		
Archiver Errored Out:	false	✓		
Downloader Errored Out:	false	✓		
Simultaneous Users Allowed:	unlimited	✓		
Backup Scheme:	some_cmt	✓		
Untagging Allowed:	true	✓		
Last Update Check:	02/06/2019 03:30	✓		
Version:	4.0.10	✓		

- 2 Click the **Backup PC** tab. The current status of your Backup PC displays. If there are any error messages, they will display here.

SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Current Status						
Name	State	Error Message	Discs	Ribbon Count	Black/Color %	Version
Rimage	READY	No Errors	9/5	341	--	8.7.56.0

The columns on this page are described in the following table.

Backup PC	
Column	Description
Name	The name of this Backup PC
State	The current state of this Backup PC: <ul style="list-style-type: none"> ▪ READY. Backup PC is up and running; DVD burner is ready to burn ▪ ERROR. A problem has occurred that is preventing the Backup PC from processing burn request(s). ▪ OFFLINE. The Backup PC and/or robotic DVD burner is turned off.
Error Message	A description of the error that has occurred, if applicable. You can fix many of these problems yourself (for example, <i>The color cartridge is in the black cartridge holder</i> , or <i>The cover on the unit has been open for an extended period of time</i>). However, if you encounter a problem that you <i>can't</i> fix on your own, feel free to contact Mobile-Vision Support for assistance.
Discs	The number of discs that are left in the DVD burner's input bin(s). When this number gets low, you need to add more discs to the input tray(s).
Ribbon Count <i>(Rimage units only)</i>	The exact number of disc labels that can still be printed using the Rimage's heat transfer printing mechanism.
Black Color % <i>(Bravo units only)</i>	The percentage of remaining ink left in the Bravo's ink jet cartridges.
Version	<i>This field is used by Mobile-Vision employees only.</i>

6 Utilities

This chapter describes how to perform those system maintenance procedures that are not covered in any other part of this guide. Perform these procedures in response to agency needs, user requests, and/or *Inbox* messages received.

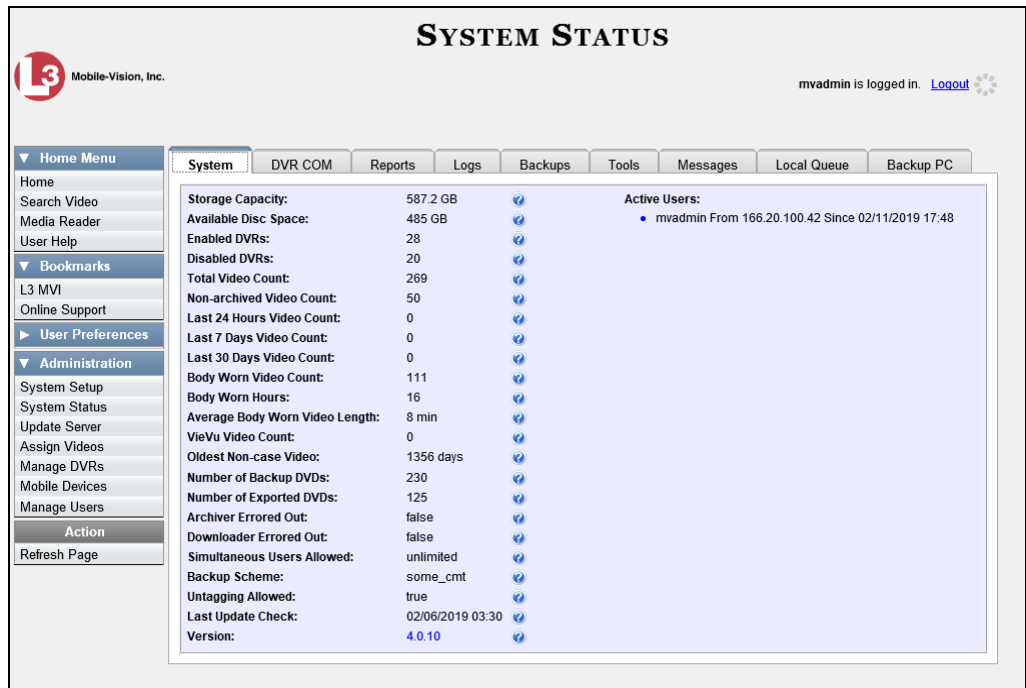
For more information, see:

- Viewing the System Logs, next page
- Viewing System Alerts from the 'Messages' Tab, page 359
- Updating Precinct Information, page 361
- Changing the Application Display Logo, page 362
- Maintaining Storage Devices, page 364
- Viewing/Changing the Online Lifecycle Settings, page 370
- Activating a New Module, page 373
- Viewing the System Status Page, page 377
- Viewing/Printing Software Release Notes, page 381
- Accessing Product Manuals & Training Videos, page 382
- Updating the Application, page 384
- Changing the Session Timeout Setting, page 392
- Changing the Application's Color Scheme, page 394
- Downloading the Support Logs, page 396
- Downloading the Java Runtime Environment (JRE) Application, page 398
- Maintaining Bookmarks, page 400
- Changing the Number of Rows Per Page, page 406.

Viewing the System Logs

This section describes how to view the system logs. These logs track changes and updates to the system settings.

- Go to **Administration** and click **System Status**. The System Status page displays.



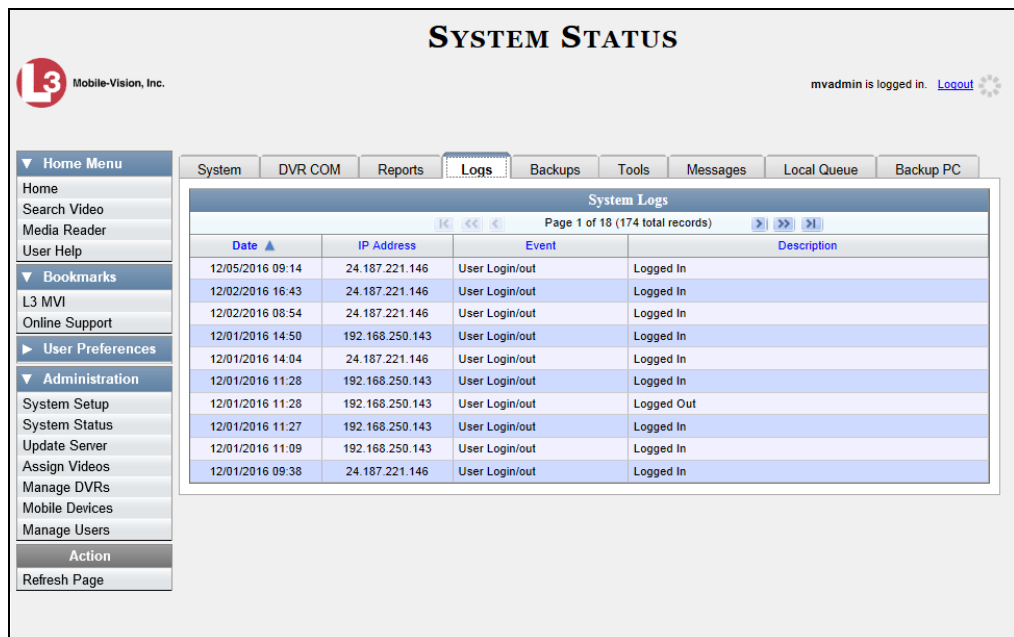
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB		Active Users:	
Available Disc Space:	485 GB		• mvadmin From 166.20.100.42 Since 02/11/2019 17:48	
Enabled DVRs:	28			
Disabled DVRs:	20			
Total Video Count:	269			
Non-archived Video Count:	50			
Last 24 Hours Video Count:	0			
Last 7 Days Video Count:	0			
Last 30 Days Video Count:	0			
Body Worn Video Count:	111			
Body Worn Hours:	16			
Average Body Worn Video Length:	8 min			
VieVu Video Count:	0			
Oldest Non-case Video:	1356 days			
Number of Backup DVDs:	230			
Number of Exported DVDs:	125			
Archiver Errored Out:	false			
Downloader Errored Out:	false			
Simultaneous Users Allowed:	unlimited			
Backup Scheme:	some_cmt			
Untagging Allowed:	true			
Last Update Check:	02/06/2019 03:30			
Version:	4.0.10			

- Click the **Logs** tab. The system logs display.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | **Logs** | Backups | Tools | Messages | Local Queue | Backup PC

System Logs

Page 1 of 18 (174 total records)

Date ▲	IP Address	Event	Description
12/05/2016 09:14	24.187.221.146	User Login/out	Logged In
12/02/2016 16:43	24.187.221.146	User Login/out	Logged In
12/02/2016 08:54	24.187.221.146	User Login/out	Logged In
12/01/2016 14:50	192.168.250.143	User Login/out	Logged In
12/01/2016 14:04	24.187.221.146	User Login/out	Logged In
12/01/2016 11:28	192.168.250.143	User Login/out	Logged In
12/01/2016 11:28	192.168.250.143	User Login/out	Logged Out
12/01/2016 11:27	192.168.250.143	User Login/out	Logged In
12/01/2016 11:09	192.168.250.143	User Login/out	Logged In
12/01/2016 09:38	24.187.221.146	User Login/out	Logged In

The columns on this form are described below.

System Logs	
Column	Description
Date	The date and time at which this event occurred. Displays in mm/dd/yyyy hh:mm format.
IP Address	The IP address of the machine from which the change was made.
Event	The type of change that was made to the system.
Description	A detailed description of the change that was made, including: <ul style="list-style-type: none"> ▪ Name and ID number of field changed ▪ Old field value ▪ New field value ▪ User who made the change


- 3 If necessary, use the navigation arrows at the top of the page to scroll through the complete logs list.

Viewing System Alerts from the 'Messages' Tab

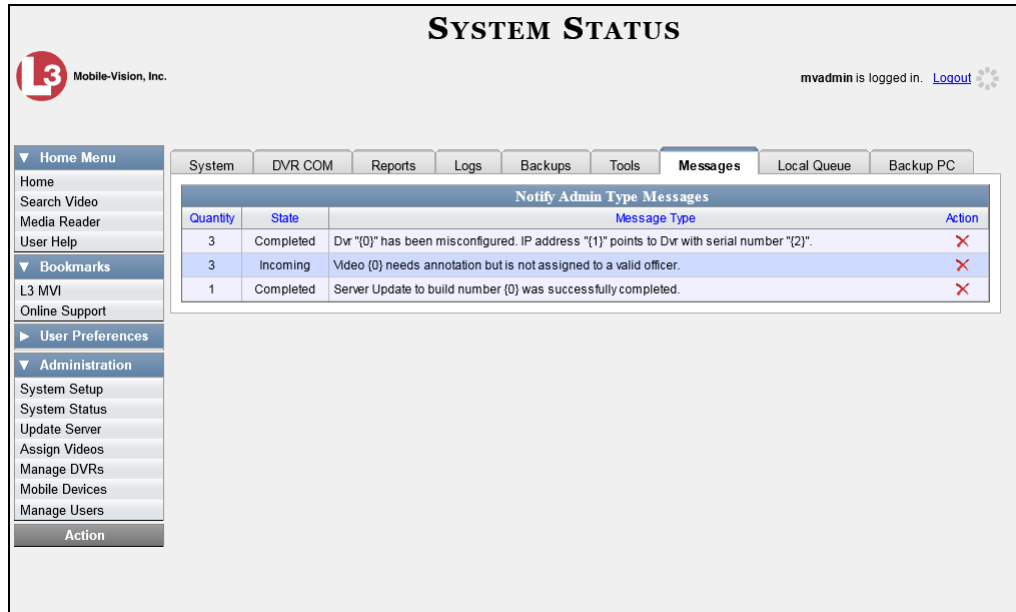
Occasionally, the system may send alert messages to the System Administrator, informing you of a possible problem or error that may require some action on your part. These messages show up in two places: on your Home page's *Inbox Messages* list, and on the *Messages* tab. The difference between viewing messages on the *Inbox Messages* list and viewing them on the *Messages* tab is that the messages on the *Messages* tab are grouped by *type*, whereas the messages on the *Inbox Messages* list are listed *individually*. Also, the messages on the Home page may be mixed in with other non-urgent messages, such as burn requests.

If, for example, you have fifty different 404 errors, all 404 errors would show up on the *Messages* tab as one entry with the number **50** in the *Quantity* column. Any unique information associated with these errors (e.g., the system path for the video file that threw the error) are masked out by brackets; therefore you lose any message-specific information. In contrast, on the Home page's *Inbox Messages* list, you would see all fifty 404 errors, including the actual paths to the videos that caused the errors.

As System Administrator, you may want to review the combined system messages on the *Messages* tab first (as described in this section), and then review individual messages on the Home page if more information is required.

- 1 Go to  and click **System Status**. The System Status page displays, as pictured on the previous page.

- Click the **Messages** tab. Any alert messages for the System Administrator display.



SYSTEM STATUS

Mobile-Vision, Inc. madmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | **Messages** | Local Queue | Backup PC

Notify Admin Type Messages			
Quantity	State	Message Type	Action
3	Completed	Dvr "{0}" has been misconfigured. IP address "{1}" points to Dvr with serial number "{2}".	✕
3	Incoming	Video {0} needs annotation but is not assigned to a valid officer.	✕
1	Completed	Server Update to build number {0} was successfully completed.	✕

The columns on this tab are described below.

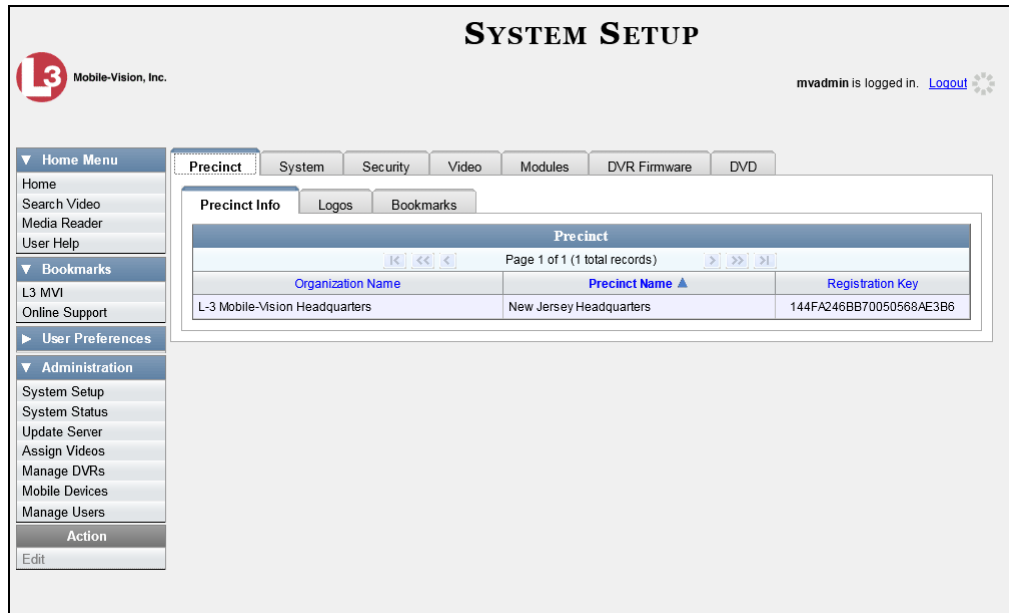
Messages Tab	
Column	Description
Quantity	The number of messages related to the issue described in the <i>Message Type</i> column.
State	The current status of the issue described in the <i>Message Type</i> column.
Message Type	A description of the system issue. Because system messages are grouped by <i>type</i> , any information that is specific to an individual message is replaced by {0} . If you want to review the specific message content, you will have to view the message from your <i>Inbox Messages</i> list on the Home Page.
Action	An icon used to delete all messages related to the issue described in the <i>Message Type</i> column.

- After you have resolved the issue associated with an alert message, click the ✕ to the right of that message to delete all messages related to that issue.

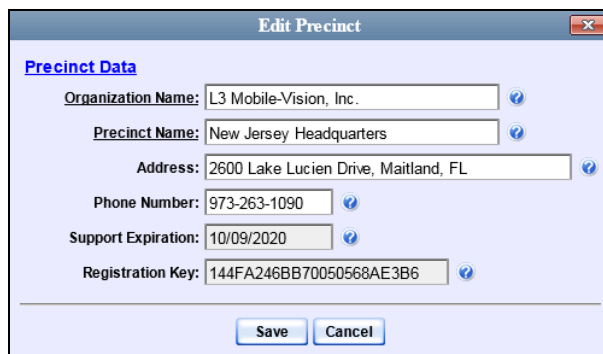
Updating Precinct Information

During installation, you will enter your Precinct information into DEV. By default, the system prints some of this information on your archive DVDs, including your precinct's name and phone number. This section describes how to update your precinct information as needed.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



- 2 If it is not already selected, click the **Precinct** tab.
- 3 If it is not already selected, click the **Precinct Info** tab.
- 4 Right-click on the precinct record, then select **Edit** from the popup menu. The Edit Precinct popup displays.



The Precinct Data fields are described in the table on the next page.

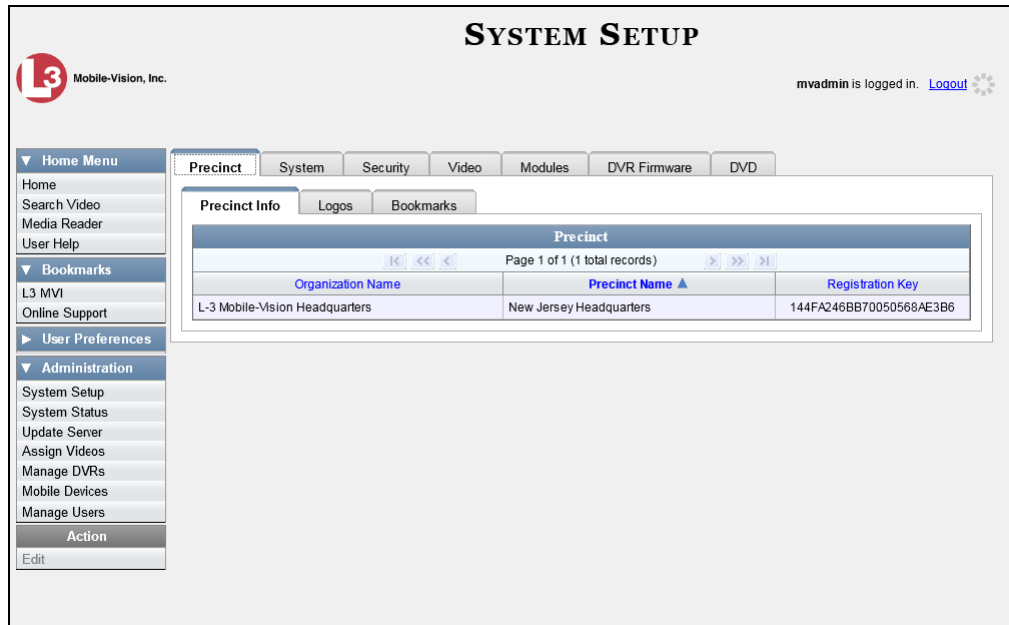
Precinct Data	
Field	Description
Organization Name	The name of your agency. By default, the system will print this field on your archive DVDs.
Precinct Name	The name of the precinct that this DEV server PC is installed at, if applicable. If you don't need this field to specify precinct information, you can use it to enter default text that you wish to print on archive/export discs, such as "For Official Use Only."
Address	Your precinct's mailing address.
Phone Number	Your precinct's phone number. By default, the system will print this field on your archive DVDs.
Support Expiration	The date on which your service contract with Mobile-Vision expires. <i>Display-only field.</i>
Registration Key	Your DEV product identification code. <i>Display-only field.</i>

- 5 Enter your changes in the appropriate field(s).
- 6 Click **Save**.

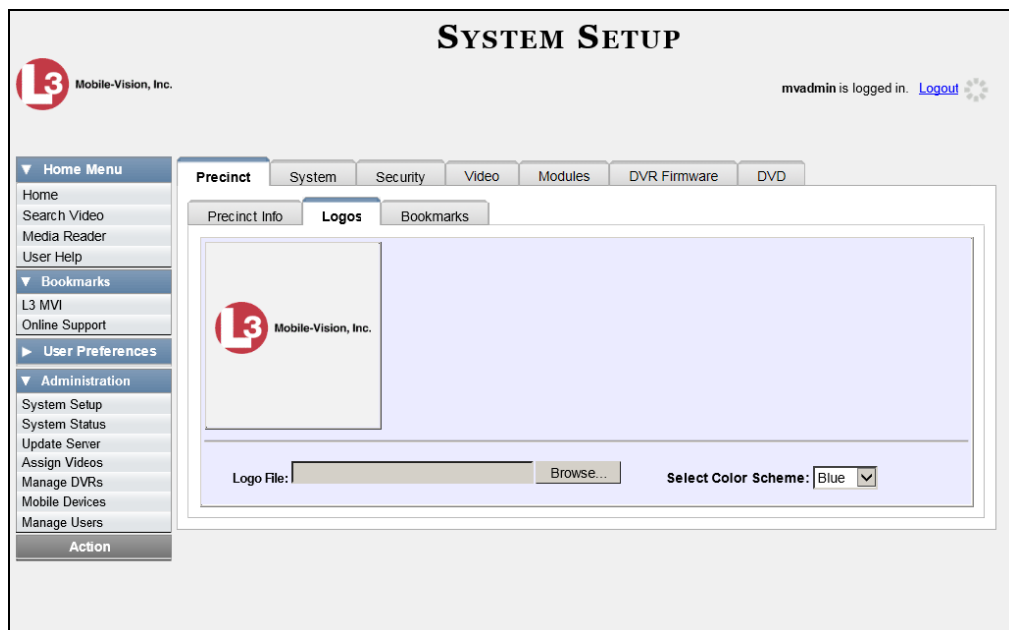
Changing the Application Display Logo

This section describes how to change the graphics file that displays in the upper left corner of the DEV application. You may, for example, want to replace the default logo with your agency's logo.

- 1 Go to  and click **System Setup**. The System Setup page displays.

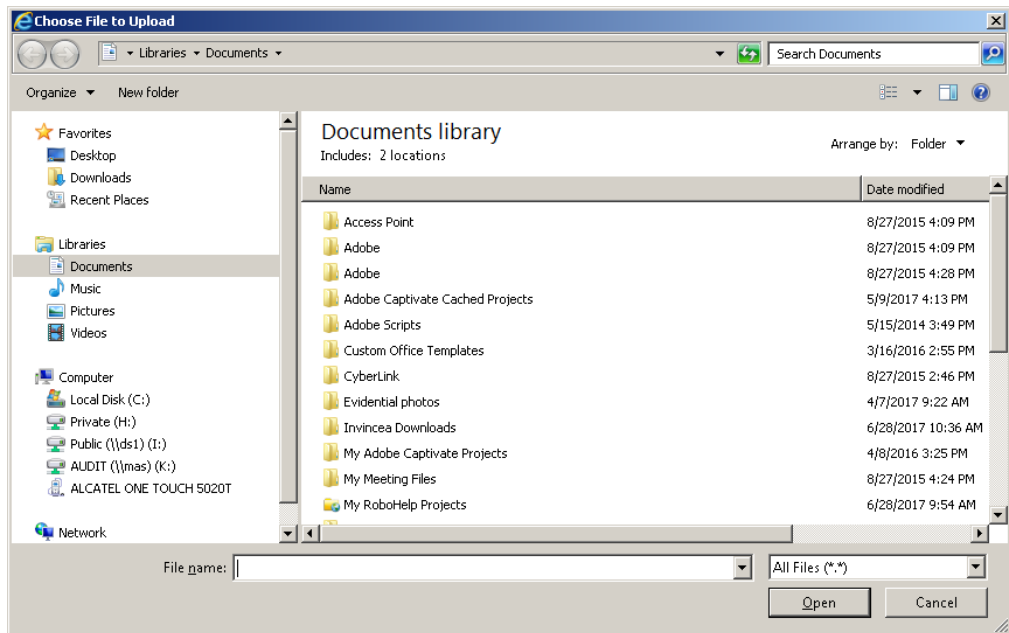


- 2 If it is not already selected, click the **Precinct** tab. Your precinct record displays, as pictured above.
- 3 Click the **Logos** tab. If you previously uploaded any graphics files to DEV, a thumbnail image of those file(s) will display on-screen. Otherwise just the Mobile-Vision logo will display.



- 4 If the desired graphic already displays on-screen, skip to step 8. Otherwise proceed to the next step.

- 5 Click the **Browse** button to the right of the *Logo File* field.



- 6 Navigate to the disk drive location where the graphics file is located.
- 7 Double-click on the graphics file you wish to upload. A thumbnail image of the graphic displays in the space above the *Logo File* field.
- 8 Click on the thumbnail image of the graphic you wish to display. That graphic will appear in the upper left corner of the DEV application.

Note that the graphic you select here will display on *every* page of DEV, not just on the Home page.

Maintaining Storage Devices

The **Storage** tab lists the settings that DEV uses to determine where data is stored on the server PC and how to interact with client workstations.

At system start-up, you enter a storage machine record that points to your server PC data. Thereafter, you do not need to modify this data unless the disk resources available to the server PC change.



WARNING: Do not modify any of the field values on a Storage Device record without the assistance of your agency's network specialist OR a Mobile-Vision Technical Support Engineer. Entering incorrect data could have dire consequences. Some of your video could become inaccessible, wireless transmission could fail, and/or data could be permanently lost.

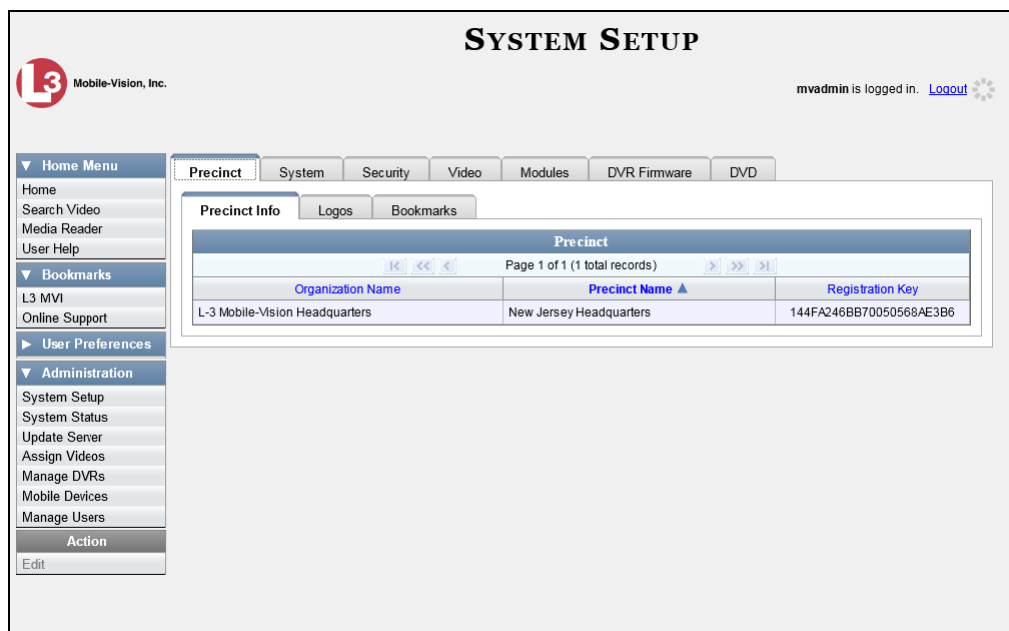
For specific instructions, see:

- Adding a Storage Device, below
- Viewing/Changing a Storage Device, page 367
- Deleting a Storage Device, page 369.

Adding a Storage Device

This section describes how to set up a new storage device in DEV. Perform this task when your agency acquires a new storage unit for your server PC, such as an external hard drive.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: Edit

System Setup Tabs: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

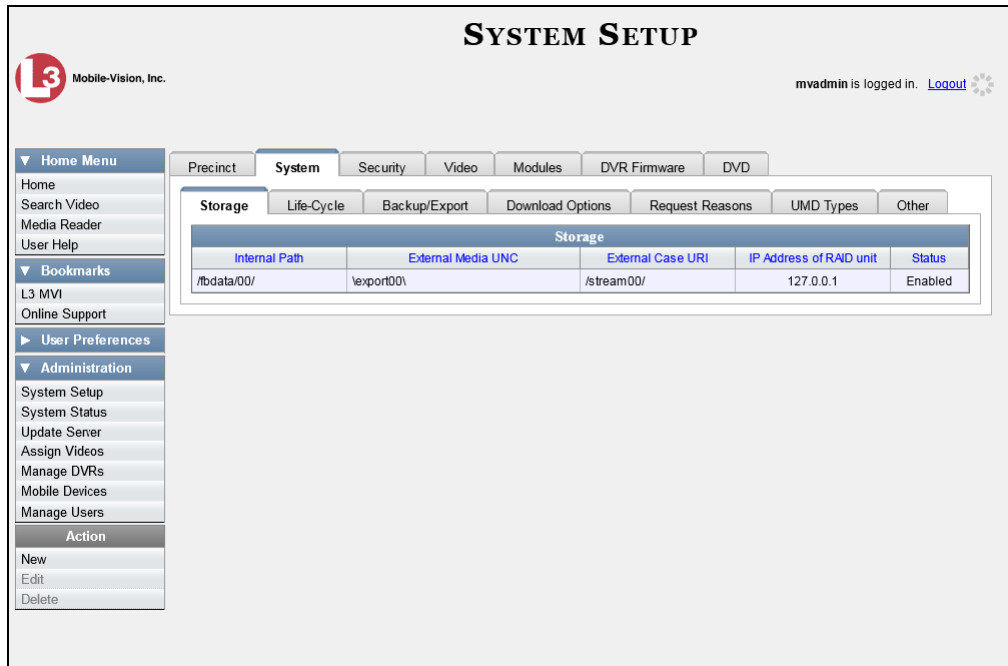
Precinct Info: Logos, Bookmarks

Precinct Table:

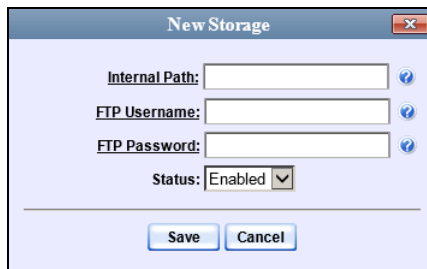
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.

(Continued)



- 3 If it is not already selected, click the **Storage** tab.
- 4 Go to the **Action** column and click **New**. The New Storage popup displays.



The fields on the New Storage popup are described below.

New Storage	
Field	Description
Internal Path	The server path to the storage machine being added.
FTP Username	The FTP user account for this storage device.
FTP Password	The FTP password for this storage device.
Status	The current status of this storage device: <ul style="list-style-type: none"> ▪ <i>Enabled</i>. This storage device is available to receive videos. ▪ <i>Disabled</i>. The storage device is <i>not</i> available to receive videos.



NOTE: The values entered on this form *must* match the actual configuration of the server PC.

- 5 Enter the top level path to data storage (/fbdata/xx) in the *Internal Path* field.
- 6 Enter the FTP user account for this storage device in the *FTP Username* field.
- 7 Enter the FTP password for this storage device in the *FTP Password* field.
- 8 If this storage device will be immediately available to receive videos (default), proceed to the next step.
– OR –
If this storage device will *not* be immediately available to receive videos, select **Disabled** from the *Status* drop-down list.
- 9 Click **Save**. A confirmation message displays at the top of your page.

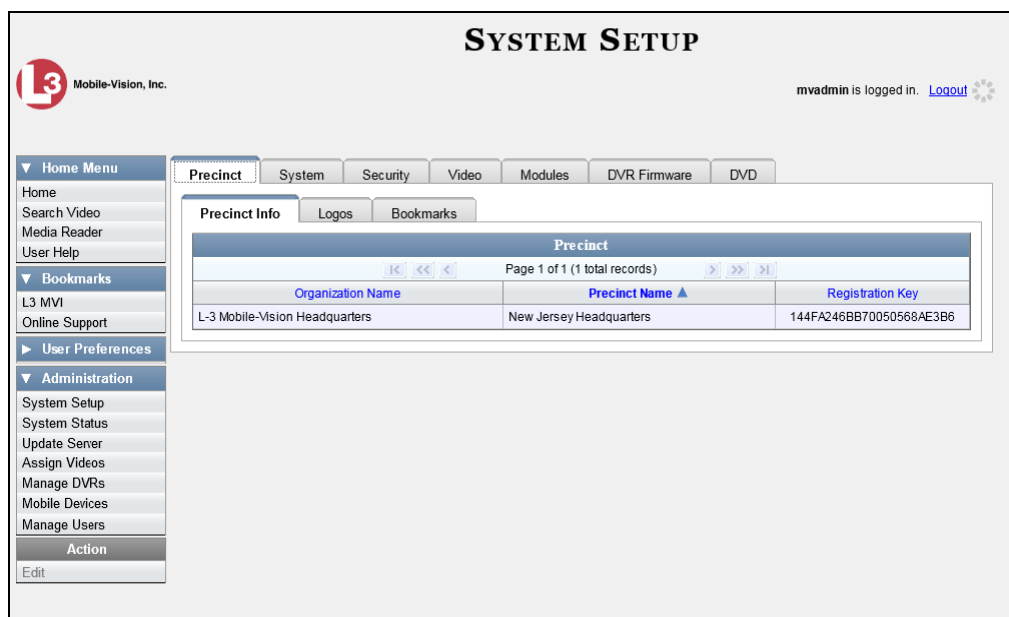
Storage save successful

Viewing/Changing a Storage Device

This section describes how to view and/or update a storage machine record. These records contain the settings that DEV uses to determine where data is stored on the server PC and how to interact with client workstations.

Because server PC data is configured at system start-up, you do not need to modify this data unless the disk resources available to the server PC have changed.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. Logout

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

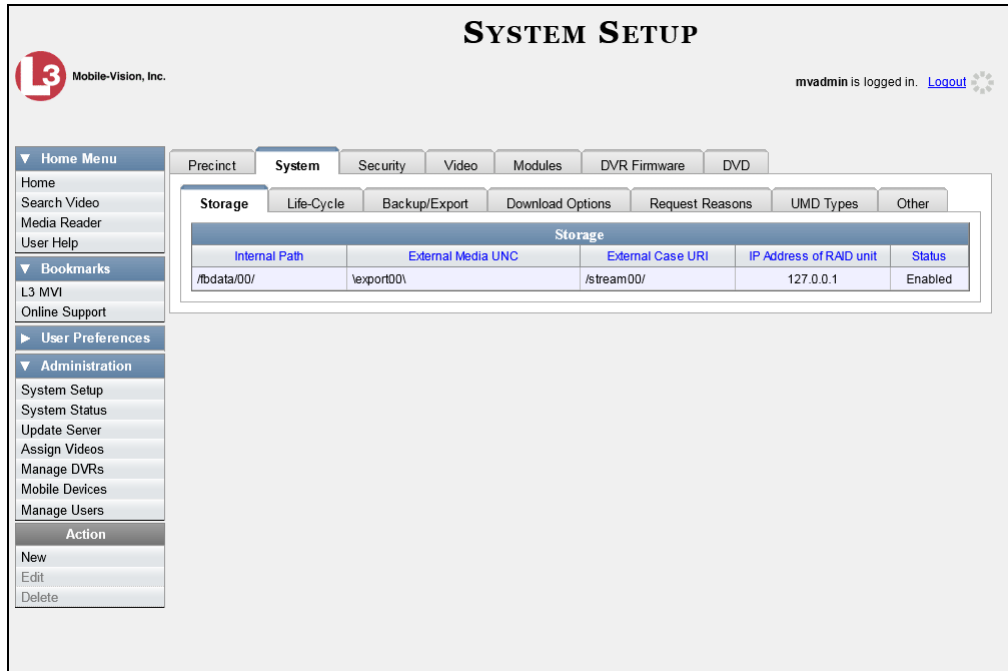
Action: Edit

System Setup Tabs: Precinct, System, Security, Video, Modules, DVR Firmware, DVD

Precinct Info Tabs: Precinct Info, Logos, Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.



The screenshot shows the 'SYSTEM SETUP' page for Mobile-Vision, Inc. The 'System' tab is selected in the top navigation bar. Below it, the 'Storage' sub-tab is active, displaying a table of storage configurations. The table has five columns: Internal Path, External Media UNC, External Case URI, IP Address of RAID unit, and Status. The first row shows the following values: /bdata/00/, \\export001, /stream00/, 127.0.0.1, and Enabled.

Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\\export001	/stream00/	127.0.0.1	Enabled

- 3 If it is not already selected, click the **Storage** tab.
- 4 Right-click on the storage device you wish to view/edit, then select **Edit** from the popup menu. The Edit Storage popup displays.

For a description of the fields on this form, see the table on page 366.

- 5 To change your storage configuration, proceed to the next step. Otherwise click **Cancel** to close the popup.



WARNING: Do not modify any of the field values on this popup without the assistance of your agency's network specialist OR a Mobile-Vision Technical Support Engineer.

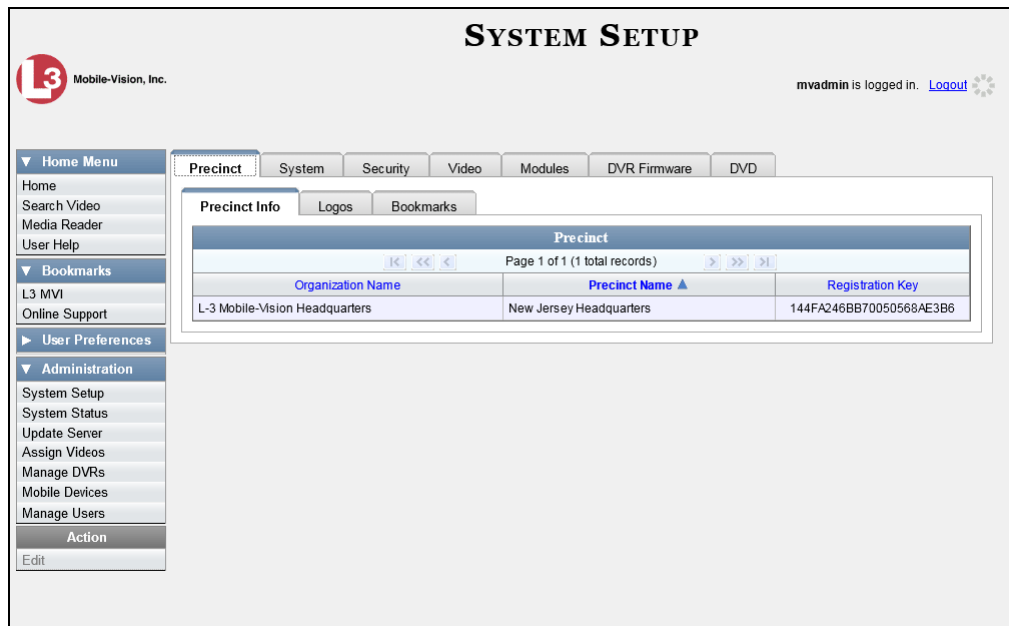
- 6 Enter your changes in the appropriate field(s).
- 7 Click **Save**. A confirmation message displays at the top of the page.

Storage save successful

Deleting a Storage Device

This section describes how to delete an existing storage device record. Only perform this procedure when instructed to do so by a Mobile-Vision Technical Support Engineer.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



- 2 Click the **System** tab, as pictured on the previous page.
- 3 Make sure that the **Storage** tab is selected.
- 4 Right-click on the storage device you wish to delete, then select **Delete** from the popup menu. A confirmation message displays.



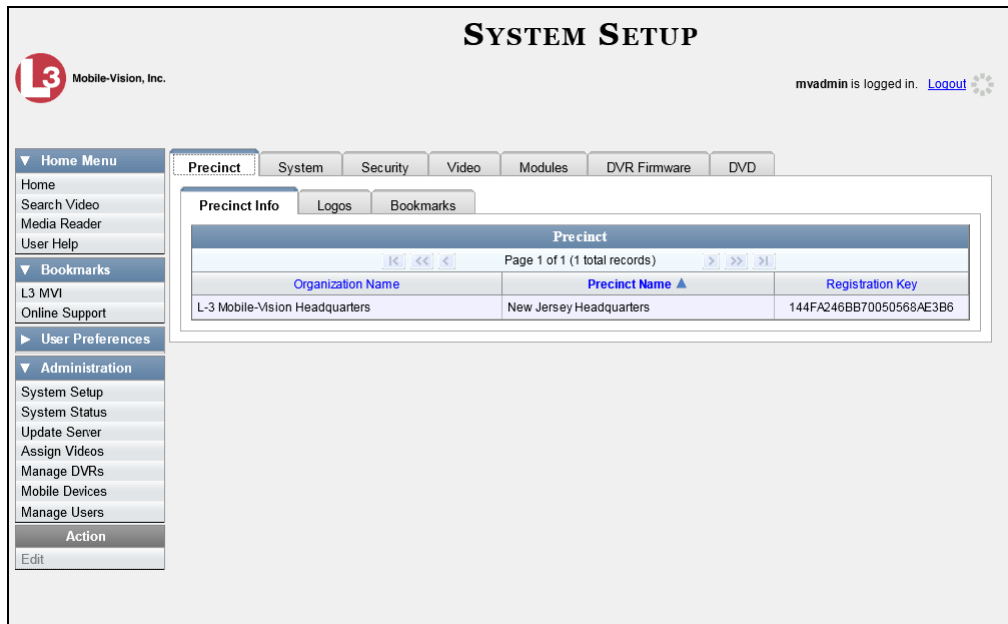
- 5 Click **Yes**. The selected storage device is removed from the Storage list.

Viewing/Changing the Online Lifecycle Settings

This section describes how to change the lifecycle settings for video and snapshot files. These settings determine:

- How long various files will stay online
- When/if files will be purged, and
- When/if files can be restored to the server PC.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: Edit

System | Security | Video | Modules | DVR Firmware | DVD

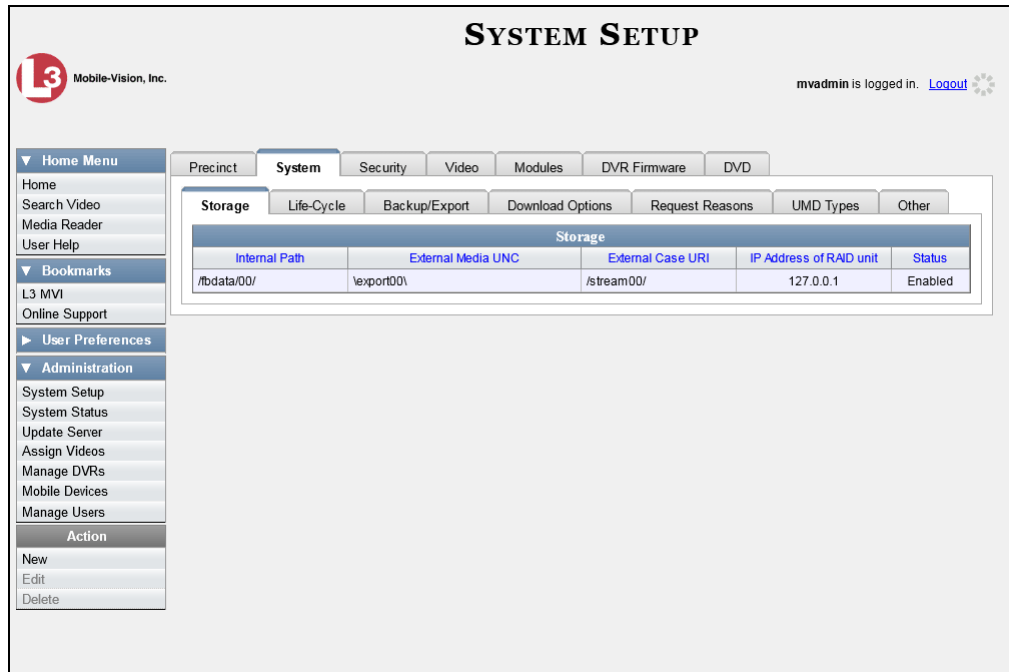
Precinct Info | Logos | Bookmarks

Precinct

Page 1 of 1 (1 total records)

Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

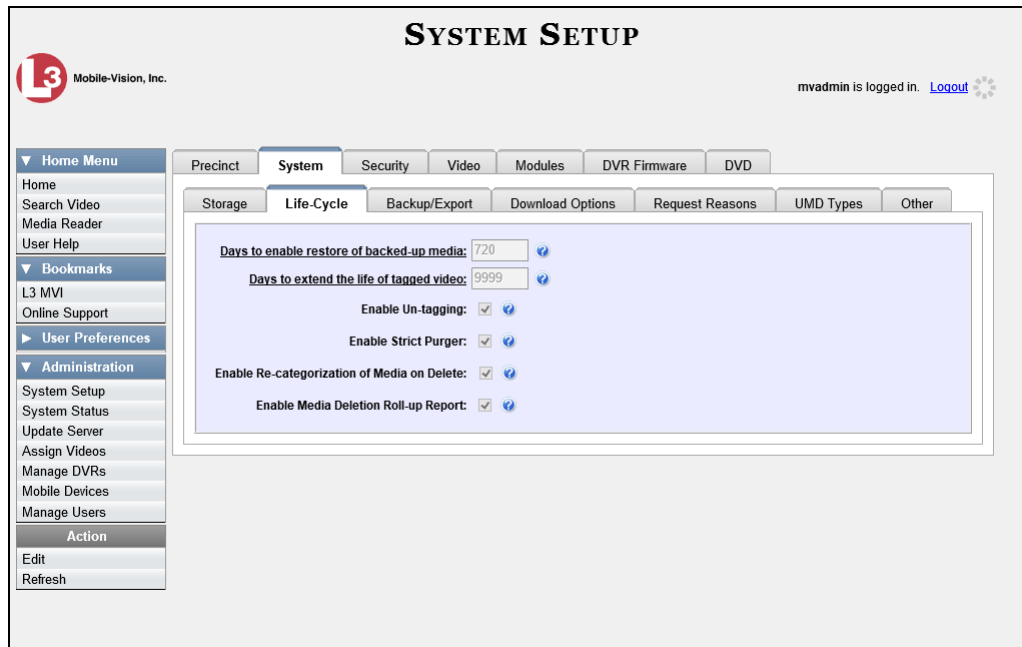
Navigation: Precinct | **System** | Security | Video | Modules | DVR Firmware | DVD

Sub-navigation: Storage | Life-Cycle | Backup/Export | Download Options | Request Reasons | UMD Types | Other

Storage				
Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\\export00\	/stream00/	127.0.0.1	Enabled

Left sidebar menu includes: Home Menu, Bookmarks, User Preferences, Administration (System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users), and Action (New, Edit, Delete).

3 Click the **Life-Cycle** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Navigation: Precinct | **System** | Security | Video | Modules | DVR Firmware | DVD

Sub-navigation: Storage | **Life-Cycle** | Backup/Export | Download Options | Request Reasons | UMD Types | Other

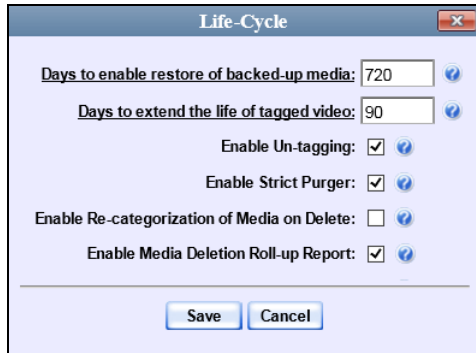
Life-Cycle settings:

- Days to enable restore of backed-up media: 720
- Days to extend the life of tagged video: 9999
- Enable Un-tagging:
- Enable Strict Purger:
- Enable Re-categorization of Media on Delete:
- Enable Media Deletion Roll-up Report:

Left sidebar menu includes: Home Menu, Bookmarks, User Preferences, Administration (System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users), and Action (Edit, Refresh).

4 Go to the **Action** column and click **Edit**. The Life-Cycle form displays.

(Continued)



The fields on this form are described below.

Online Lifecycle	
Field	Description
Days to enable restore of backed-up media	The minimum number of days that a video or snapshot will stay in an <i>offline</i> and <i>restorable</i> state before the system permanently removes it from the database. Default is 720 days.
Days to extend the life of tagged video	The number of additional days that a tagged video or snapshot will stay online beyond its original life expectancy. Default is 60 days. For more on tagging, see “Tagging” in chapter 2.
Enable Un-tagging <i>For more on tagging, see “Tagging” in chapter 2.</i>	<input checked="" type="checkbox"/> If this checkbox is selected, then users are allowed to remove the “tagged” designation from a video or snapshot (i.e., “un-tag” a previously tagged record). <input type="checkbox"/> If this checkbox is <i>not</i> selected, then users are <i>not</i> allowed to remove the “tagged” designation from a video or snapshot.
Enable Strict Purger	<input checked="" type="checkbox"/> If this checkbox is selected, the system will move videos and snapshots offline as soon as 1) the video or snapshot ages out, and 2) the video or snapshot has been archived, assuming that it is a backup-enabled video. <input type="checkbox"/> If this checkbox is <i>not</i> selected, the system will move aged-out videos and snapshots offline only when space is needed on the server PC. Until then, they will remain online.
Enable Re-categorization of Media on Delete	<input checked="" type="checkbox"/> If this checkbox is selected, the system will re-assign expired* videos and snapshots (<i>Continued</i>)

* Media that is too old to be reactivated, based on its category’s *Days Online* setting and other system settings.

Online Lifecycle (cont'd)	
Field	Description
Enable Re-categorization of Media on Delete (cont'd)	<p>the category of “Purged”, which will keep that media in an <i>offline</i> but <i>restorable</i> state on the server indefinitely.</p> <p><input type="checkbox"/> If this checkbox is <i>not</i> selected, the system will permanently purge expired videos and snapshots from the server.</p>
Enable Media Deletion Roll-up Report	<p><input checked="" type="checkbox"/> If this checkbox is selected, the system will generate a Media Deletion Roll-Up Report, also referred to as a <i>Video Deletion Roll-Up Report</i>. This report lists details regarding all videos and snapshots that have become “unrestorable” each month, according to your system settings. To access this report, see “Generating the Video Deletion Roll-Up Report” in chapter 3.</p> <p><input type="checkbox"/> If this checkbox is <i>not</i> selected, the system will <i>not</i> generate a Media Deletion Roll-Up Report each month.</p>

- 5 If you wish to change any of the online lifecycle settings, enter/select your changes in the appropriate field(s), then click **Save**.

– OR –

If you do *not* wish to change any of the online lifecycle settings, click **Cancel**.

Activating a New Module

This section describes how to activate a new module within DEV, such as the Viewer Module. Before proceeding, contact your Mobile-Vision Sales Representative at 800-336-8475.

There are two procedures used to activate a new module. Typically, you would use Procedure 1. However, if there is a technical problem or security issue of some kind, your Mobile-Vision Technical Support Engineer may instruct you to use Procedure 2 instead.

For specific instructions, see:

- Procedure 1: Activating a New Module via the Update Server, next page
- Procedure 2: Activating a New Module via the Modules Tab, page 375.

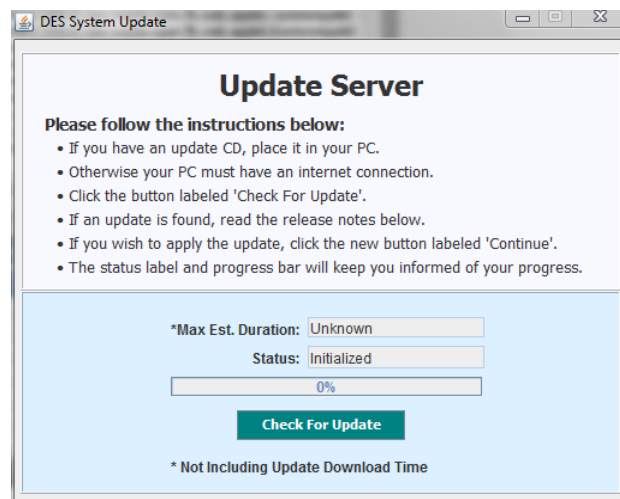
Procedure 1: Activating a New Module via the Update Server

This section describes how to activate a new module. After you perform this task, the system will automatically update the software license that is required to access your new module.

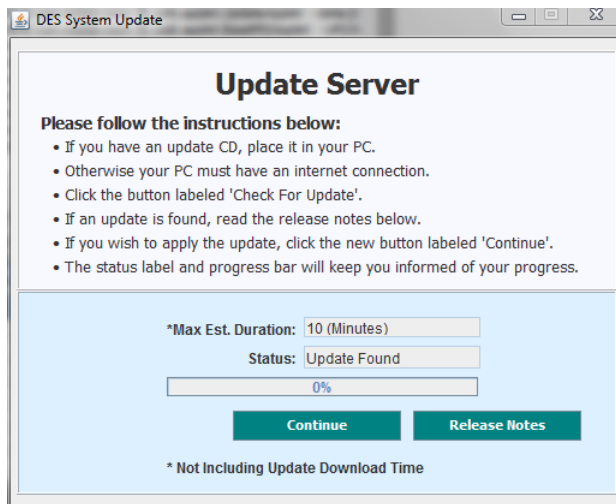
Please note that this procedure requires remote access to the Mobile-Vision update server. If this raises security concerns within your organization, you may wish to use Procedure 2 on page 375 instead.

Before performing this procedure, contact your Mobile-Vision Sales Representative.

- 1 Go to **Administration** and click **Update Server**.
 - ⇒ If the Update Server popup displays (typical), proceed to the next step.
 - ⇒ If a security popup displays, select the checkbox at the bottom of the popup, then click **Allow**. Next, select the checkbox at the bottom of the *second* popup, then click **Run**. The Update Server popup displays.



- 2 If our Service department provided you with an update CD, place that CD in your PC's DVD/CD tray. Otherwise proceed to the next step.
- 3 Click the **Check for Update** button. The system searches for the update. Once it's discovered, the message *Update Found* displays in the *Status* field.




- 4 Click **Continue** to begin the update. When the update is complete, the system logs you out of the application.
- 5 Restart your browser.
- 6 Log back into DEV.

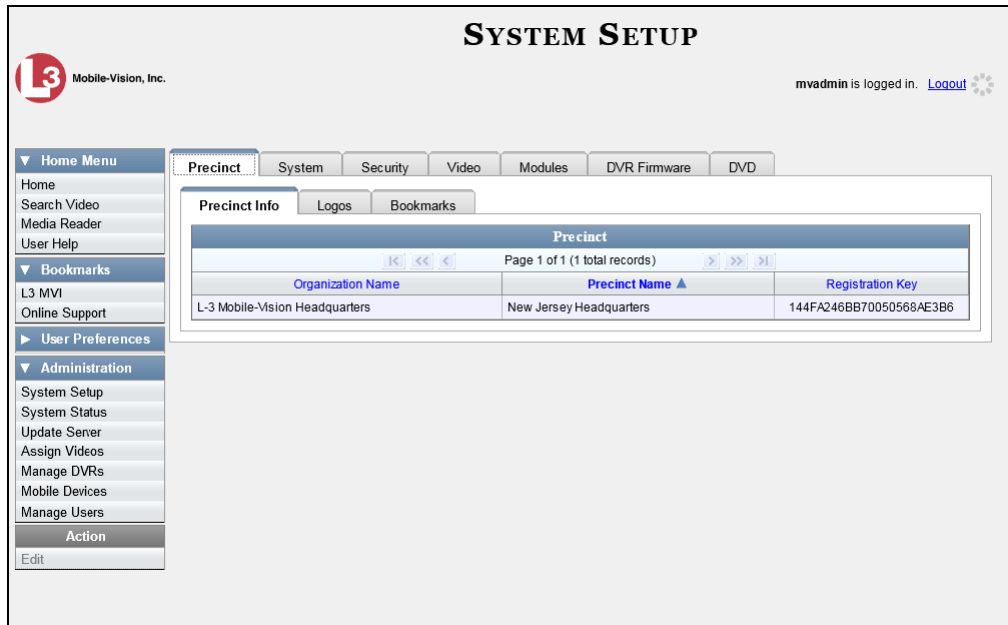
If you encounter any problems or error messages, your Mobile-Vision Technical Support Engineer may instruct you to perform Procedure 2, as described in the next section.

Procedure 2: Activating a New Module via the Modules Tab

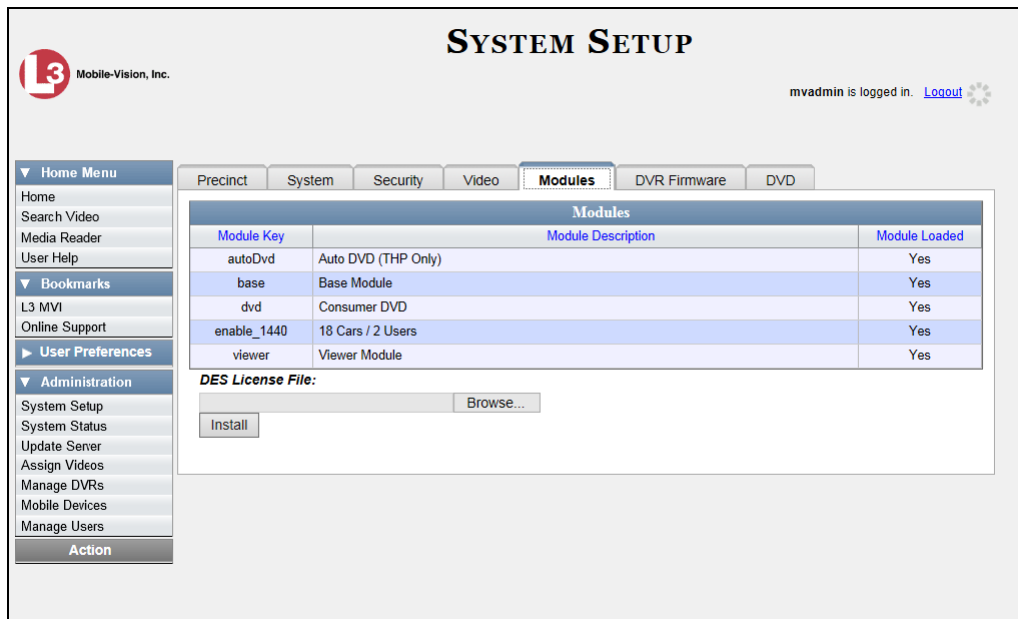
This section describes how to activate a new module. This is one of two procedures used to perform this task. Procedure 1 on page 374 is the simpler, preferred method. Only use Procedure 2 when one of the following conditions applies:

- You already tried Procedure 1 and it resulted in an error message
- Procedure 1 raises security concerns within your organization since it requires remote access to the Mobile-Vision update server
- Your Mobile-Vision Technical Support Engineer instructed you to use Procedure 2.

- 1 Call Mobile-Vision Technical Support at 800-336-8475.
- 2 Ask the Technical Support Engineer to create and email a new license file for the desired module.
- 3 After you receive the email attachment, place the new license file on your PC's desktop.
- 4 Go to  and click **System Setup**. The System Setup page displays.



5 Click the **Modules** tab.



6 Click the **Browse** button.

7 Navigate to your desktop where the installation file resides.

8 Double-click on the installation file. The file name displays in the *DES License File* field.

9 Click **Install**. The system begins installing the selected module. When the installation is complete, a confirmation message will display.

- **Module(s) successfully installed.**

10 Log off DEV.

11 Log back into DEV.

Viewing the System Status Page

This section describes how to view the System Status page. This page provides important information and statistics on videos, DVRs, backups, storage space, and users. It also indicates what version of the application you're running.



NOTE: When a video is referred to as “searchable,” it means that the record for that video still resides on the server. Such records may have a status of either *online* or *offline*. (For definitions, see chapter 1.)

1 Go to **Administration** and click **System Status**. The System Status page displays.

SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Navigation: **System** | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Metric	Value	Status	Active Users
Storage Capacity:	587.2 GB	✓	Active Users: • mvadmin From 166.20.100.42 Since 02/11/2019 17:48
Available Disc Space:	485 GB	✓	
Enabled DVRs:	28	✓	
Disabled DVRs:	20	✓	
Total Video Count:	269	✓	
Non-archived Video Count:	50	✓	
Last 24 Hours Video Count:	0	✓	
Last 7 Days Video Count:	0	✓	
Last 30 Days Video Count:	0	✓	
Body Worn Video Count:	111	✓	
Body Worn Hours:	16	✓	
Average Body Worn Video Length:	8 min	✓	
VieVu Video Count:	0	✓	
Oldest Non-case Video:	1356 days	✓	
Number of Backup DVDs:	230	✓	
Number of Exported DVDs:	125	✓	
Archiver Errored Out:	false	✓	
Downloader Errored Out:	false	✓	
Simultaneous Users Allowed:	unlimited	✓	
Backup Scheme:	some_cmt	✓	
Untagging Allowed:	true	✓	
Last Update Check:	02/06/2019 03:30	✓	
Version:	4.0.10	✓	

2 If it is not already selected, click the **System** tab, as pictured above. The statuses on this page are described in the table on the next page.

(Continued)

System Status Settings	
Field	Description
Storage Capacity	The total amount of usable space allotted for storing videos on the server PC.
Available Disk Space	The amount of storage space that is currently available to store videos.
Enabled DVRs	The number of active DVRs in your fleet. Active DVRs have a status of <i>Enabled</i> .*
Disabled DVRs	The number of inactive DVRs in your fleet. Inactive DVRs have a status of <i>Disabled</i> *. They cannot be used to record videos.
Total Video Count	The total number of searchable videos on the DEV server PC.
Non-archived Video Count	The number of videos on the server PC that have not been backed up to a Certified Backup Disc or external backup device.
Last 24 Hours Video Count	The number of videos that have been uploaded from DVRs to the server PC in the last 24 hours.
Last 7 Days Video Count	The number of videos that have been uploaded from DVRs to the server PC in the last seven days.
Last 30 Days Video Count	The number of videos that have been uploaded from DVRs to the server PC in the last 30 days.
Body Worn Video Count	The number of searchable <i>BodyVISION</i> and <i>BWX-100</i> videos that are currently on the server.
Body Worn Hours	The number of recorded hours from searchable <i>BodyVISION</i> and <i>BWX-100</i> videos that are currently on the server.
Average Body Worn Video Length	The average length, in minutes, of the searchable <i>BodyVISION</i> and <i>BWX-100</i> videos that are currently on the server.
VieVu Video Count	The number of searchable <i>VIEVU</i> videos that are currently on the server.
Oldest Video	The oldest video on the server PC.
Number of Backup DVDs	The total number of archive DVDs (i.e., <i>Certified Backup Discs</i>) that the system has burned since DEV was installed. This type of disc is burned automatically on a schedule.

* To view a particular DVR's status, go to ▼ **Administration** and click **Manage DVRs**.

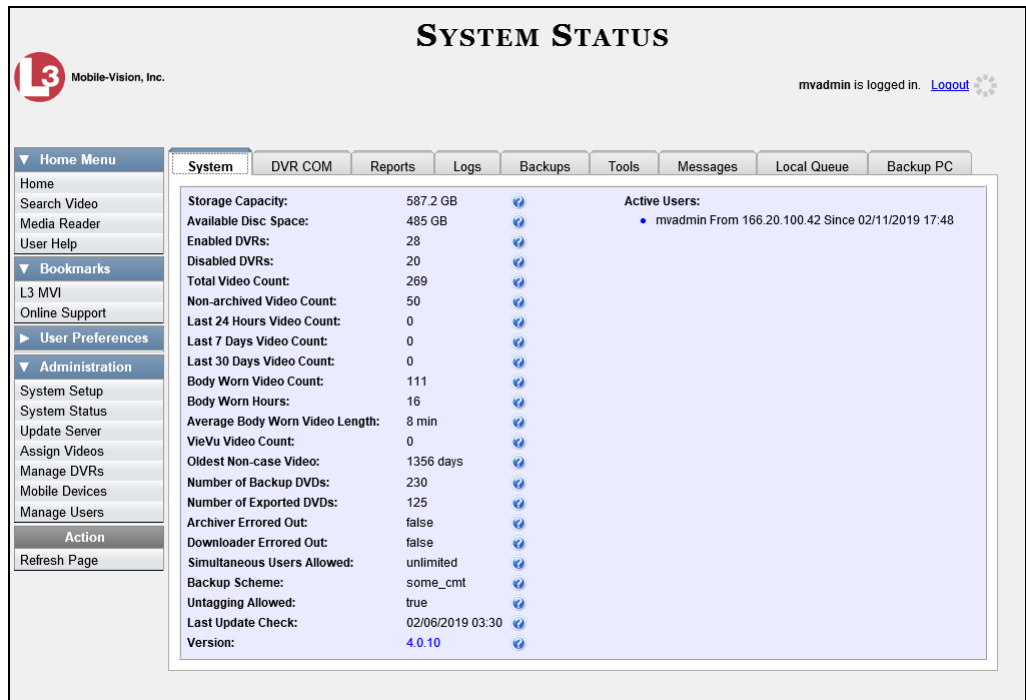
System Status Settings (cont'd)	
Field	Description
Number of Exported DVDs	The total number of export DVDs (i.e., <i>user requested certified copies</i>) that users have requested since DEV was installed. This type of disc is burned manually as needed.
Archiver Errored Out	A true/false display that indicates whether or not there is currently a problem with the archive service. Problems can occur either on the software side (DEV) or hardware side (DVD burner). <ul style="list-style-type: none"> ▪ True. There is an error with the archive service. ▪ False. There is no error with the archive service.
Downloader Errored Out	A true/false display that indicates whether or not there is currently a problem with the transmission of video files from DVR to server PC: <ul style="list-style-type: none"> ▪ True. There is a video transmission problem. ▪ False. There is no video transmission problem.
Simultaneous Users Allowed	The number of DEV users that are allowed on the application at the same time.
Backup Scheme	The current backup scheme: <ul style="list-style-type: none"> ▪ NONE. Do not backup anything ▪ ALL. Backup everything. If you select this option, the system will backup ALL videos, even if some of those videos have categories that are backup disabled. ▪ EXTERNAL. Backup everything to an external backup device ▪ CATEGORY. Backup any video that has a video category that is <i>Backup Enabled</i> ▪ TAGGED. Backup any video that is tagged by a user. If you select this option, the system will backup ALL tagged videos, even if some of those videos have categories that are backup disabled. <p>For assistance in creating a custom backup plan, contact Mobile-Vision Support.</p>
Untagging Allowed	A true/false display that indicates whether or not users are allowed to remove a tag from a previously tagged video. <ul style="list-style-type: none"> ▪ True. Untagging is allowed. This value will display if the <i>Enable Un-tagging</i> checkbox on the Life-Cycle tab is selected. ▪ False. Untagging is <i>not</i> allowed. This value will display if the <i>Enable Un-tagging</i> checkbox on the Life-Cycle tab is deselected.

System Status Settings (cont'd)	
Field	Description
Last Update Check	The last date and time at which the DEV update service connected to the Mobile-Vision update server.
Version	The version of DEV that you currently have installed. Whenever you call Mobile-Vision Technical Support, please have the current version number on hand. This field also includes a link to the technical Release Notes.
Active Users	Information on the user who is currently logged into DEV: <ul style="list-style-type: none"> ▪ User ID ▪ IP address of the PC from which the user logged in ▪ Date and time at which the user last logged in. Displays in mm/dd/yyyy hh:mm format.
Action	
Action	Description
Refresh Page	Redisplay the System Status page so that you can see any changes that have occurred since you first displayed the page. The system updates screen information every 15 minutes.

Viewing/Printing Software Release Notes

This section describes how to view and/or print the technical release notes for the current software release.

- 1 Go to **Administration** and click **System Status**. The System Status page displays.



SYSTEM STATUS

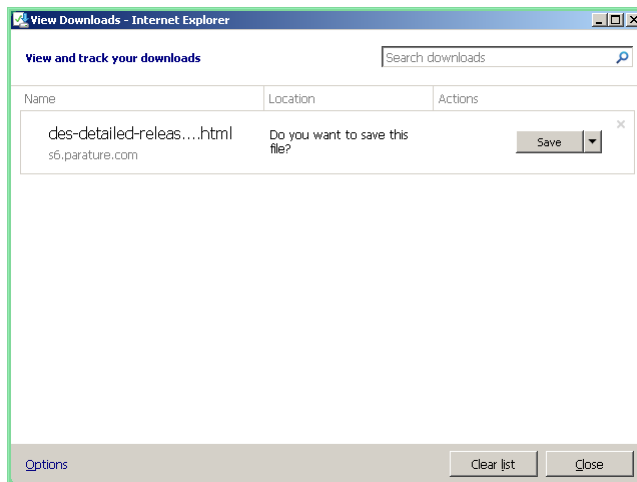
Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Metric	Value	Action
Storage Capacity:	587.2 GB	?
Available Disc Space:	485 GB	?
Enabled DVRs:	28	?
Disabled DVRs:	20	?
Total Video Count:	269	?
Non-archived Video Count:	50	?
Last 24 Hours Video Count:	0	?
Last 7 Days Video Count:	0	?
Last 30 Days Video Count:	0	?
Body Worn Video Count:	111	?
Body Worn Hours:	16	?
Average Body Worn Video Length:	8 min	?
VieVu Video Count:	0	?
Oldest Non-case Video:	1356 days	?
Number of Backup DVDs:	230	?
Number of Exported DVDs:	125	?
Archiver Errored Out:	false	?
Downloader Errored Out:	false	?
Simultaneous Users Allowed:	unlimited	?
Backup Scheme:	some_cmt	?
Untagging Allowed:	true	?
Last Update Check:	02/06/2019 03:30	?
Version:	4.0.10	?

Active Users:
• mvadmin From 166.20.100.42 Since 02/11/2019 17:48

- 2 Click the link to the right of the *Version* field at the bottom of the page. A Windows popup displays.



View Downloads - Internet Explorer

View and track your downloads

Name	Location	Actions
des-detailed-releas...html s6.parature.com	Do you want to save this file?	Save

Options Clear list Close

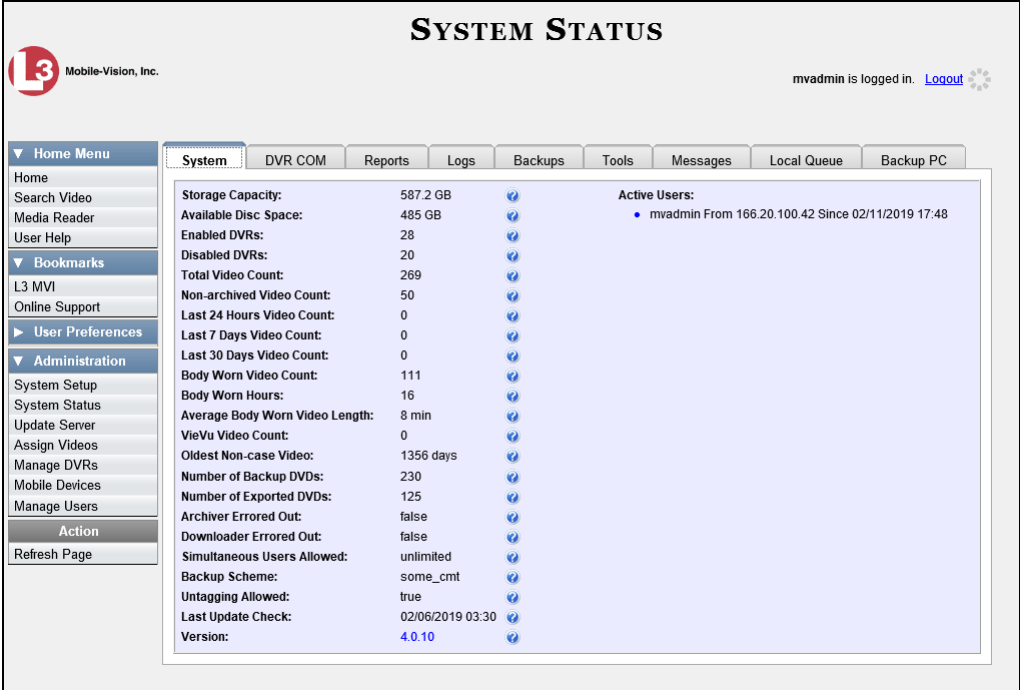
- 3 Click **Save**.

- 4 Click **Open**. The release notes display in a separate window.
- 5 If you wish to print the release notes, press **Ctrl + P**. The Print form displays. Proceed to the next step.
– OR –
If you do *not* wish to print the release notes, skip to step 7.
- 6 Select your print options, then click **OK** or **Print**. The print job is directed to your active printer.
- 7 When you are finished viewing/printing the release notes, click the in the upper right corner of the page.

Accessing Product Manuals & Training Videos

This section describes how to access Mobile-Vision's product manuals and training videos via links to our Online Support Center.

- 1 Go to [Administration](#) and click **System Status**. The System Status page displays.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity: 587.2 GB

Available Disc Space: 485 GB

Enabled DVRs: 28

Disabled DVRs: 20

Total Video Count: 269

Non-archived Video Count: 50

Last 24 Hours Video Count: 0

Last 7 Days Video Count: 0

Last 30 Days Video Count: 0

Body Worn Video Count: 111

Body Worn Hours: 16

Average Body Worn Video Length: 8 min

VieVu Video Count: 0

Oldest Non-case Video: 1356 days

Number of Backup DVDs: 230

Number of Exported DVDs: 125

Archiver Errored Out: false

Downloader Errored Out: false

Simultaneous Users Allowed: unlimited

Backup Scheme: some_cmt

Untagging Allowed: true

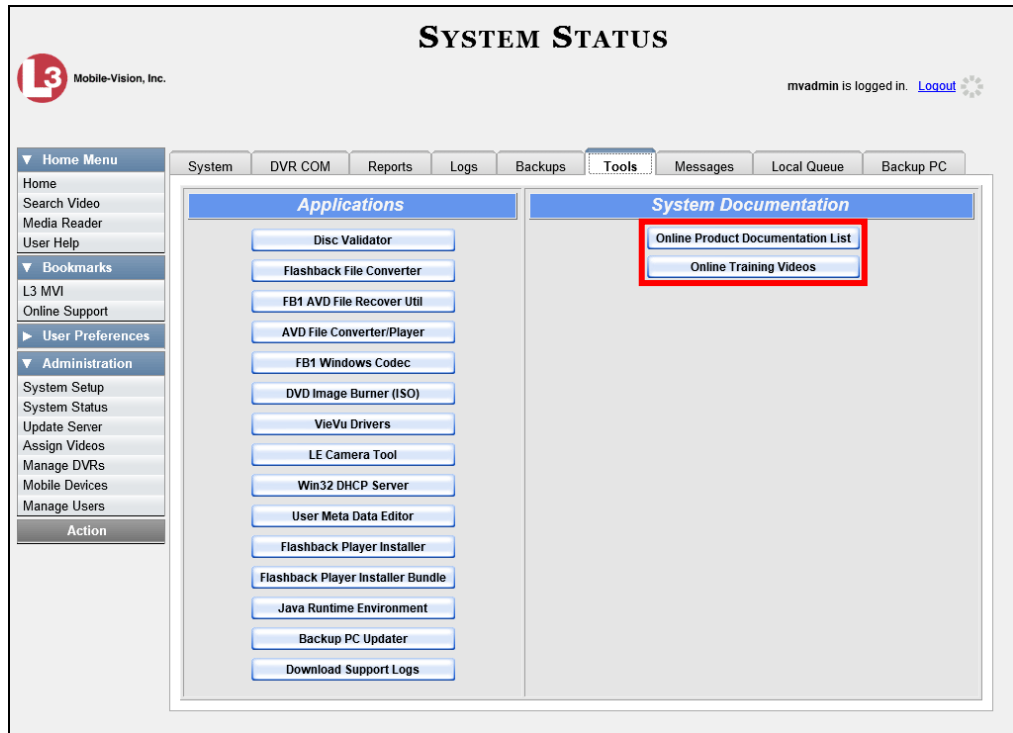
Last Update Check: 02/06/2019 03:30

Version: 4.0.10

Active Users:

- mvadmin From 166.20.100.42 Since 02/11/2019 17:48

- 2 Click the **Tools** tab. The video and documentation links are listed at the top of the page.



3 Click on the appropriate button:

To view a list of training videos, click **Online Training Videos**.

– OR –

To view a list of manuals and quick reference guides, click **Online Product Documentation List**.

A PDF file displays.

Mobile-Vision Product Documentation * 7.24.2019 17:17		
Product	Document	Pgs
AlertVU	AlertVU Mobile Admin Guide 4.7.4.0	94
AlertVU	AlertVU Mobile Installation Guide 4.5.2.0	47
AlertVU	AlertVU Back Office Officer's Guide 3.12	126
AlertVU	AlertVU Back Office Administrator's Guide 3.12	414
AlertVU	AlertVU Back Office Quick Reference Guide 3.12	2
AlertVU	AlertVU Fixed Hardware Installation Guide 4.4.1.0	29
Basic Viewer	Basic Viewer HD 3.0 User's Guide	57
Basic Viewer	Basic Viewer HD Interview Room Forwarder 3.0 User's Guide	41
Basic Viewer	Basic Viewer HD Mobile 3.0 User's Guide	34
Basic Viewer	Basic Viewer Installation Guide	1
Bluetooth Transmitter	TB-100 Bluetooth Transmitter Hardware Install Guide 1.1	16
Bluetooth Transmitter	TB-100 Bluetooth Transmitter Software Config Guide 1.1	28
BodyVISION	BodyVISION R3 User's Guide 1.6	39
BodyVISION	BodyVISION R3 Quick Reference Card	2
BodyVISION	BodyVISION XV User's Guide 1.5.28	44
BodyVISION	BodyVISION XV Quick Reference Card	2
BodyVISION	NJSP • Configuring a New BodyVISION 4.0.3+	5
BWX-100	BWX-100 User's Guide 1.7.98	61
CycleVision	CycleVision Installation Guide 3.2	25

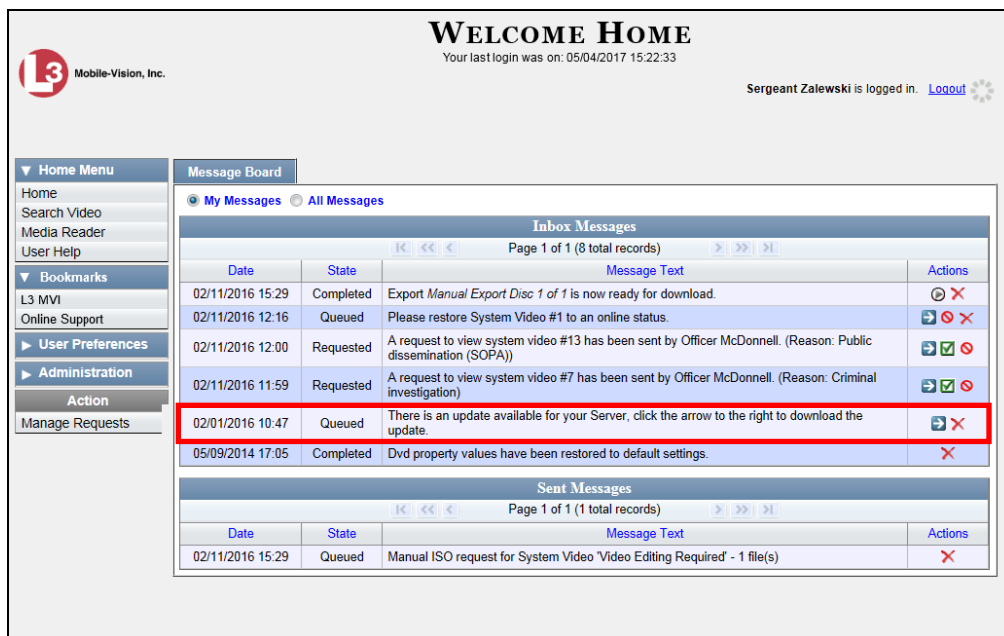
- Click on the desired documentation or video link. If you selected the Product Documentation List (pictured on the previous page), the DEV documentation that may pertain to your agency is listed below.

Document	Audience
DEV Officer's Guide	DEV Officer users & other non-supervisory users
DEV Administrator's Guide	DEV System administrators & other supervisory users
Flashback3/HD User's Guide	Flashback3 & FlashbackHD users
Flashback3 Installation Guide	Flashback3 installers
FlashbackHD Installation Guide	FlashbackHD installers
BodyVISION XV User's Guide	BodyVISION XV users
BWX-100 User's Guide	BWX-100 users

- Follow the Windows prompts to view the selected document.

Updating the Application

If your agency has an up-to-date Extended Maintenance Agreement (EMA) and your hardware/software configuration meets our system requirements, you qualify for software upgrades whenever one is available. This section describes how to update the DEV application after you receive an upgrade notification in your in-box (*“There is an update available for your Server...”*).



The screenshot shows the 'WELCOME HOME' dashboard for Mobile-Vision, Inc. The user is logged in as Sergeant Zalewski. The 'Message Board' section is active, displaying 'Inbox Messages'. A table lists several messages, with the most recent one highlighted in red:

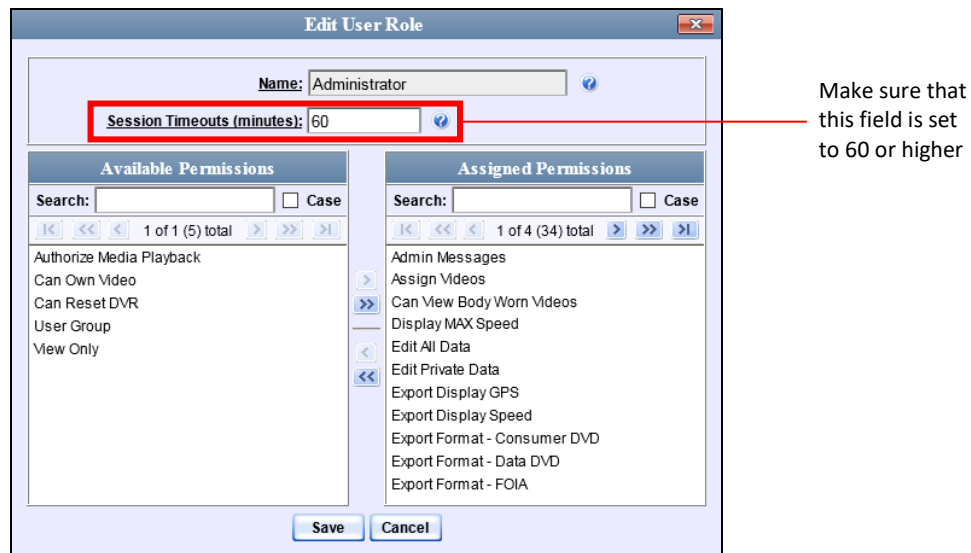
Date	State	Message Text	Actions
02/11/2016 15:29	Completed	Export <i>Manual Export Disc 1 of 1</i> is now ready for download.	
02/11/2016 12:16	Queued	Please restore System Video #1 to an online status.	
02/11/2016 12:00	Requested	A request to view system video #13 has been sent by Officer McDonnell. (Reason: Public dissemination (SOPA))	
02/11/2016 11:59	Requested	A request to view system video #7 has been sent by Officer McDonnell. (Reason: Criminal investigation)	
02/01/2016 10:47	Queued	There is an update available for your Server, click the arrow to the right to download the update.	
05/09/2014 17:05	Completed	Dvd property values have been restored to default settings.	

Below the 'Inbox Messages' table is a 'Sent Messages' section with one message:

Date	State	Message Text	Actions
02/11/2016 15:29	Queued	Manual ISO request for System Video 'Video Editing Required' - 1 file(s)	


The following procedure requires that your DEV server PC have internet access to our Auto Update server. If you do *not* have direct access to our update server *or* your agency does not *allow* direct access to our server for security reasons, please contact Mobile-Vision Service at 973-263-1090. A Technical Support Engineer will provide you with an alternate method for upgrading your software.

Before you begin an update, make sure that your user type has a *Session Timeout* setting of at least 60 minutes to prevent you from being logged out during the update process.

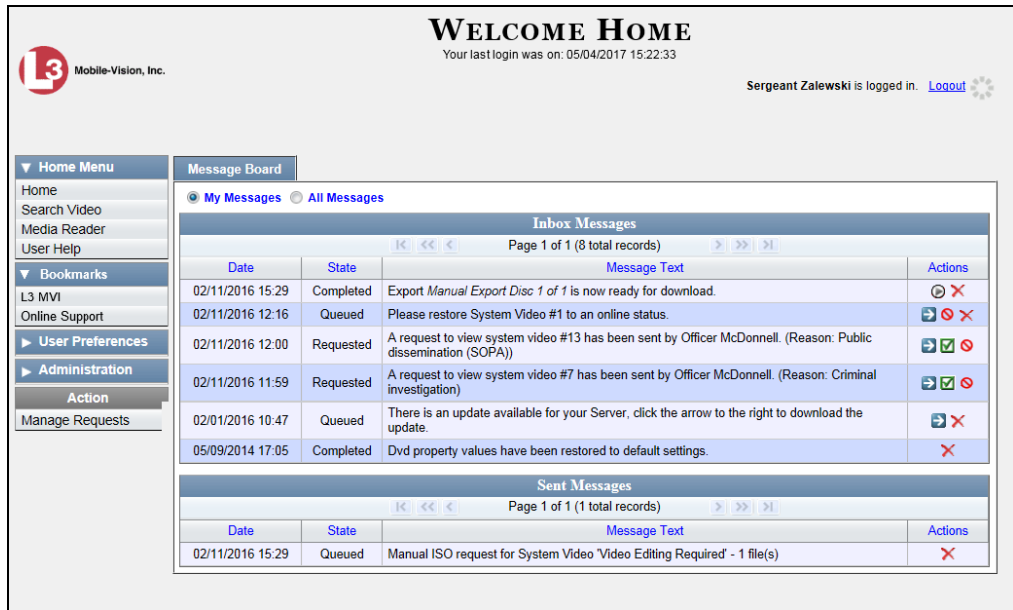


For instructions on changing this setting, see “Changing the Session Timeout Setting” on page 392.

Depending on the size of the update and speed of your network connection, the update process may take up to an hour.

- 1 Make sure the Home page displays. (If necessary, go to  and click **Home**.)

(Continued)



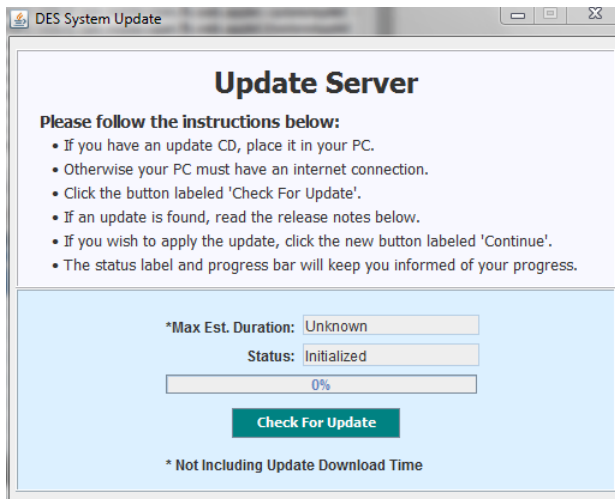
2 Go to your *Inbox Messages* list and click on the arrow icon to the right of the upgrade notification message (*There is an update available for your Server...*).

– OR –

Go to **Administration** and click **Update Server**.

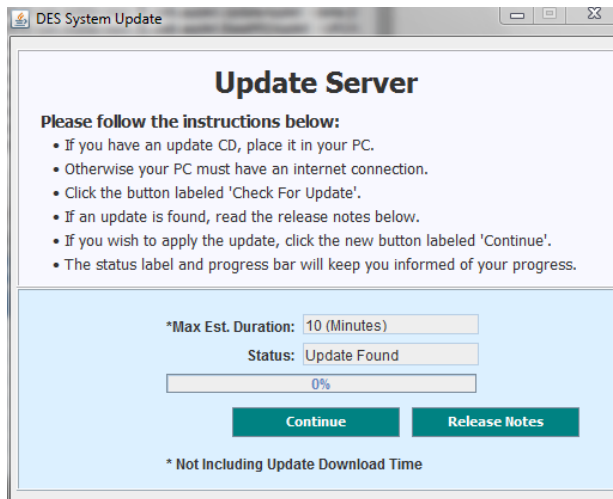
⇒ If the Update Server popup displays, proceed to the next step.

⇒ If a security popup displays, select the checkbox at the bottom of the popup, then click **Allow**. Next, select the checkbox at the bottom of the *second* popup, then click **Run**. The Update Server popup displays.

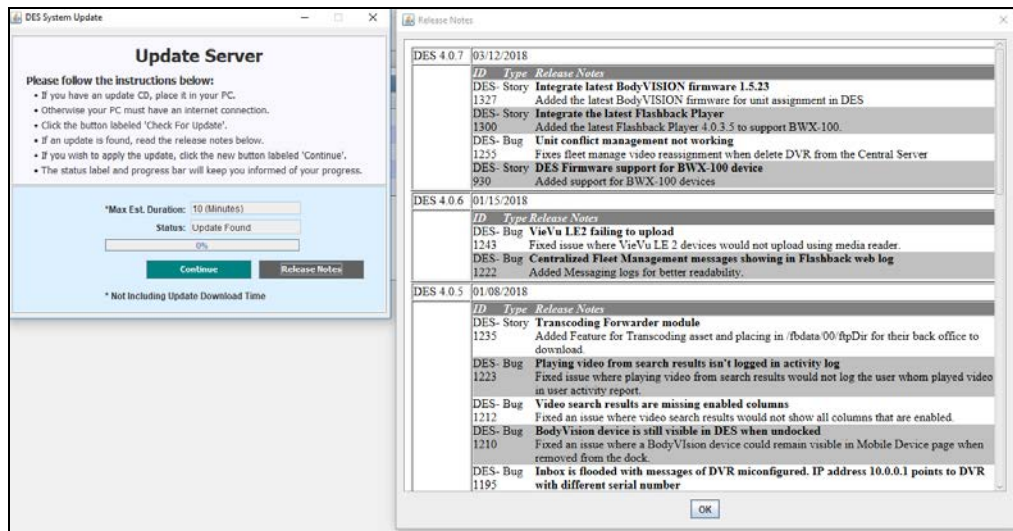


3 Click the **Check for Update** button. The system searches for a new update.

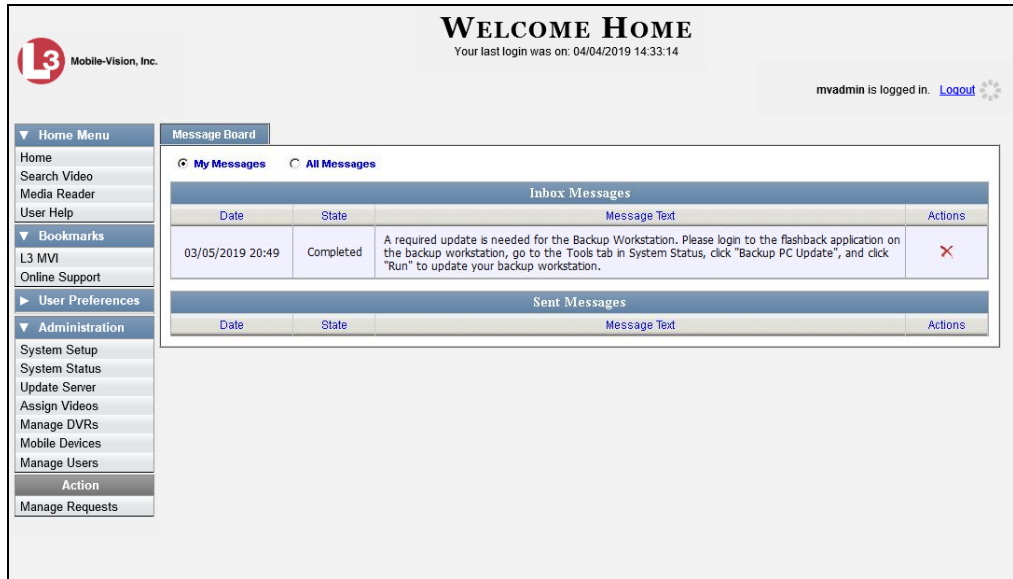
- ⇒ If an update is available, the message *Update Found* displays in the *Status* field. Proceed to the next step.
- ⇒ If an update is *not* available, the message *No Update Found* displays in the *Status* field. Click the in the upper corner of the page to exit. **End of Procedure.**



- 4 If you would like to review the Release Notes before beginning the update, click the **Release Notes** button. Otherwise proceed to the next step.



- 5 Click **Continue**. The system begins updating the system. When the update is complete, the system logs you out of the application.
- 6 Login to DEV again.
- 7 Once the Home page displays, look for a new message in your Inbox that says: “A Required update is needed for the Backup Workstation...”



The screenshot shows the 'WELCOME HOME' dashboard for Mobile-Vision, Inc. The user 'madmin' is logged in. The 'Message Board' section is active, displaying 'Inbox Messages' and 'Sent Messages'. A message in the 'Inbox Messages' table indicates that a required update is needed for the Backup Workstation.

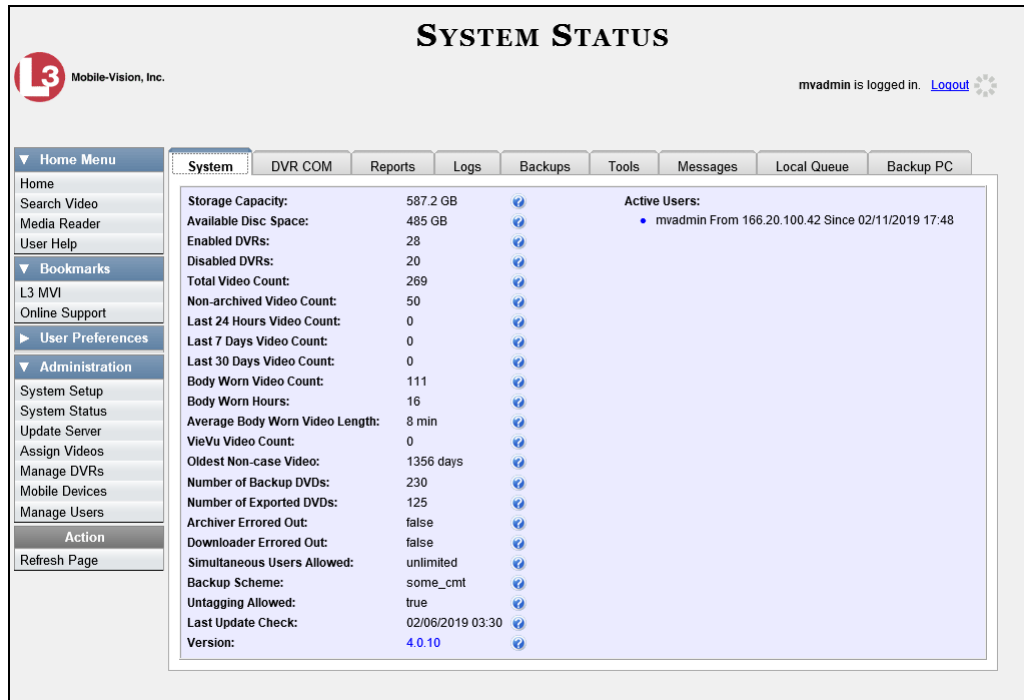
Inbox Messages			
Date	State	Message Text	Actions
03/05/2019 20:49	Completed	A required update is needed for the Backup Workstation. Please login to the flashback application on the backup workstation, go to the Tools tab in System Status, click "Backup PC Update", and click "Run" to update your backup workstation.	✘

Sent Messages			
Date	State	Message Text	Actions

- ⇒ If you see the update message pictured above, it means that you have to update your Backup PC(s) in order for the new DEV update to work properly. Proceed to the next step.
- ⇒ If you do *not* see the update message pictured above, it means that you do *not* have to update your Backup PC(s). **End of Procedure.**

The Backup PC update procedure needs to be performed on the Backup PC itself, so you must log out of the DEV application now, then log back in from the Backup PC, as described below.

- 8 Go to the top right of the Home page and click **Logout**.
- 9 Walk to the Backup PC.
- 10 Login to DEV again from the Backup PC. (Be sure to login as an Administrator.)
- 11 Go to **Administration** and click **System Status**. The System Status page displays.



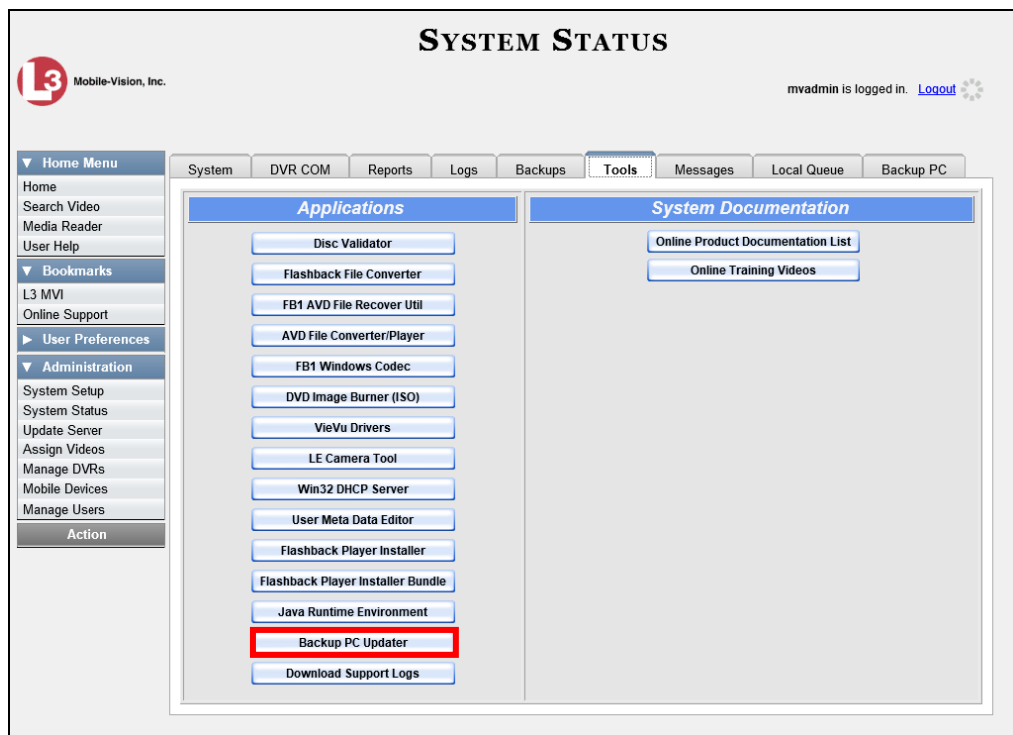
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Storage Capacity:	587.2 GB	✓	Active Users:
Available Disc Space:	485 GB	✓	
Enabled DVRs:	28	✓	
Disabled DVRs:	20	✓	
Total Video Count:	269	✓	
Non-archived Video Count:	50	✓	
Last 24 Hours Video Count:	0	✓	
Last 7 Days Video Count:	0	✓	
Last 30 Days Video Count:	0	✓	
Body Worn Video Count:	111	✓	
Body Worn Hours:	16	✓	
Average Body Worn Video Length:	8 min	✓	
VieVu Video Count:	0	✓	
Oldest Non-case Video:	1356 days	✓	
Number of Backup DVDs:	230	✓	
Number of Exported DVDs:	125	✓	
Archiver Errored Out:	false	✓	
Downloader Errored Out:	false	✓	
Simultaneous Users Allowed:	unlimited	✓	
Backup Scheme:	some_cmt	✓	
Untagging Allowed:	true	✓	
Last Update Check:	02/06/2019 03:30	✓	
Version:	4.0.10	✓	

12 Click the **Tools** tab.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | **Tools** | Messages | Local Queue | Backup PC

Applications

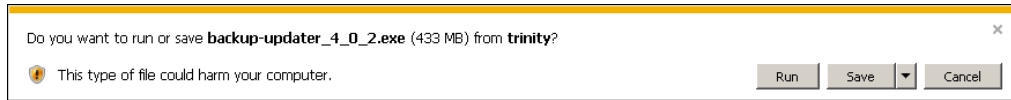
- Disc Validator
- Flashback File Converter
- FB1 AVD File Recover Util
- AVD File Converter/Player
- FB1 Windows Codec
- DVD Image Burner (ISO)
- VieVu Drivers
- LE Camera Tool
- Win32 DHCP Server
- User Meta Data Editor
- Flashback Player Installer
- Flashback Player Installer Bundle
- Java Runtime Environment
- Backup PC Updater
- Download Support Logs

System Documentation

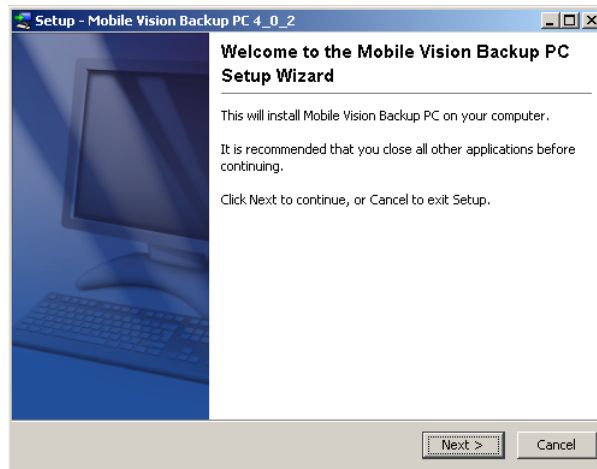
- Online Product Documentation List
- Online Training Videos

(Continued)

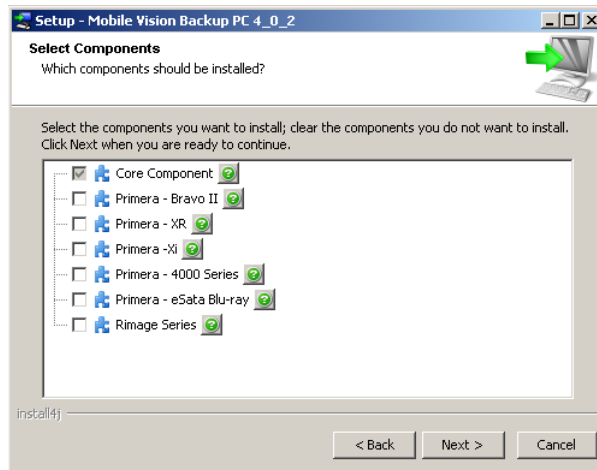
- 13 Go to the *Applications* column and click the **Backup PC Updater** button. A Windows message displays.



- 14 Click **Run**. The system copies some files from the server to the Backup PC. After a momentary delay, the Setup Wizard launches.



- 15 Click **Next**. A list of DVD burners displays.

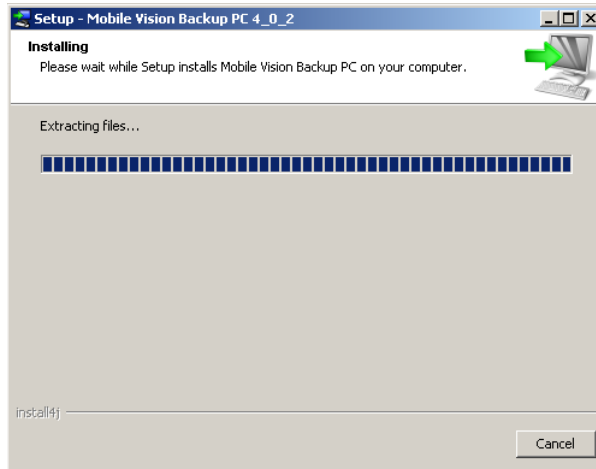


- 16 Select the type of disc burner that your Backup PC is connected to. Make sure you select *only one* burner.

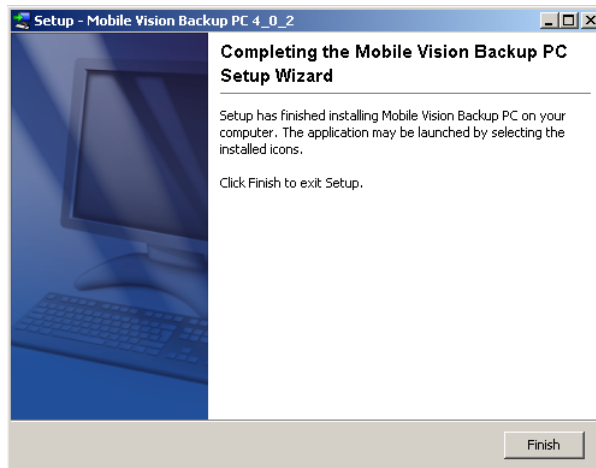


WARNING: If you select more than one DVD burner *or* you select the *wrong* DVD burner, or it could render your Backup PC system temporarily inoperable.

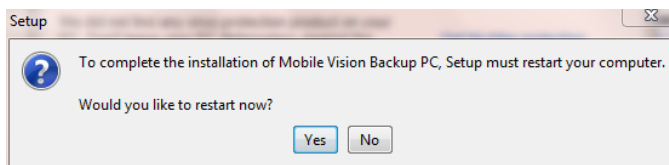
- 17 Click **Next**. The system begins updating your Backup PC.



Once the software has been installed on your PC, a confirmation message displays.



18 Click **Finish**. The system prompts you to reboot the Backup PC.



19 Close any files that you may have open on the Backup PC, then click **Yes**.

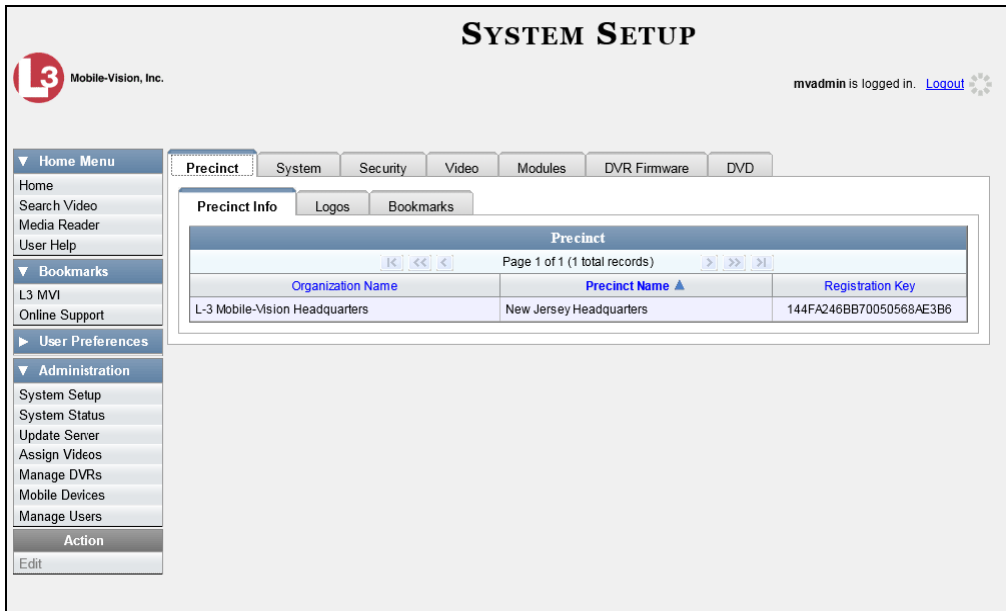
- ⇒ If you have only *one* Backup PC, **End of Procedure**.
- ⇒ If you have *more than one* Backup PC, log out of DEV and repeat steps 9 – 19 for your next Backup PC.

(Continued)

Changing the Session Timeout Setting

This section describes how to change the number of minutes of inactivity the system will allow before automatically logging a particular user type off the DEV application. If a user type will be performing time-intensive tasks, such as installing new software releases or manually uploading videos, it's recommended that you set their session timeout to a *minimum* of 60 minutes.

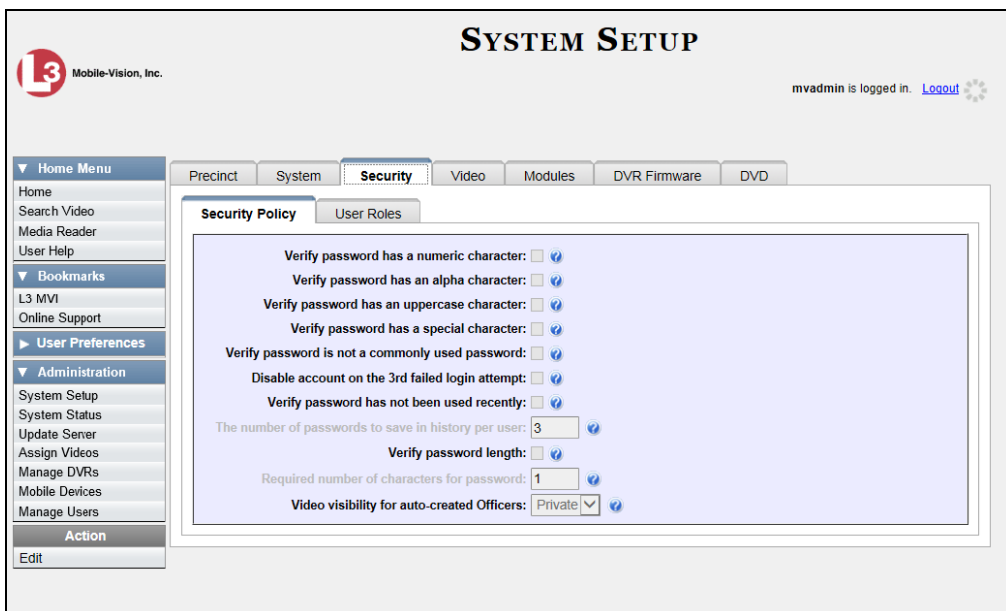
- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.




The screenshot shows the SYSTEM SETUP page with the Administration menu expanded to System Setup. The Precinct tab is selected, displaying a table of precinct information.


Organization Name	Precinct Name	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6


- 2 Click the **Security** tab.





The screenshot shows the SYSTEM SETUP page with the Security tab selected. The Security Policy settings are displayed, including options for password requirements and account management.


Verify password has a numeric character: 


Verify password has an alpha character: 


Verify password has an uppercase character: 


Verify password has a special character: 


Verify password is not a commonly used password: 


Disable account on the 3rd failed login attempt: 

Verify password has not been used recently: 

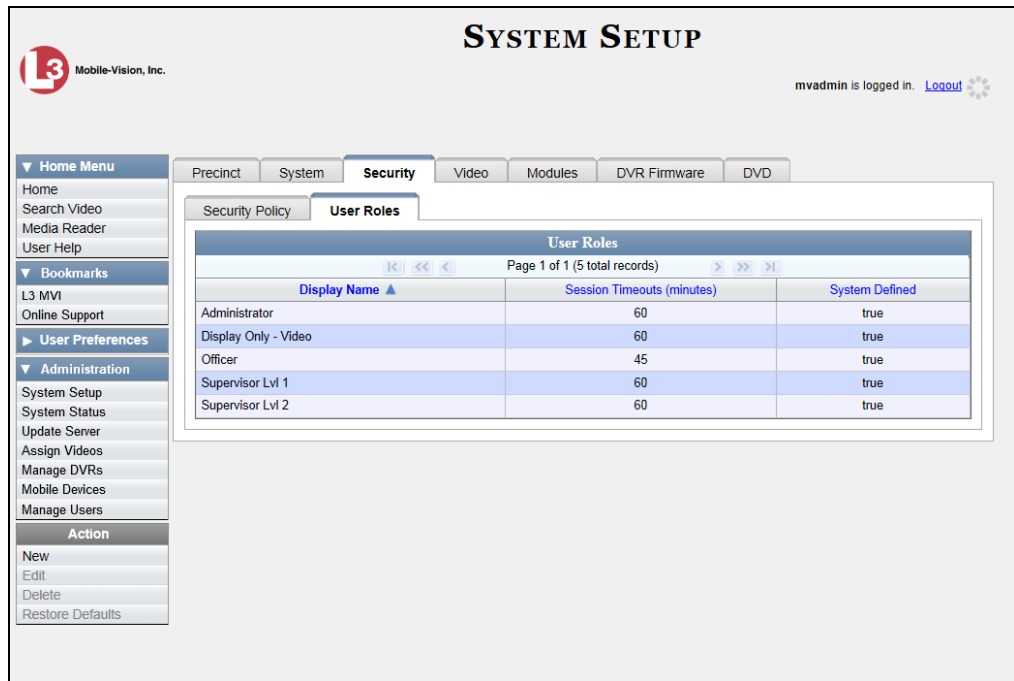
The number of passwords to save in history per user: 

Verify password length: 

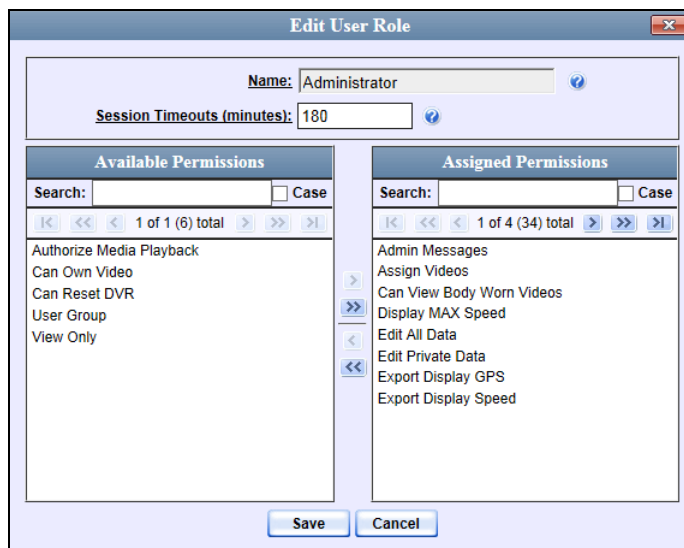
Required number of characters for password: 

Video visibility for auto-created Officers: 

- Click the **User Roles** tab. A list of User Roles displays.



- Right-click on the user type you wish to update, then select **Edit** from the popup menu. The Edit User Role popup displays.



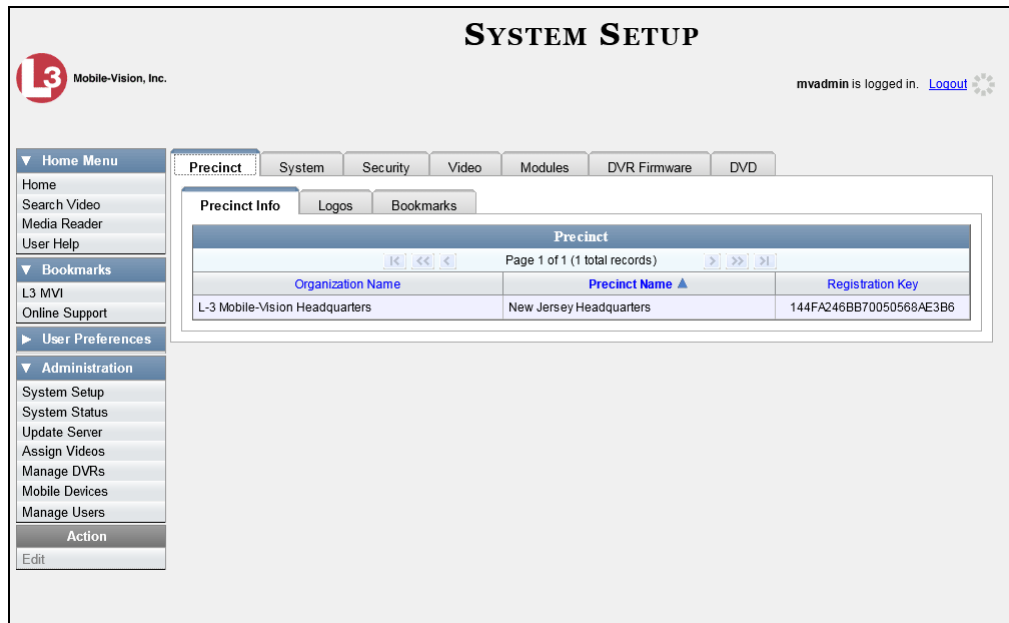
- Go to the *Session Timeouts (minutes)* field and enter the number of minutes you wish to elapse before this user type is automatically logged off the system.
- Click **Save**. A confirmation message displays:

User Role Administrator successfully saved.

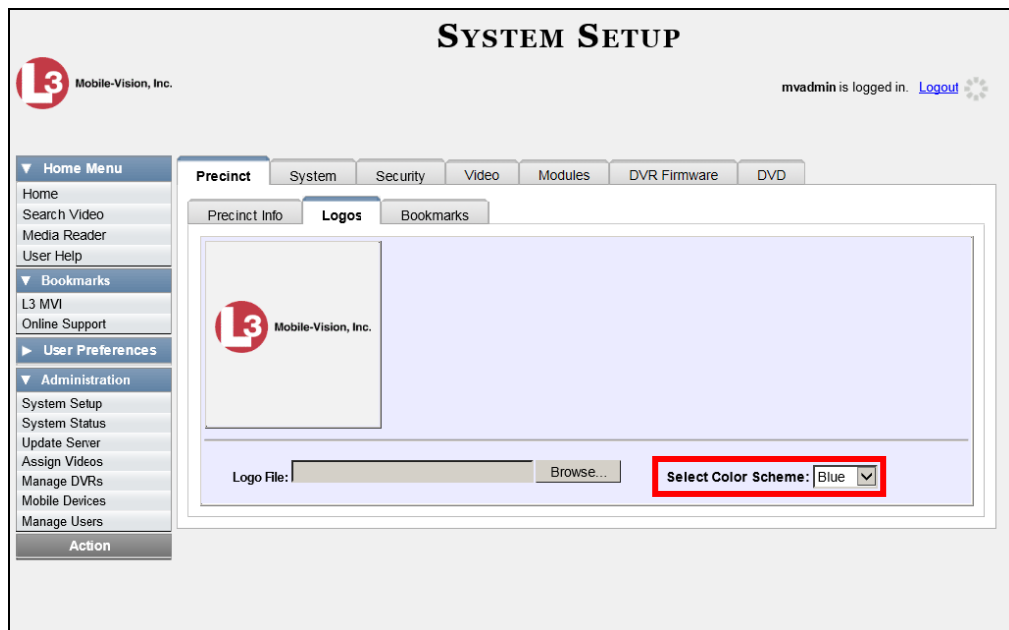
Changing the Application's Color Scheme

This section describes how to change the application's color scheme from the current color to *blue*, *brown*, *green*, or *red*.

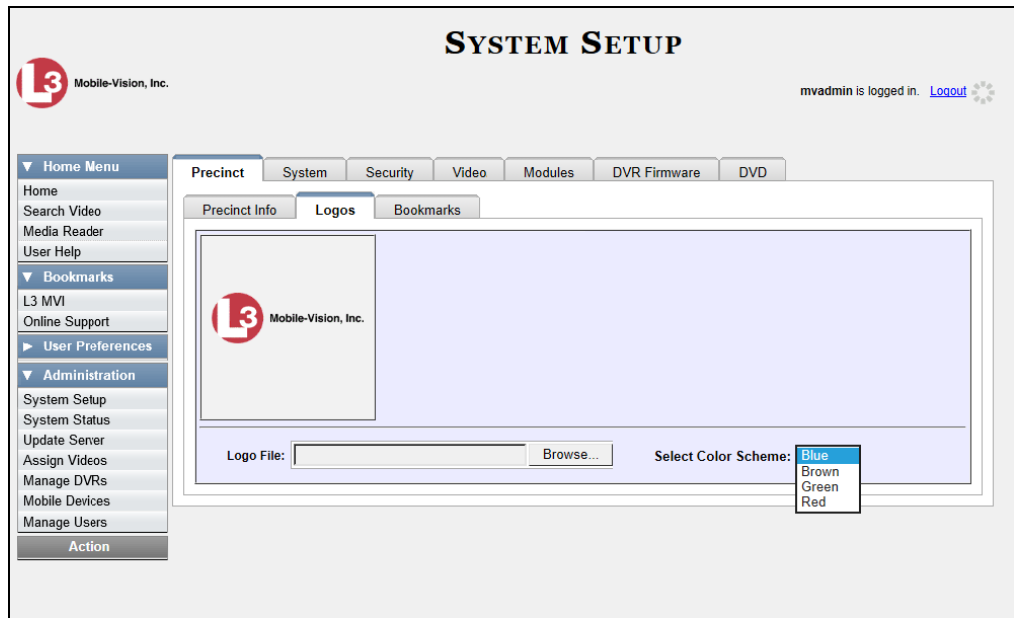
- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



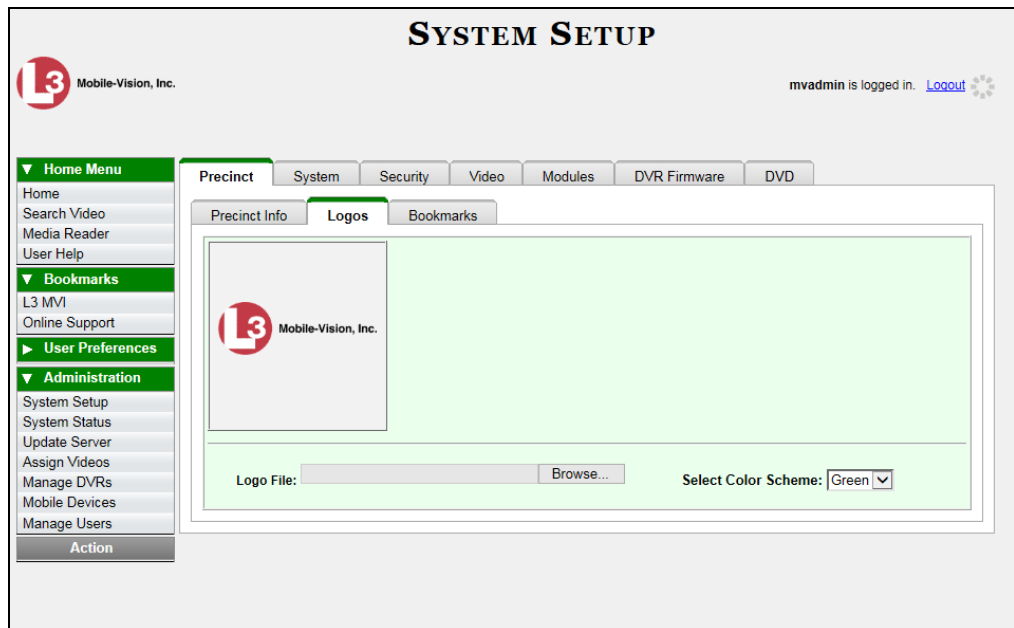
- 2 If it is not already selected, click the **Precinct** tab.
- 3 Click the **Logos** tab.



- 4 Select a new color scheme from the *Select Color Scheme* drop-down list.



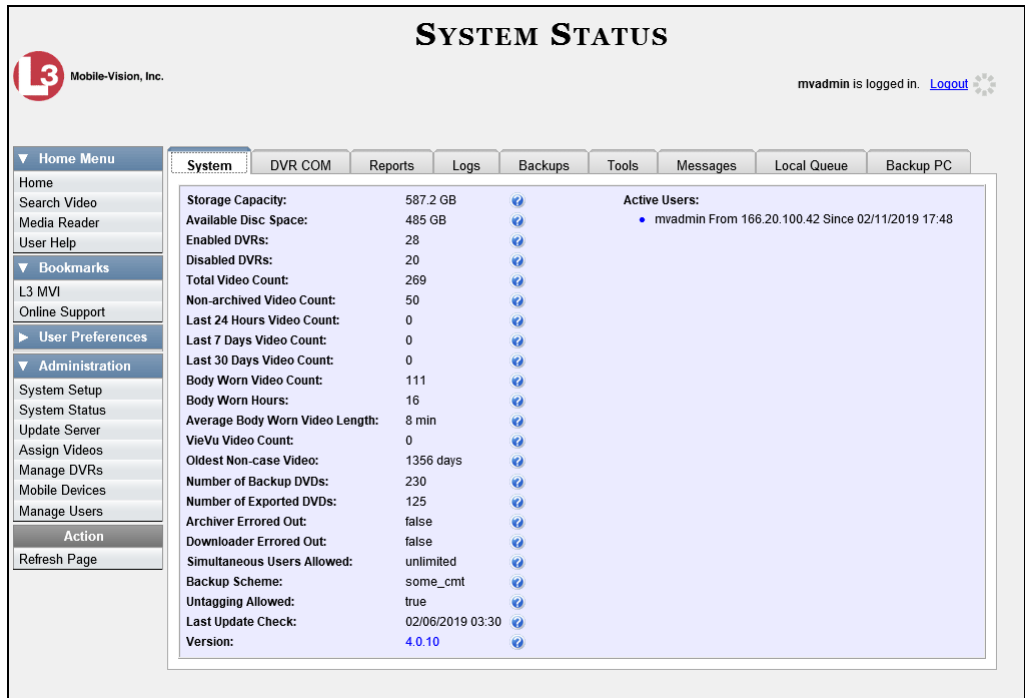
The new color scheme will immediately take effect.



Downloading the Support Logs

This section describes how to download the logs that are used by Mobile-Vision's Technical Support Engineers to troubleshoot technical problems. This procedure is only used by those customers who have no remote access whatsoever (i.e., your agency is unable or unwilling to allow our technical staff remote access to the DEV server PC). Perform this task when instructed to do so by a Technical Support Engineer.

- 1 Go to **Administration** and click **System Status**. The System Status page displays.



SYSTEM STATUS

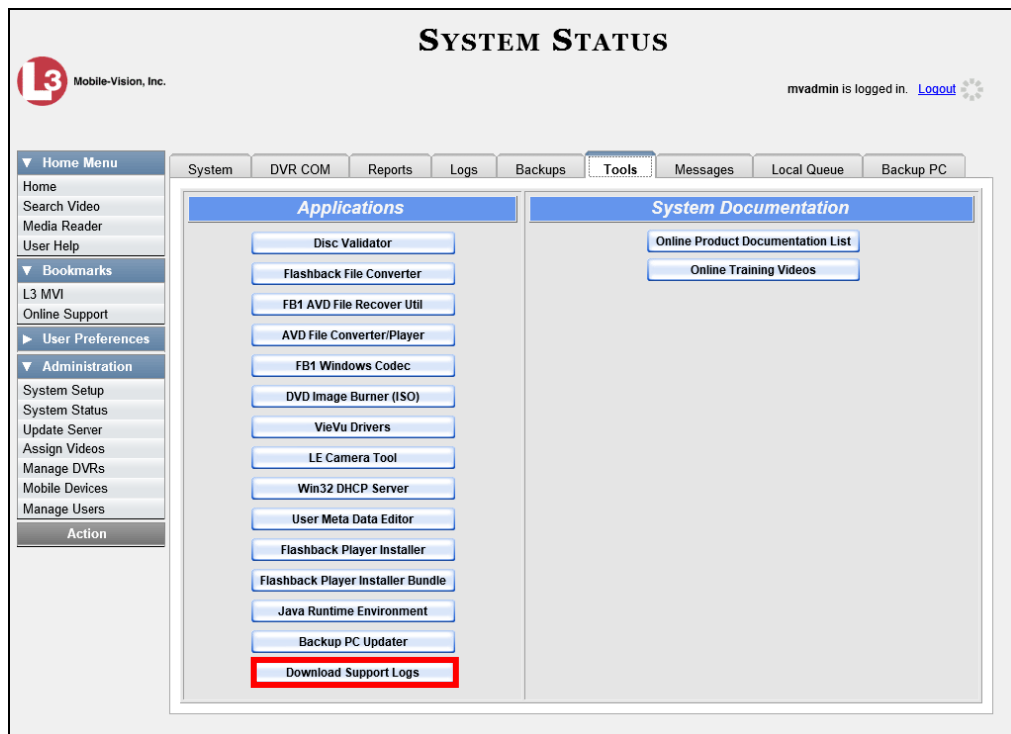
Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System

Storage Capacity:	587.2 GB	🔍	Active Users:
Available Disc Space:	485 GB	🔍	• mvadmin From 166.20.100.42 Since 02/11/2019 17:48
Enabled DVRs:	28	🔍	
Disabled DVRs:	20	🔍	
Total Video Count:	269	🔍	
Non-archived Video Count:	50	🔍	
Last 24 Hours Video Count:	0	🔍	
Last 7 Days Video Count:	0	🔍	
Last 30 Days Video Count:	0	🔍	
Body Worn Video Count:	111	🔍	
Body Worn Hours:	16	🔍	
Average Body Worn Video Length:	8 min	🔍	
VieVu Video Count:	0	🔍	
Oldest Non-case Video:	1356 days	🔍	
Number of Backup DVDs:	230	🔍	
Number of Exported DVDs:	125	🔍	
Archiver Errored Out:	false	🔍	
Downloader Errored Out:	false	🔍	
Simultaneous Users Allowed:	unlimited	🔍	
Backup Scheme:	some_cmt	🔍	
Untagging Allowed:	true	🔍	
Last Update Check:	02/06/2019 03:30	🔍	
Version:	4.0.10	🔍	

- 2 Click the **Tools** tab.



- 3 Go to the *Applications* column and click the **Download Support Logs** button. The following message displays.

Compressing logs. Please wait

After a delay of a few seconds to a few minutes, a Windows message displays.



- 4 Select **Save As** from the *Save* drop-down list. The Save As window displays.
- 5 Navigate to the disk drive location where you wish to temporarily store the log file. (You will be uploading this file to Mobile-Vision.)
- 6 Click **Save**. The system copies the logs4u.mvi file to the selected location. When the process is complete, a confirmation message will display.

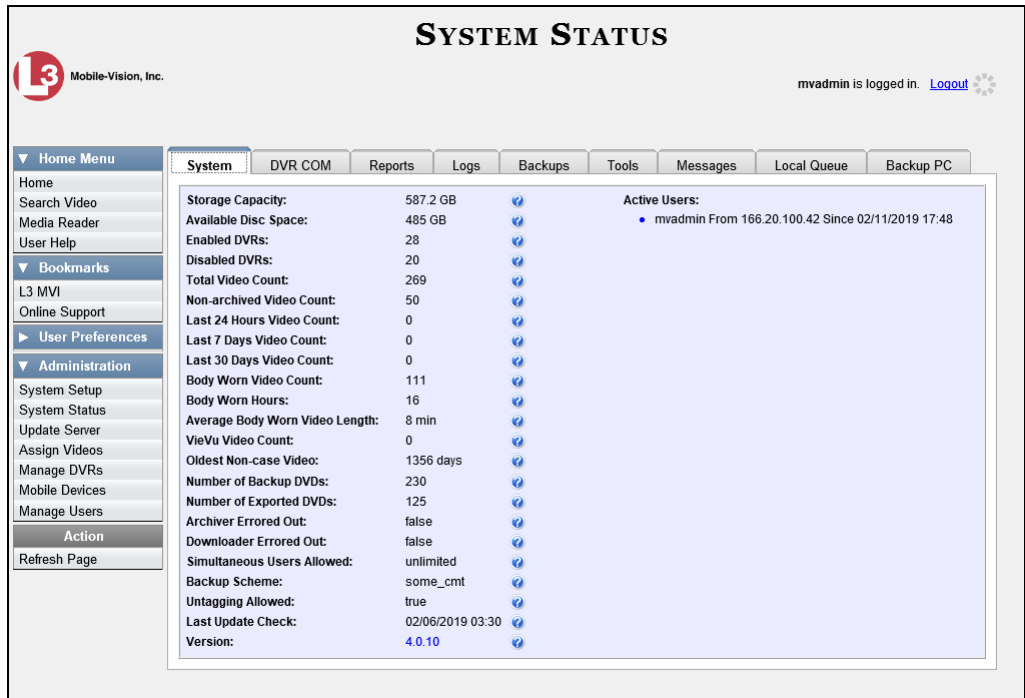


- 7 Click **Open folder** to display the file.
- 8 Upload the file to Mobile-Vision, as per your Technical Support Engineer's instructions.

Downloading the Java Runtime Environment (JRE) Application

The Java Runtime Environment (JRE) application is required on workstations to perform certain functions, such as playing video, manually uploading files, and performing system updates. A download of this application is provided within DEV as a convenience.

- 1 Save and close any open PC files/applications other than DEV.
- 2 Go to **Administration** and click **System Status**. The System Status page displays.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | Reports | Logs | Backups | Tools | Messages | Local Queue | Backup PC

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

User Preferences

Administration

- System Setup
- System Status
- Update Server
- Assign Videos
- Manage DVRs
- Mobile Devices
- Manage Users

Action

- Refresh Page

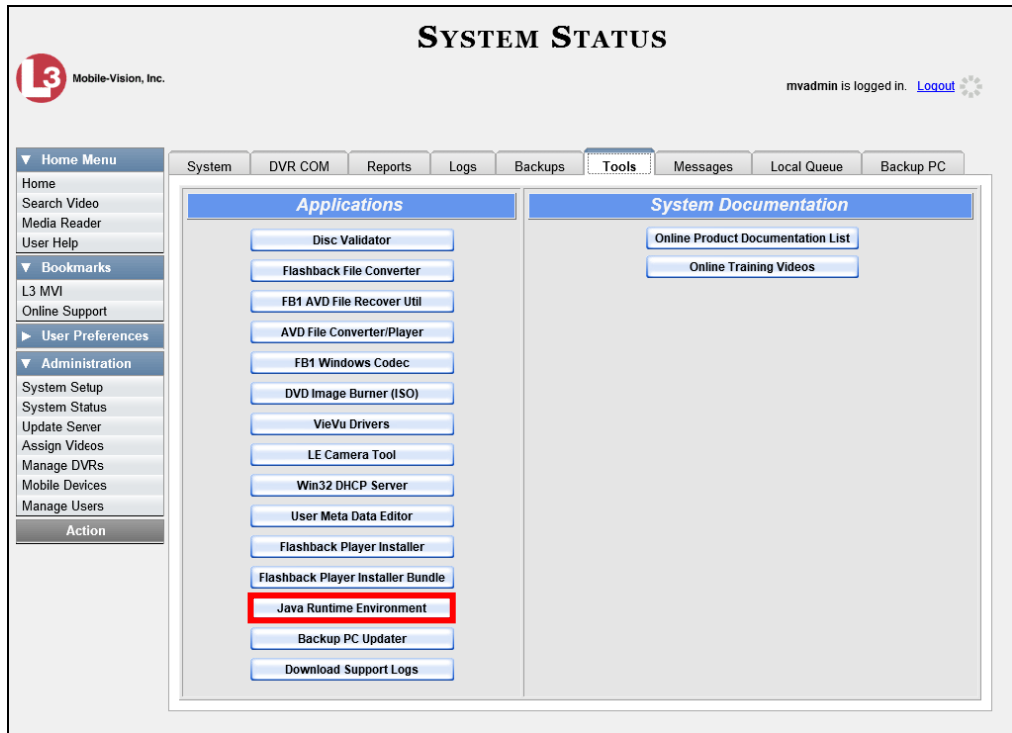
System

Storage Capacity:	587.2 GB	🔍
Available Disc Space:	485 GB	🔍
Enabled DVRs:	28	🔍
Disabled DVRs:	20	🔍
Total Video Count:	269	🔍
Non-archived Video Count:	50	🔍
Last 24 Hours Video Count:	0	🔍
Last 7 Days Video Count:	0	🔍
Last 30 Days Video Count:	0	🔍
Body Worn Video Count:	111	🔍
Body Worn Hours:	16	🔍
Average Body Worn Video Length:	8 min	🔍
VieVu Video Count:	0	🔍
Oldest Non-case Video:	1356 days	🔍
Number of Backup DVDs:	230	🔍
Number of Exported DVDs:	125	🔍
Archiver Errored Out:	false	🔍
Downloader Errored Out:	false	🔍
Simultaneous Users Allowed:	unlimited	🔍
Backup Scheme:	some_cmt	🔍
Untagging Allowed:	true	🔍
Last Update Check:	02/06/2019 03:30	🔍
Version:	4.0.10	🔍

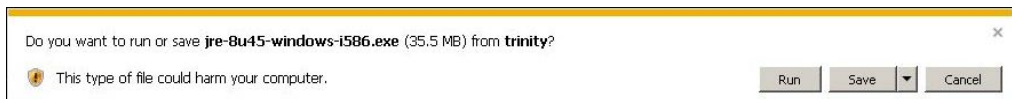
Active Users:

- mvadmin From 166.20.100.42 Since 02/11/2019 17:48

- 3 Click the **Tools** tab.



- Go to the *Applications* column and click the **Java Runtime Environment** button. A Windows message displays.



- Click **Run**.
- If you receive a security warning, click **Run** again. Otherwise proceed to the next step.



(Continued)

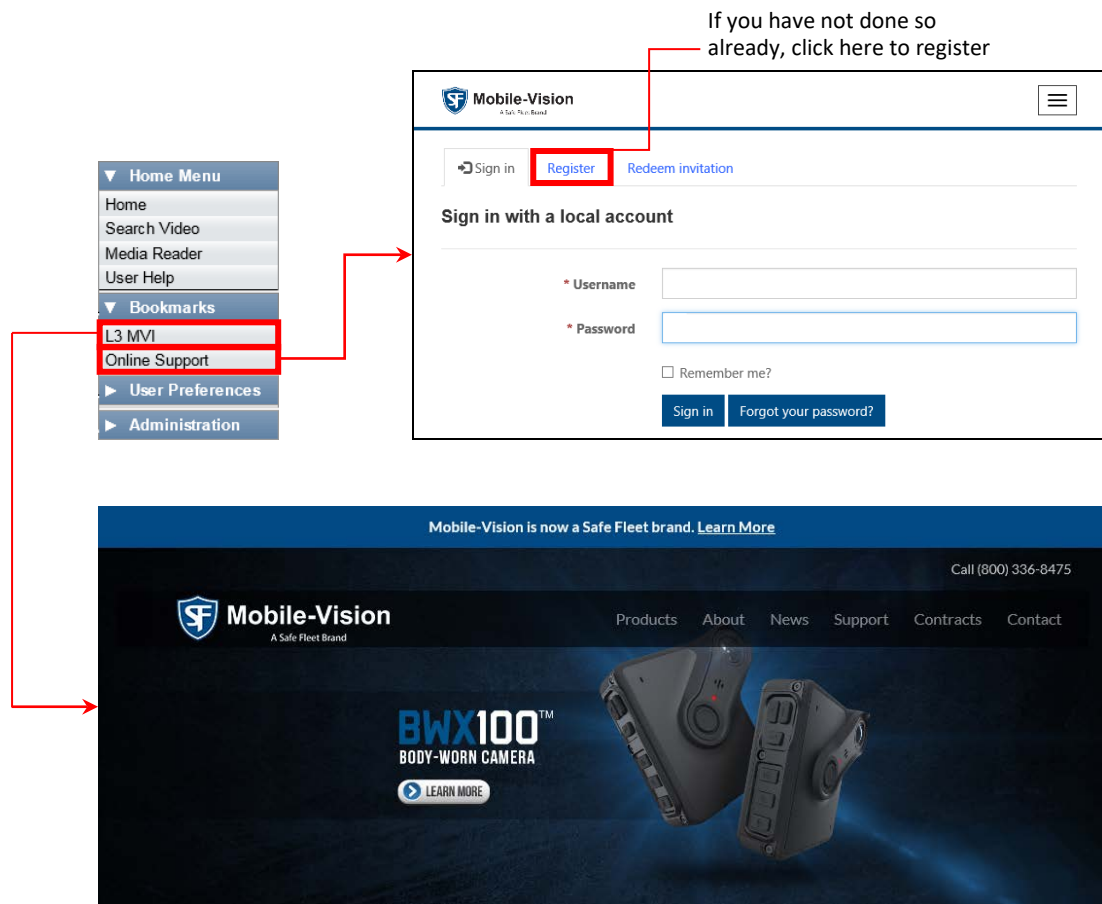
- 7 Click **Install**.
- 8 Follow the Java system prompts. At the end of the installation process, a confirmation message will display.
- 9 Click **Close**.
- 10 Reboot your PC.

Maintaining Bookmarks

A bookmark is a link to a website. By default, DEV comes with two bookmarks:

- L3 MVI*. Takes you to the regular L3 Mobile-Vision web site
- Online Support*. Takes you to the login page for our Online Support Center.

These links display under the *Bookmarks* column on the Main Menu.



If desired, you may wish to set up some agency-defined links as well. Doing so will provide you with quick and easy access to frequently used websites. You can display up to five links on the Main Menu, including the *L3 MVI* and *Online Support* links.

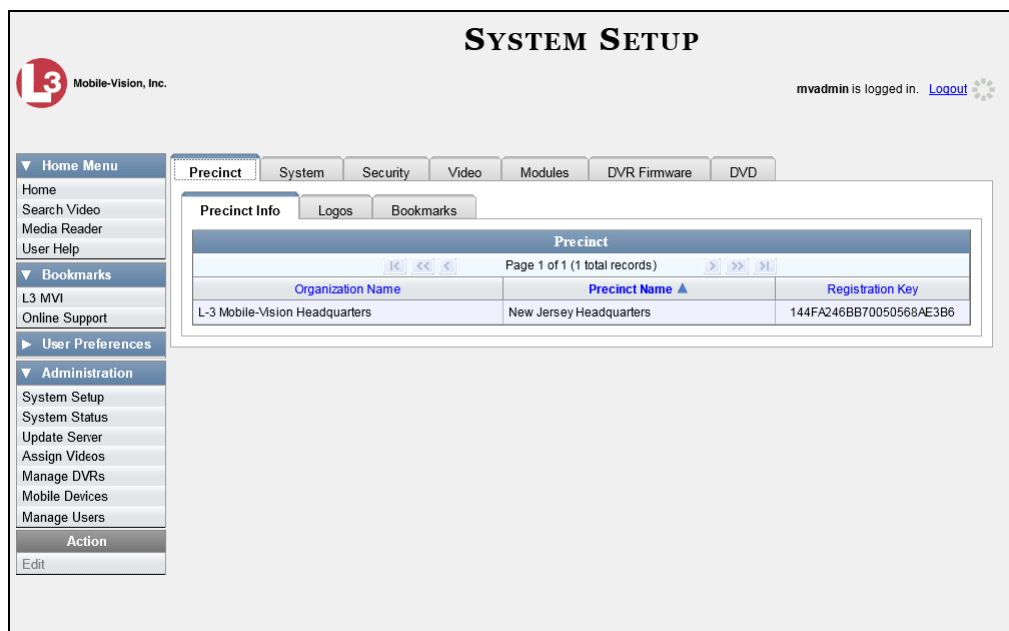
For specific instructions, see:

- Adding a Bookmark, below
- Changing a Bookmark, page 403
- Deleting a Bookmark, page 404.

Adding a Bookmark

This section describes how to add a new bookmark link, which will display in the *Bookmarks* column on the Home page. For more on bookmarks and how they are used in the DEV application, see the previous section, “Maintaining Bookmarks.”

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.

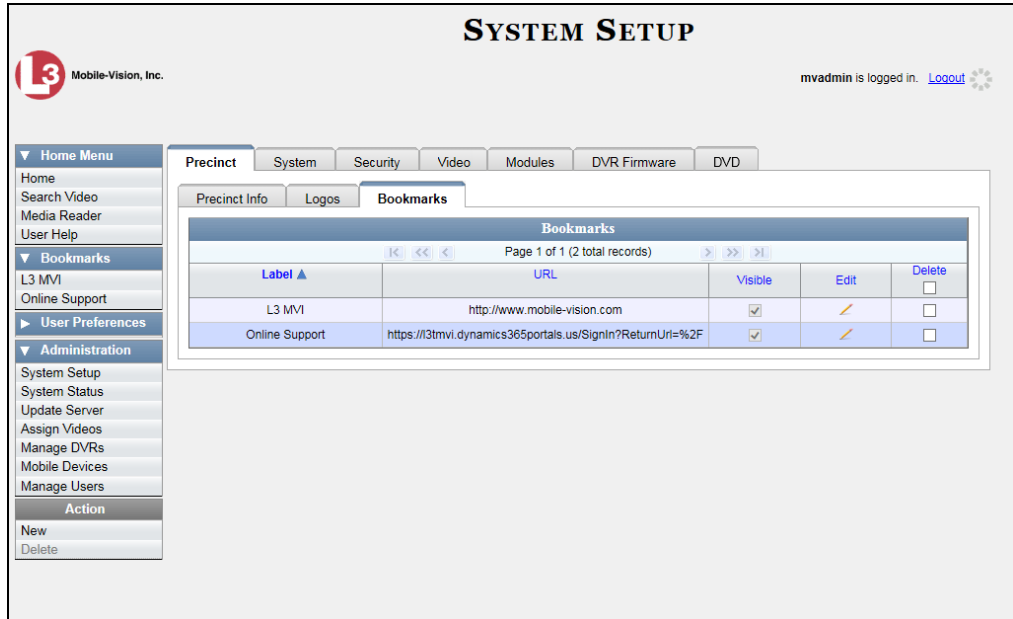


The screenshot shows the 'SYSTEM SETUP' page. The left sidebar has a 'Home Menu' with 'Home', 'Search Video', 'Media Reader', and 'User Help'. Below that is a 'Bookmarks' section with 'L3 MVI' and 'Online Support'. The 'Administration' section is expanded, showing 'System Setup', 'System Status', 'Update Server', 'Assign Videos', 'Manage DVRs', 'Mobile Devices', and 'Manage Users'. An 'Action' button with 'Edit' is visible. The main content area has tabs for 'Precinct', 'System', 'Security', 'Video', 'Modules', 'DVR Firmware', and 'DVD'. The 'Precinct' tab is active, showing a sub-tab for 'Bookmarks'. A table displays the following data:



Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **Bookmarks** tab. Your existing bookmarks display.

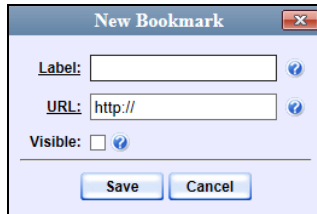
(Continued)



The screenshot shows the SYSTEM SETUP interface for Mobile-Vision, Inc. The user 'mvadmin' is logged in. The interface includes a navigation menu on the left and a main content area with tabs for Precinct, System, Security, Video, Modules, DVR Firmware, and DVD. The 'Bookmarks' tab is active, displaying a table with the following data:

Label ▲	URL	Visible	Edit	Delete
L3 MVI	http://www.mobile-vision.com	<input checked="" type="checkbox"/>		<input type="checkbox"/>
Online Support	https://l3tmvi.dynamics365portals.us/SignIn?ReturnUrl=%2F	<input checked="" type="checkbox"/>		<input type="checkbox"/>

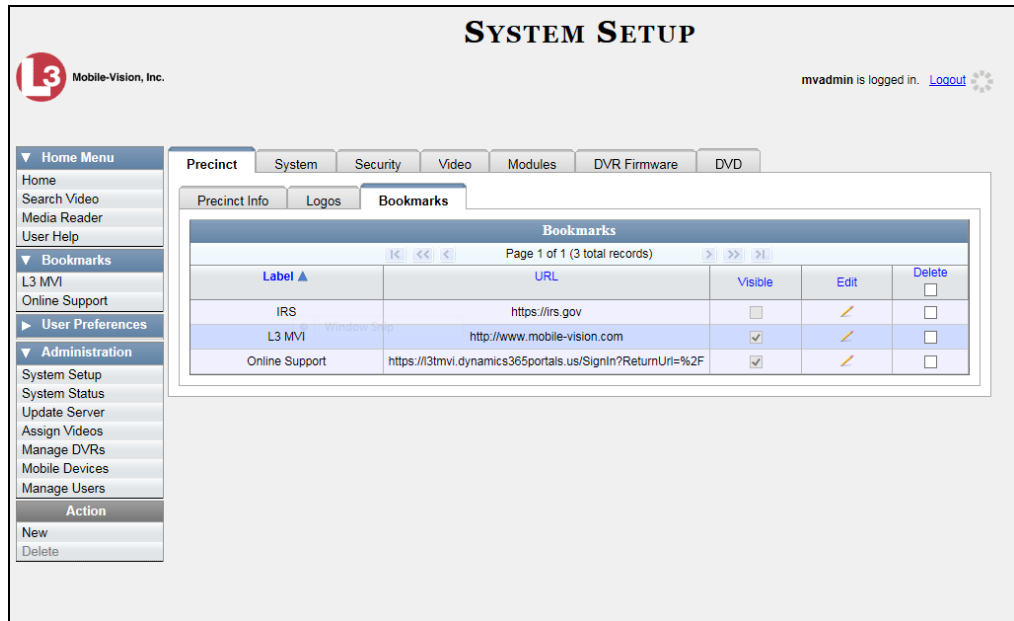
- Go to the **Action** column and click **New**. The New Bookmark form displays.



The 'New Bookmark' form contains the following fields and controls:

- Label:** A text input field with a help icon.
- URL:** A text input field with 'http://' prepopulated and a help icon.
- Visible:** A checkbox with a help icon.
- Buttons:** 'Save' and 'Cancel' buttons.

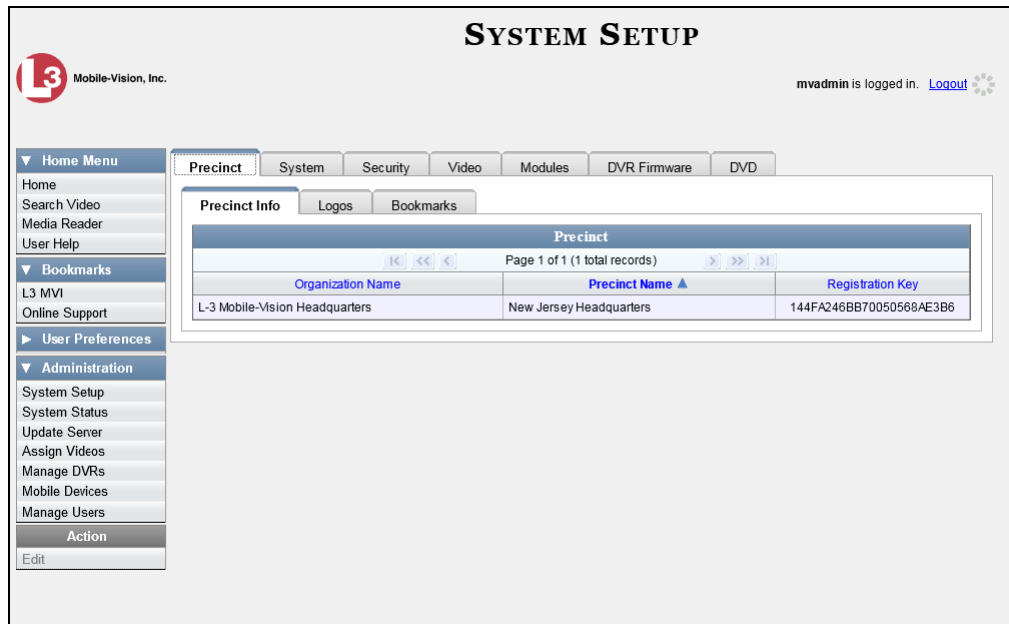
- Enter a descriptive name for the new bookmark in the *Label* field. This is the text that will display in the *Bookmarks* column on the Main Menu.
- Enter the website's web address in the *URL* field. The **http://** portion of the URL is prepopulated for you, but you may need to insert an "s" if your web address begins with **https://**.
- If you want this bookmark to display in the *Bookmarks* column on the Main Menu, select the *Visible* checkbox. Otherwise proceed to the next step.
- Click **Save**. Your new bookmark displays at the top of the Bookmarks list.



Changing a Bookmark

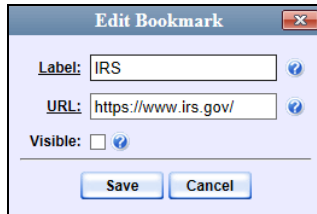
This section describes how to update an existing bookmark link. For more on bookmarks and how they are used in the DEV application, see “Maintaining Bookmarks” on page 400.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



- 2 Click the **Bookmarks** tab. Your existing bookmarks display, as pictured above.

- 3 Go to the *Edit* column and click . The Edit Bookmark form displays.

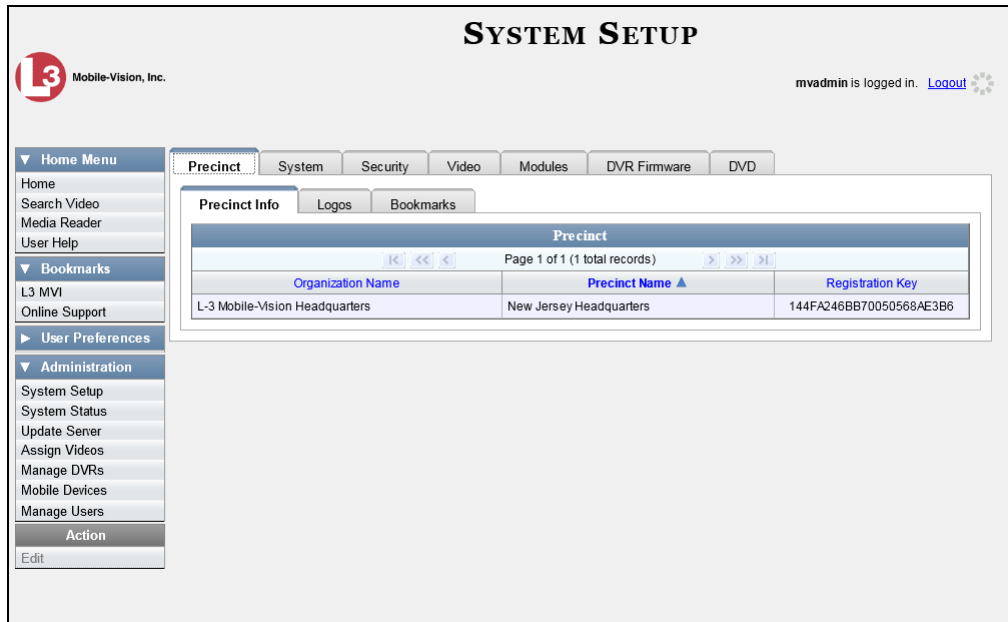


- 4 Enter/select your changes in the appropriate field(s).
- 5 Click **Save**.

Deleting a Bookmark

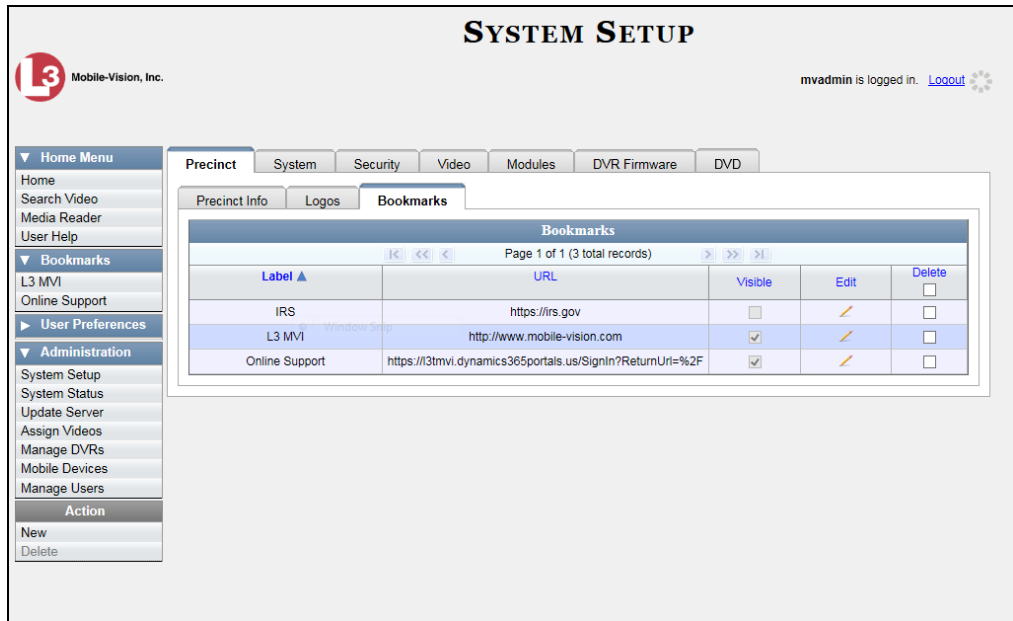
This section describes how to delete a bookmark link so that it no longer displays in the *Bookmarks* column on the Home page. For more on bookmarks and how they are used in the DEV application, see “Maintaining Bookmarks” on page 400.

- 1 Go to  and click **System Setup**. The System Setup page displays.



Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **Bookmarks** tab. Your existing bookmarks display.



SYSTEM SETUP

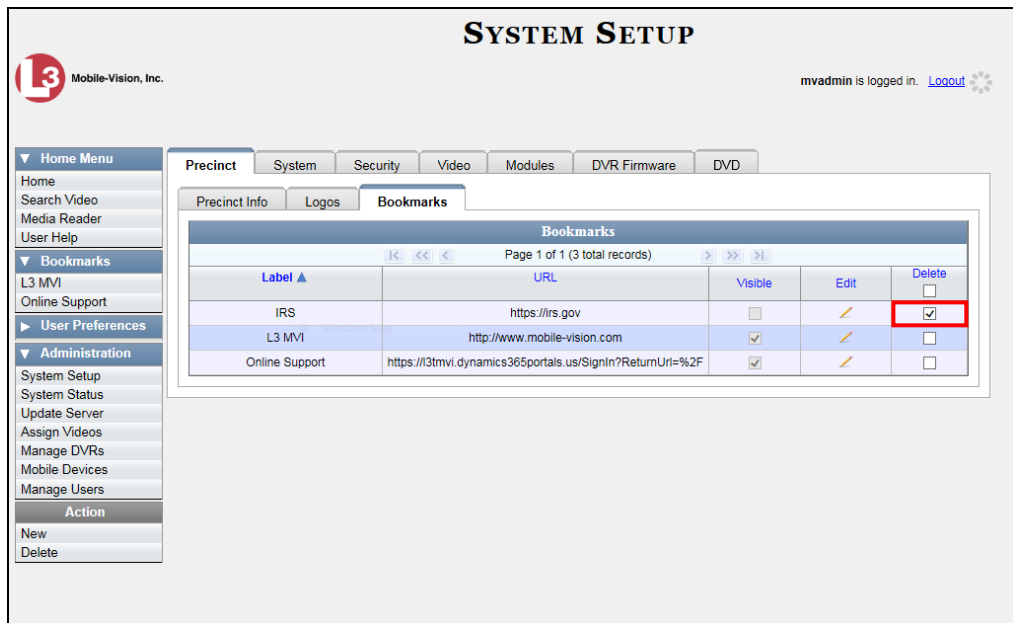
Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Precinct System Security Video Modules DVR Firmware DVD

Precinct Info Logos **Bookmarks**

Label ▲	URL	Visible	Edit	Delete
IRS	https://irs.gov	<input type="checkbox"/>		<input type="checkbox"/>
L3 MVI	http://www.mobile-vision.com	<input checked="" type="checkbox"/>		<input type="checkbox"/>
Online Support	https://l3tmvi.dynamics365portals.us/SignIn?ReturnUrl=%2F	<input checked="" type="checkbox"/>		<input type="checkbox"/>

- Go to the *Delete* column and select the bookmark(s) you wish to delete.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Precinct System Security Video Modules DVR Firmware DVD

Precinct Info Logos **Bookmarks**

Label ▲	URL	Visible	Edit	Delete
IRS	https://irs.gov	<input type="checkbox"/>		<input type="checkbox"/>
L3 MVI	http://www.mobile-vision.com	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Online Support	https://l3tmvi.dynamics365portals.us/SignIn?ReturnUrl=%2F	<input checked="" type="checkbox"/>		<input type="checkbox"/>



HINT: To delete *all* the Bookmarks, select the first checkbox at the top of the *Delete* column.

- Go to the **Action** column and click **Delete**. A confirmation message displays.

(Continued)

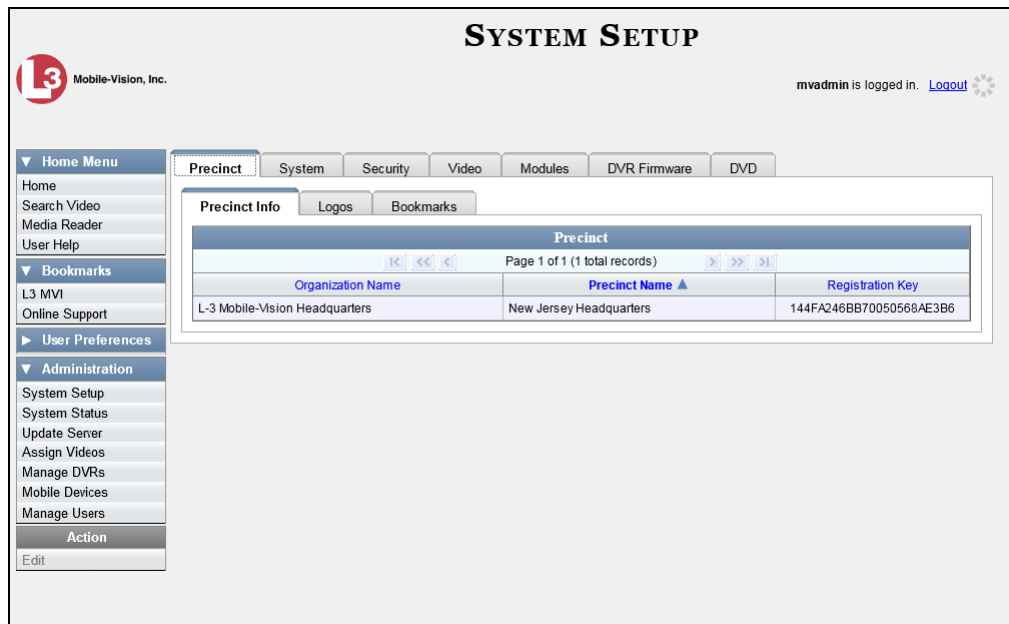


- 5 Click **Yes**. The selected record(s) are removed from the Bookmarks list.

Changing the Number of Rows Per Page

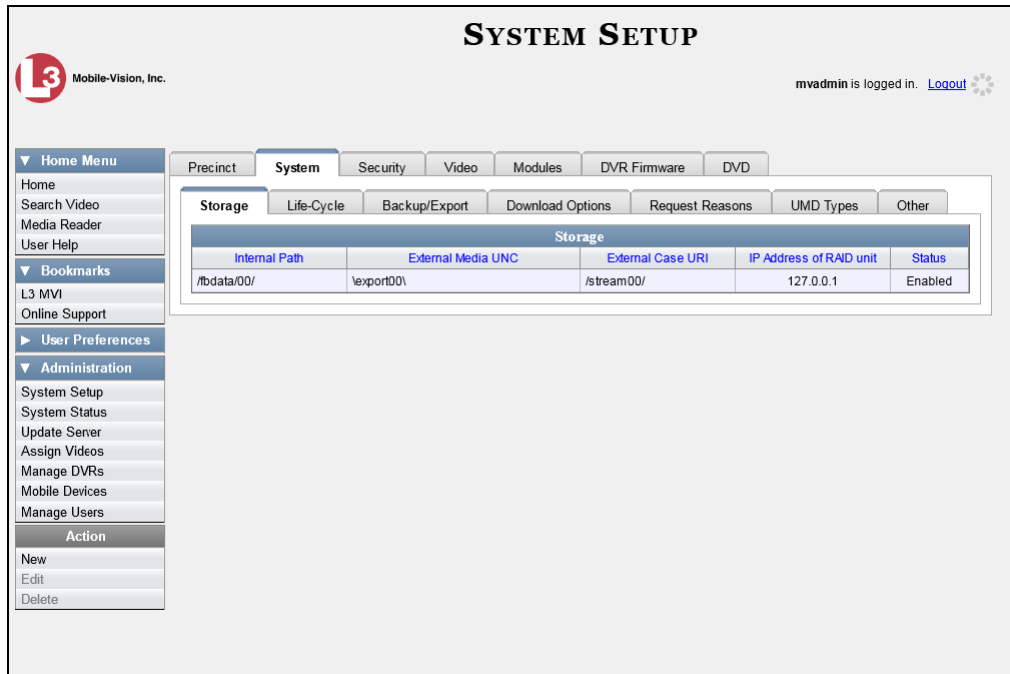
Whenever you search for or display certain records (videos, cases, DVRs, etc.), a certain number of records will display by default, such as six rows per page for videos. If desired, you may increase or decrease these defaults, as described in this section.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.

A screenshot of the "SYSTEM SETUP" web application interface. The page title is "SYSTEM SETUP" and the logo for "L3 Mobile-Vision, Inc." is in the top left. The user "mvadmin" is logged in. The navigation menu on the left includes "Home Menu", "Bookmarks", "User Preferences", and "Administration". The "Administration" menu is expanded, showing "System Setup" as the selected option. The main content area has tabs for "Precinct", "System", "Security", "Video", "Modules", "DVR Firmware", and "DVD". The "Precinct" tab is active, showing a "Precinct Info" section with a table of records. The table has columns for "Organization Name", "Precinct Name", and "Registration Key".

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **System** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

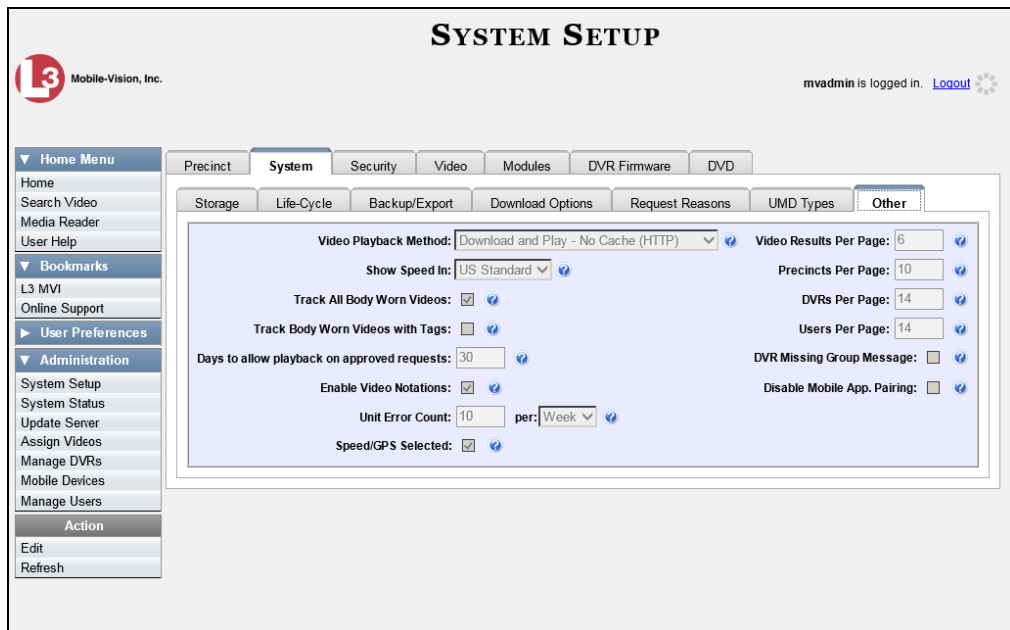
Action: New, Edit, Delete

System Setup: Precinct, **System**, Security, Video, Modules, DVR Firmware, DVD

Storage: Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, **Other**

Storage				
Internal Path	External Media UNC	External Case URI	IP Address of RAID unit	Status
/bdata/00/	\export001	/stream00/	127.0.0.1	Enabled

3 Click the **Other** tab.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: Edit, Refresh

System Setup: Precinct, **System**, Security, Video, Modules, DVR Firmware, DVD

Storage: Life-Cycle, Backup/Export, Download Options, Request Reasons, UMD Types, **Other**

Video Playback Method:

Show Speed In:

Track All Body Worn Videos:

Track Body Worn Videos with Tags:

Days to allow playback on approved requests:

Enable Video Notations:

Unit Error Count: per:

Speed/GPS Selected:

Video Results Per Page:

Precincts Per Page:

DVRs Per Page:

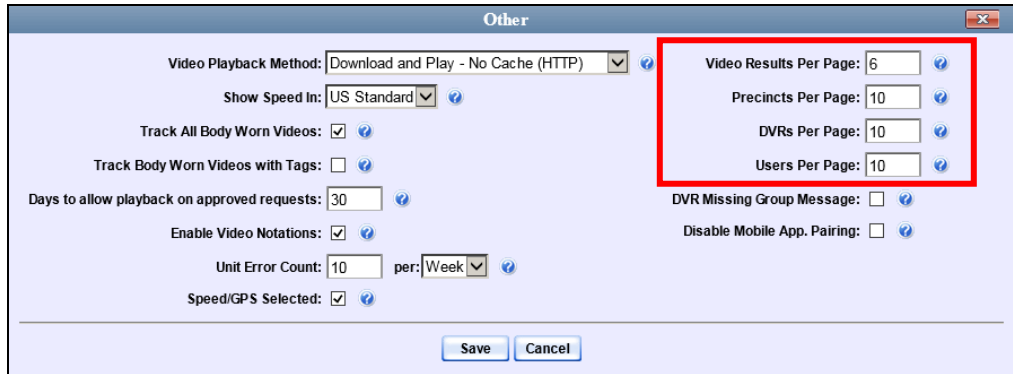
Users Per Page:

DVR Missing Group Message:

Disable Mobile App. Pairing:

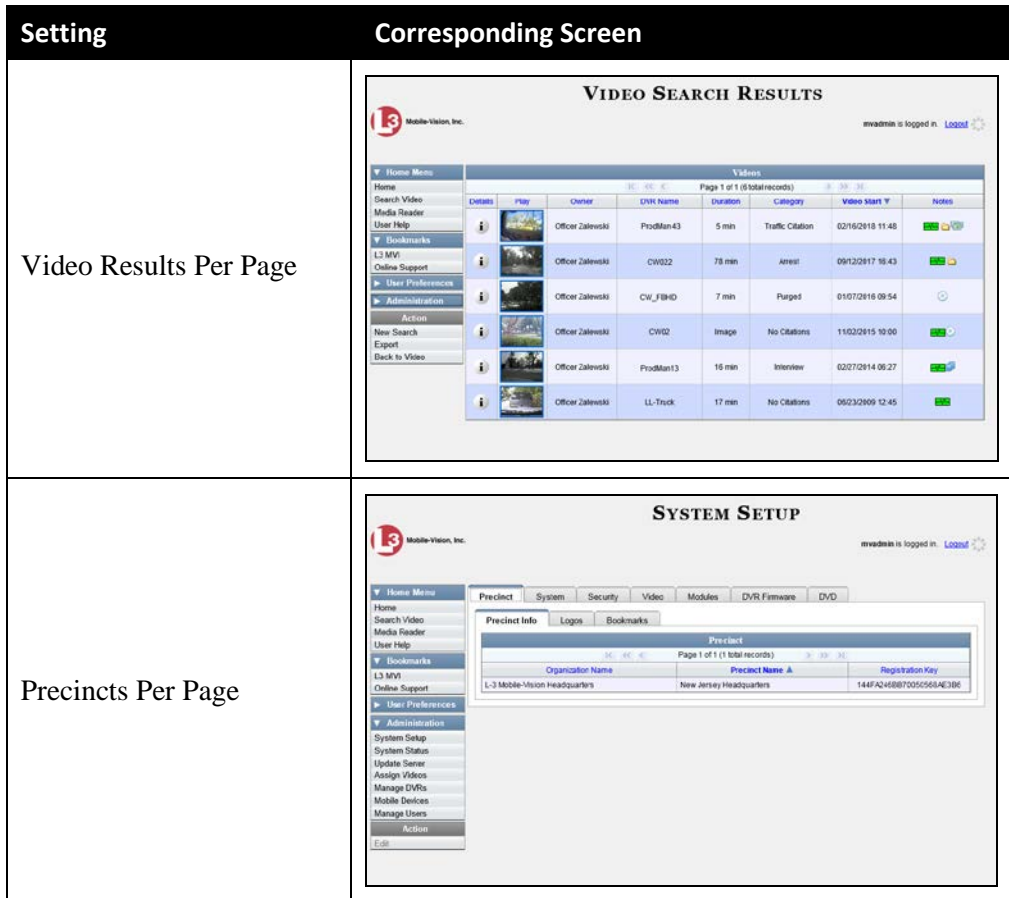
4 Go to the **Action** column and click **Edit**. The Other popup displays.


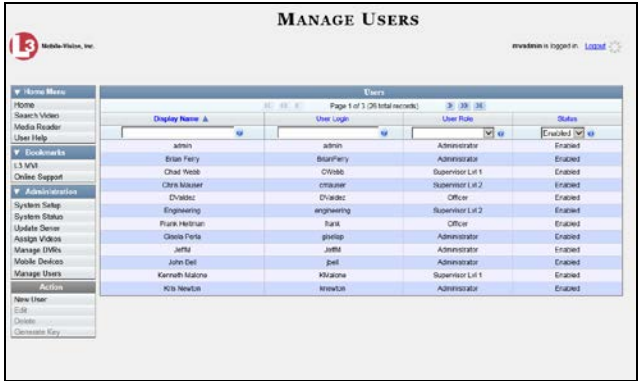
(Continued)



The rows per page settings are on the right side of the Other popup.

- 5 Go to the right of the screen and enter the desired number of rows in the boxes provided. The screens that correspond to each setting are displayed below.



Setting	Corresponding Screen
DVRs Per Page	
Users Per Page	

6 Click **Save**.

7

Security

User Roles

DEV includes a security feature called *user roles*. A user role is simply a group of permissions that you can assign to one or more users. When a user logs into DEV, the system will grant him access to the various system functions according to his assigned user role. If desired, you may also grant certain users access to additional permissions above and beyond what is included in their assigned user role. For example, if you want only one of your officers to be able to burn Consumer DVDs, you might assign that user the role of *Officer* **and** two additional permissions: *Consumer DVD Format*, and *Burn to Disk*.

Password Rules

To further enhance your application security, DEV also allows you to define the rules that apply to a user password. These include password length, password complexity, and the number of logon attempts allowed before the system disables a password.

For more information, see:

- Assigning Permissions, below
- Defining Password Policies, page 432.

Assigning Permissions

Users are granted access to various system functions by assigning them a *user role*. There are two types of user roles: *system-defined* and *custom*.

For more information, see:

- Permissions for User Roles, below
- System-Defined User Roles, page 413
- Custom User Roles, page 420
- Assigning Permissions to a User, page 430.

Permissions for User Roles

As System Administrator, you need to determine which options you want each *user role* to have access to. If an officer's assigned user role allows him to perform a particular task, he will have access to that function. Otherwise he will *not* have access to that function.

The table on the next page describes all the system tasks that are permission-driven.

(Continued)

Permissions for User Roles	
Name of Permission	Allows the User to...
Admin Messages	Send administrator messages to the user's <i>Inbox Messages list</i>
Assign Videos	Access the Assign Video menu
Authorize Media Playback	Grant or deny user access to <i>BodyVISION</i> and/or <i>BWX-100</i> videos
Can Own Video	Own system video
Can Reset DVR	Remove a non-operational DVR's serial number from the server PC
Can View Body Worn Videos	View <i>BodyVISION</i> and <i>BWX-100</i> videos/snapshots without having to submit a viewing request
Display MAX Speed	View the <i>Maximum Speed</i> field on the Video Details page
Edit Private Data	View/edit video that is marked as <i>private</i>
Export Display GPS	Include a <i>Show GPS</i> checkbox on the Export Options popup, which, when selected, will allow user to view the <i>Latitude</i> , <i>Longitude</i> , and <i>Heading</i> fields while playing exported Data DVD videos
Export Display Speed	Include a <i>Show Speed</i> checkbox on the Export Options popup, which, when selected, will allow user to view the <i>Speed</i> field while playing exported Data DVD videos
Export Format—Consumer DVD	Export video to a Consumer DVD disc
Export Format—Data DVD	Export video to a Data DVD disc
Export Format—FOIA	Export video to your PC in FOIA Redacted format
Export Format—Interchange	Export video to an .MP4 or .AVI file
Export Format—Uncompressed	Export video to .MP4 or digital video (DV) format
Export To Disc	Export video to a DVD disc
Export To File	Export video to a ZIP or ISO file
Generate Reports	Access the <i>Advanced Reporting</i> feature.
Google Earth	Download GPS data in a KML file format for use with Google Earth
Manage DVRs	Access the Manage DVRs menu
Manage Users	Access the Manage Users menu
Media Reader	Upload video via the Media Reader option
Mobile Devices	Access the Mobile Devices menu, which is used to track <i>BodyVISION</i> and <i>BWX-100</i> DVRs
Player Display GPS	View the <i>Latitude</i> , <i>Longitude</i> , and <i>Heading</i> fields while playing videos on the server; search on the <i>Latitude</i> and <i>Longitude</i> fields
Player Display Speed	View the <i>Speed</i> field while playing videos on the server; search on the <i>Speed Greater Than</i> field
Reactivate Video	Restore videos from DVD backups

Permissions for User Roles	
Name of Permission	Allows the User to...
Search Videos	Search video records
Select COC Logs	Select the type of information that will display on the Chain of Custody Report
System Setup	Access the System Setup menu. This permission should only be given to System Administrators.
System Status	Access the System Status menu
User Group	Have other users assigned to him. This limits his video searches to 1) public videos and 2) videos owned by users in his group.
View Data Logs	View video logs
View Only	View, but not edit, system data

System-Defined User Roles

System-Defined User Roles are the pre-defined user groups that come standard with DEV. These include:

- Officer
- Display-only Video
- Supervisor Lvl 1
- Supervisor Lvl 2
- Administrator.

These roles are customizable. You can add or remove permissions from them as desired. However, the names of these roles cannot be changed, nor can they be deleted from the system.

For a description of system permissions, see “Permissions for User Roles” on page 412.

For more information, see:

- Default Permissions for System-Defined User Roles, below
- Changing the Settings for a System-Defined User Role, page 415
- Restoring a System-Defined User Role to its Default Settings, page 419.

Default Permissions for System-Defined User Roles

This section lists the default permissions for the system-defined user roles that come standard with DEV. For more on user roles, refer to this chapter’s introduction and/or “System-Defined User Roles” on page 411.

(Continued)

System Administrator									
Display-only Video									
Officer									
Supervisor Lvl 1									
Supervisor Lvl 2									
Name of Permission	Allows the User to...								
Admin Messages	Access administrator messages	✓							✓
Assign Videos	Access the Assign Video menu	✓							✓
Authorize Media Playback	Grant or deny user access to Body Worn videos	✓	✓						
Can Own Video	Own system video	✓	✓	✓					
Can Reset DVR	Remove a non-operational DVR's serial number from DEV								
Can View Body Worn Video	View Body Worn files without a viewing request	✓	✓						✓
Display Max Speed	View <i>Maximum Speed</i> field on the Video Details page	✓	✓	✓	✓				✓
Edit Private Data	View/edit video that is marked as <i>private</i>	✓	✓						✓
Export Display GPS	Include GPS fields with video exports*	✓	✓	✓	✓				✓
Export Display Speed	Include <i>Speed</i> field with video exports*	✓	✓	✓	✓				✓
Export Format–Consumer DVD	Export video to a Consumer DVD disc								✓
Export Format–Data DVD	Export video to a Data DVD disc								✓
Export Format–FOIA Redacted	Export video to your PC in FOIA Redacted Format								✓
Export Format–Interchange	Export video to an .MP4 or .AVI file								✓
Export Format–Uncompressed	Export video to digital video (DV) and MP4 formats								✓
Export To Disk	Export video to a DVD disc								✓
Export To File	Export video to a .ZIP or .ISO file								✓
Generate Reports	Access the <i>Advanced Reporting</i> feature								✓
Google Earth	Download GPS data as .KML file for use with Google Earth	✓	✓						✓
Manage DVRs	Access the Manage DVRs menu	✓							✓
Manage Users	Access the Manage Users menu	✓							✓
Media Reader	Upload video via the Media Reader option	✓	✓						✓
Mobile Devices	Access the Mobile Devices menu								✓
Player Display GPS	View GPS fields when playing videos on the server	✓	✓	✓	✓				✓
Player Display Speed	View <i>Speed</i> field when playing videos on the server	✓	✓	✓	✓				✓
Reactivate Video	Restore videos from DVD backups	✓	✓						✓
Search Videos	Search public video records	✓	✓	✓	✓				✓
Select COC Logs	Select logs to display on Chain of Custody Reports								✓
System Setup	Access the System Setup menu (system administrators)								✓
System Status	Access the System Status menu	✓							✓
User Group	Have other users assigned to him**	✓	✓						
View Data Logs	View video logs								✓
View Only	View, but not edit, system data					✓			

* Data DVD format only

** This limits the user's video searches to 1) public videos and 2) videos owned by users in his group.

Changing the Settings for a System-Defined User Role

This section describes how to change the default settings for one of the predefined user roles that come with DEV:

- Officer
- View-only Video
- Supervisor Lvl 1
- Supervisor Lvl 2
- System Administrator.

You can change a user role's *session timeout setting* and/or its *permissions*, as described below.

- Session Timeout.* The *session timeout* setting is the number of idle-time minutes that must pass before the system automatically logs a user off the system. If a user type will be performing time-intensive tasks, such as installing a new software release or manually uploading videos, it's recommended that you set their session timeout to a *minimum* of 60 minutes.
- Permissions.* A user role's *permissions* determine what system functions a user will or will not be able to access. You can add/remove any number of permissions to/from a selected user role. For a list of permissions, see "Permissions for User Roles" on page 412.

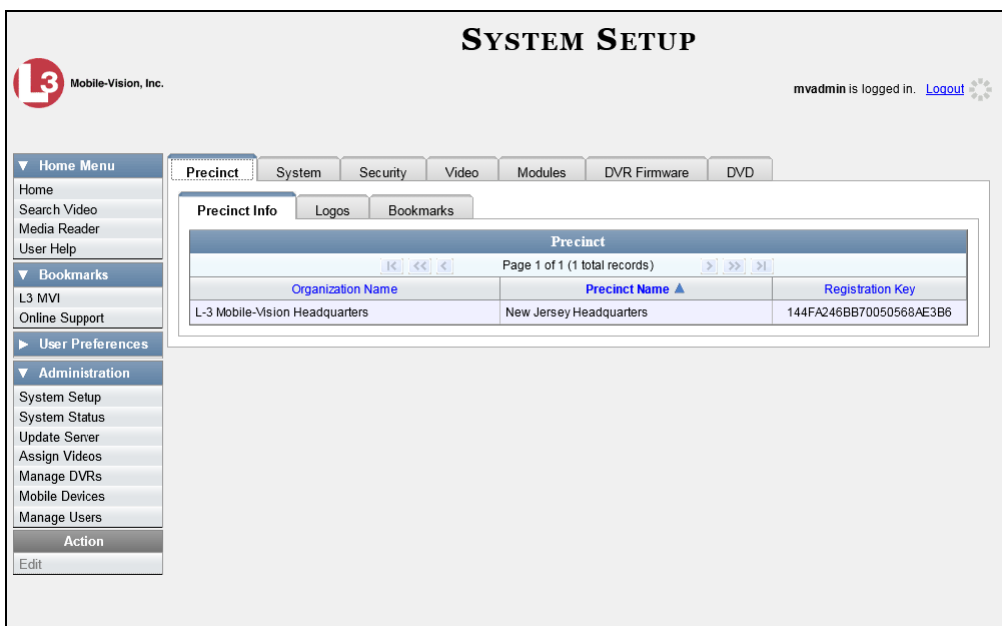
Whenever you update a user role, your changes will affect all users who share that role. For example, if you add the *Can Reset DVR* permission to the *Supervisor Lvl 1* user role, then all *Supervisor Lvl 1* users will automatically be assigned the *Can Reset DVR* permission. See FAQ below.

FAQ: Do I need to update my user records after I modify a user role? No. The new permissions will automatically be assigned to all users who share that user role. However, there **are** two circumstances where you should update a user's permissions from within their user record:

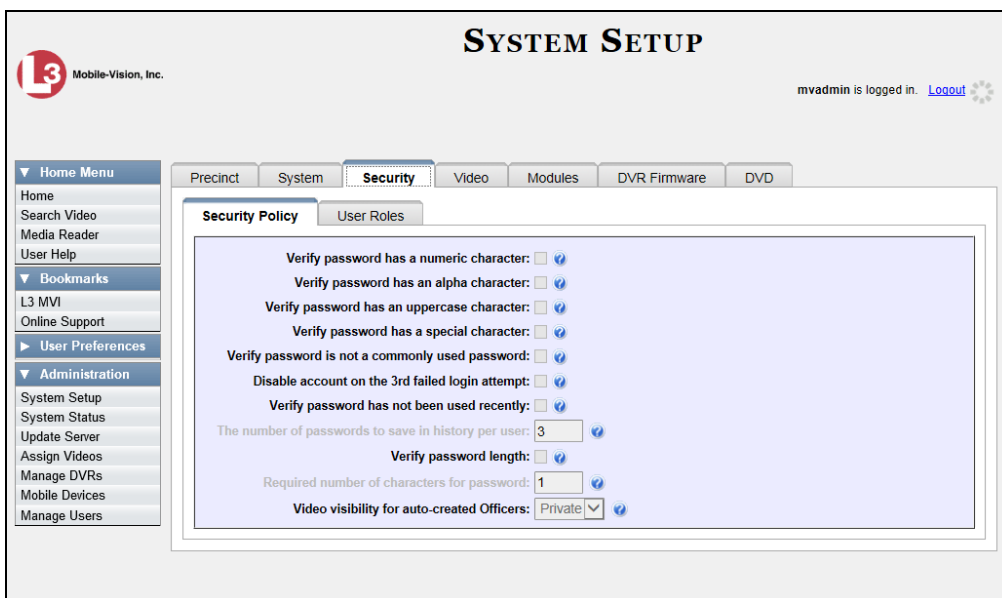
1. You need to change a user's assigned *user role*. For example, if an officer gets a promotion, you might want to change their user role from **Officer** to **Supervisor Lvl 1**. For more information, see "Changing a User" in the next chapter.
2. You want to give a user a few extra permissions that are not included with their assigned user role. For more information, see "Assigning Permissions to a User" on page 430.

Please note that you cannot change the name of a system-defined user role. If the predefined names do not meet your agency's needs, see "Adding a Custom User Role" on page 421 instead.

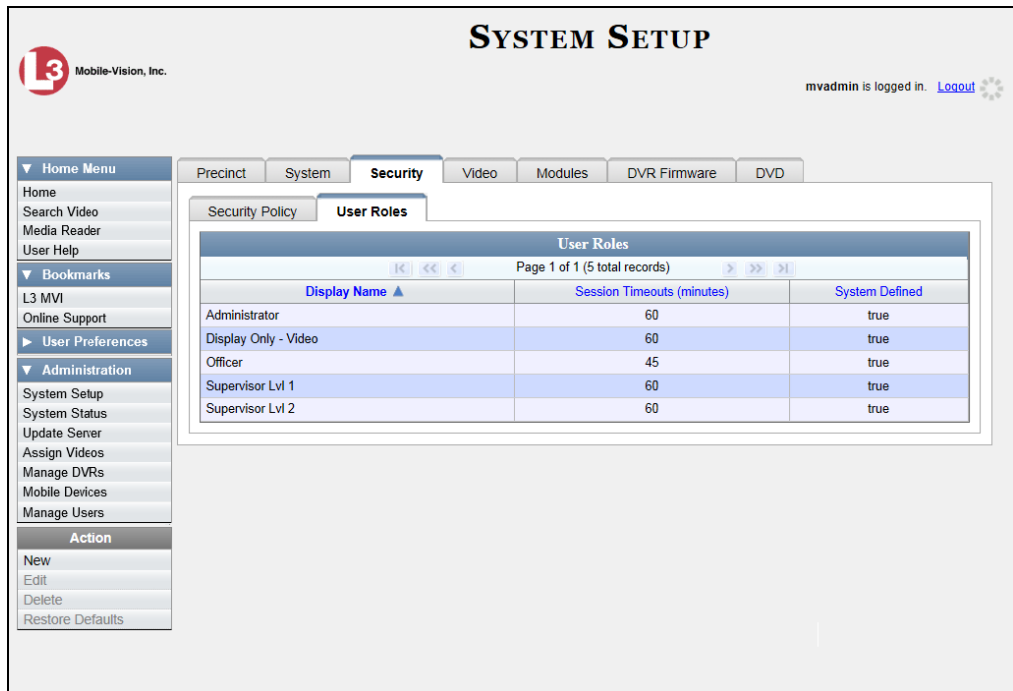
- 1 Go to  and click **System Setup**. The System Setup page displays.



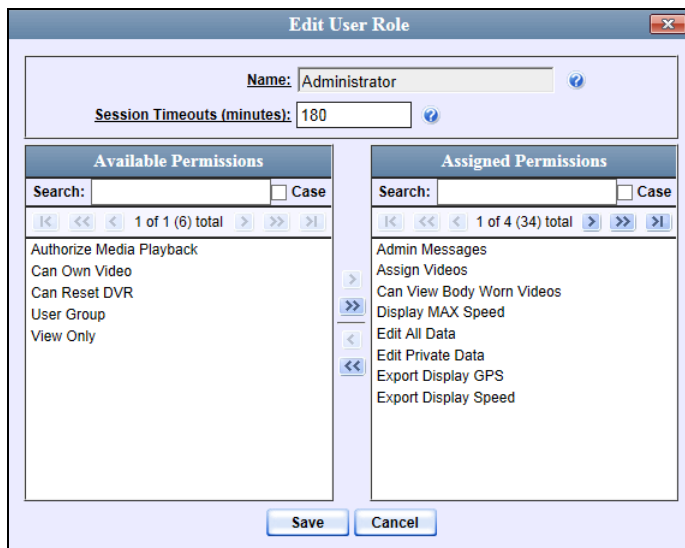
2 Click the **Security** tab.





3 Click the **User Roles** tab. The User Roles form displays.



- Right-click on the predefined user role that you wish to update, then select **Edit** from the popup menu. The Edit User Role popup displays.



- To change the *Session Timeout* setting for this user role (see definition on page 415), proceed to the next step. Otherwise skip to step 7.
- Enter a new value in the *Session Timeouts (minutes)* field.
- To *add* a permission to this user role, proceed to the next step. Otherwise skip to step 10.

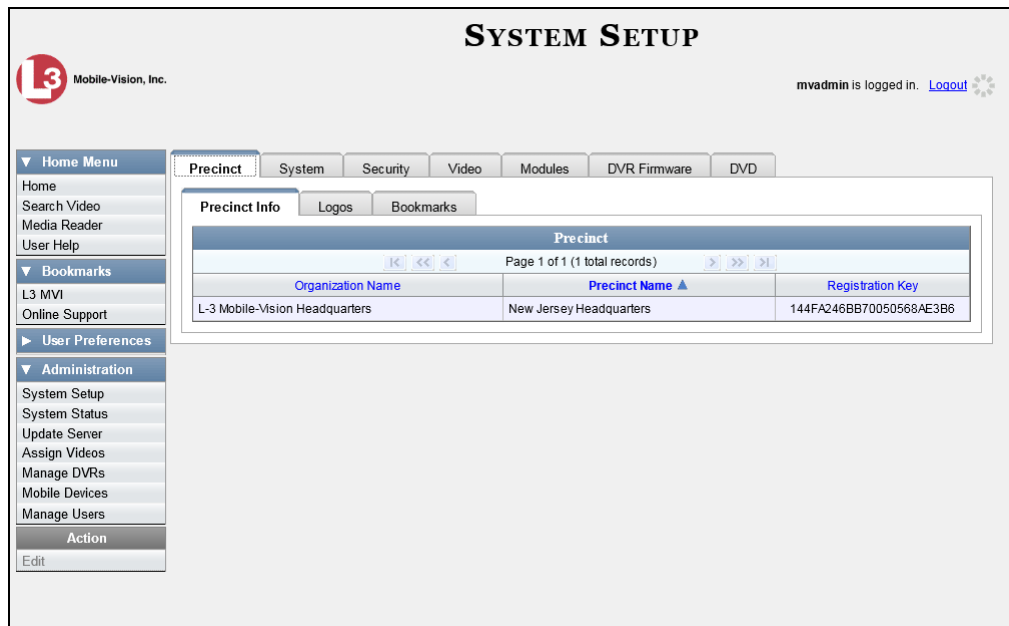
- 8 Go to the left column (Available Permissions) and click on each of the permissions you wish to add. If a permission you're looking for does not appear onscreen, use the *Search* field and/or navigation arrows at the top of the column to scroll through the permissions list.
- 9 Once you've highlighted the desired permissions, click the  icon located between the two columns. The selected permissions display in the right column (Assigned Permissions).
- 10 To *remove* a permission from this user role, proceed to the next step. Otherwise skip to step 13.
- 11 Go to the right column (Assigned Permissions) and click on each of the permissions you wish to remove.
- 12 Once you've highlighted the desired permissions, click the  icon located between the two columns. The selected permissions are removed from the *Assigned Permissions* list.
- 13 Click **Save**. The system analyzes your selections to make sure that they are logical. If there are any problems, the system will prompt you to make another selection. For example, if you selected **Export Format-Consumer DVD** but neglected to select **Export to Disc** as well, the system will prompt you to add the latter permission, as you can't burn a Consumer DVD unless you have disc-burning permission. Once you've saved the user role without any errors, a confirmation message displays.

User Role Administrator successfully saved.

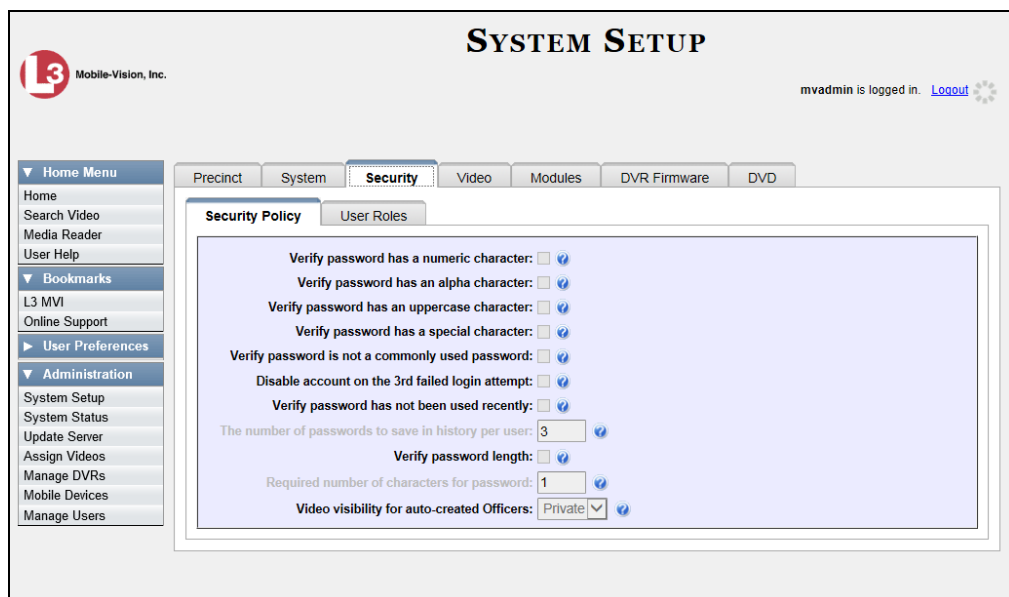
Restoring a System-Defined User Role to its Default Settings

This section describes how to restore a system-defined user role to its original factory settings. Perform this task if you previously changed the settings for a system-defined user role, but you now wish to restore that user role to its default settings.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.

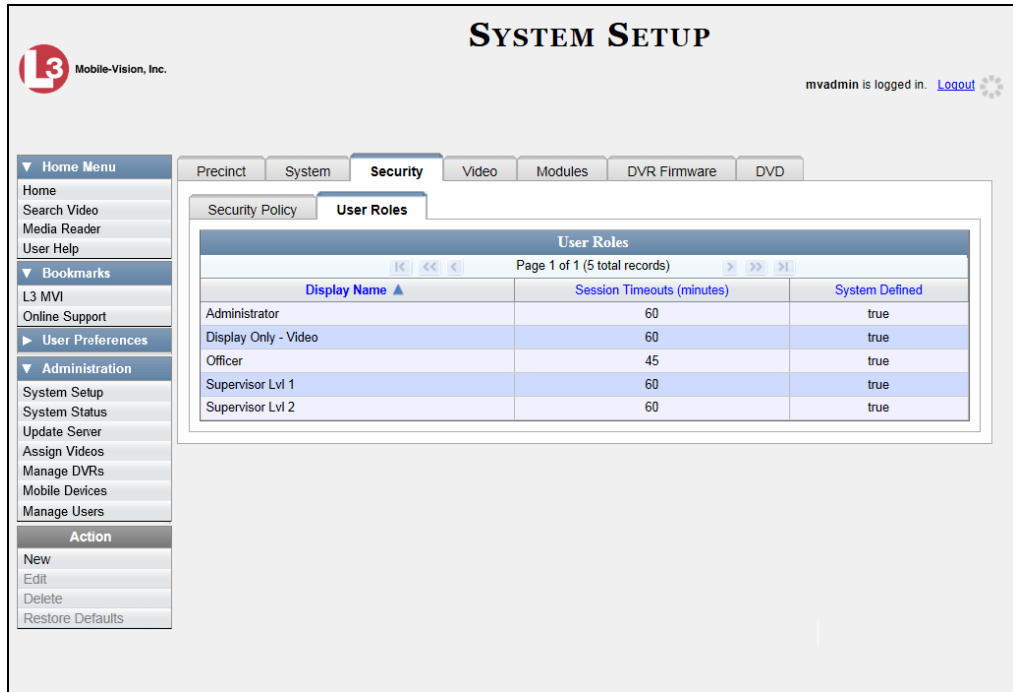


- 2 Click the **Security** tab.



(Continued)

- 3 Click the **User Roles** tab. The User Roles form displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu: Home, Search Video, Media Reader, User Help

Bookmarks: L3 MVI, Online Support

User Preferences

Administration: System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, Manage Users

Action: New, Edit, Delete, Restore Defaults

Security Policy | **User Roles**

User Roles

Page 1 of 1 (5 total records)

Display Name ▲	Session Timeouts (minutes)	System Defined
Administrator	60	true
Display Only - Video	60	true
Officer	45	true
Supervisor Lvl 1	60	true
Supervisor Lvl 2	60	true

- 4 Click on the user role that you wish to restore.
- 5 Go to the **Action** column and click **Restore Defaults**. A confirmation message displays.

User Role Officer successfully saved.

Custom User Roles

A *custom* user role is a group of permissions that has a unique name, that is, a name which differs from the five default names*. As with system-defined user roles, you can add or remove permissions from custom user roles as desired. For a list of permissions, see “Permissions for User Roles” on page 412.

For specific instructions, see:

- Adding a Custom User Role, next page
- Changing a Custom User Role, page 424
- Deleting a Custom User Role, page 428.

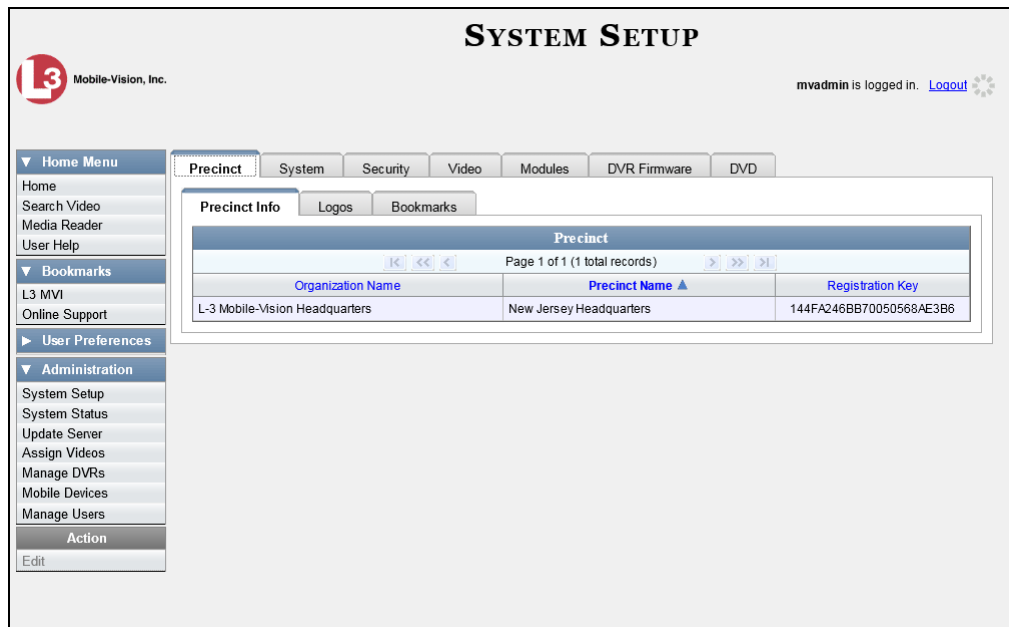
* Officer, View-only Video, Supervisor Lvl 1, Supervisor Lvl 2, and System Administrator

Adding a Custom User Role

This section describes how to create a new user role. For more on user roles, refer to this chapter's introduction and/or "Custom User Roles" on the previous page.

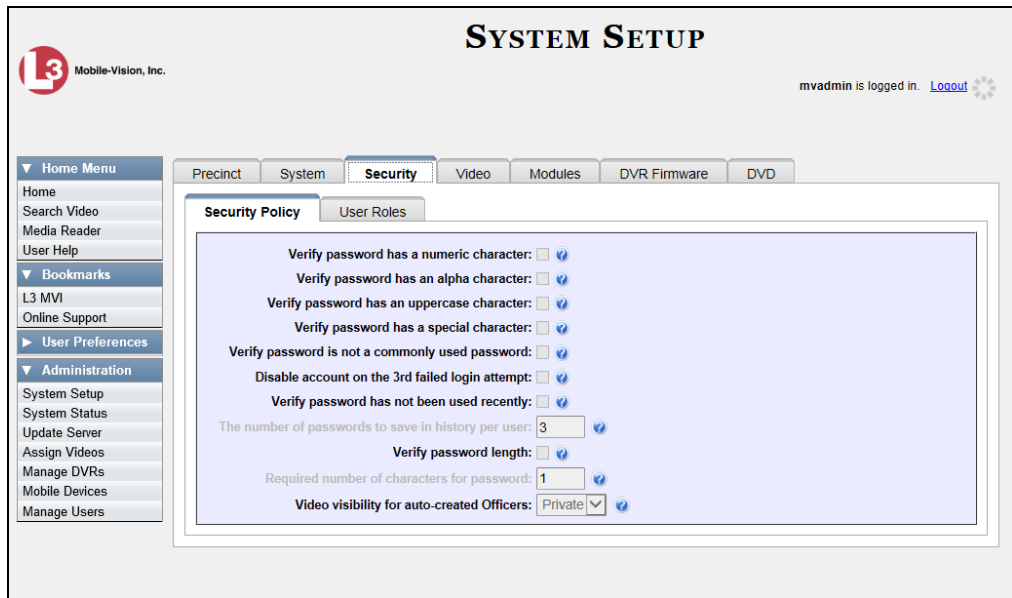
Perform this task when you wish to create a user role that has a *unique name*. Otherwise you can simply customize the system-defined user roles that come with DEV, as described in "Changing the Settings for a System-Defined User Role" on page 415.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.

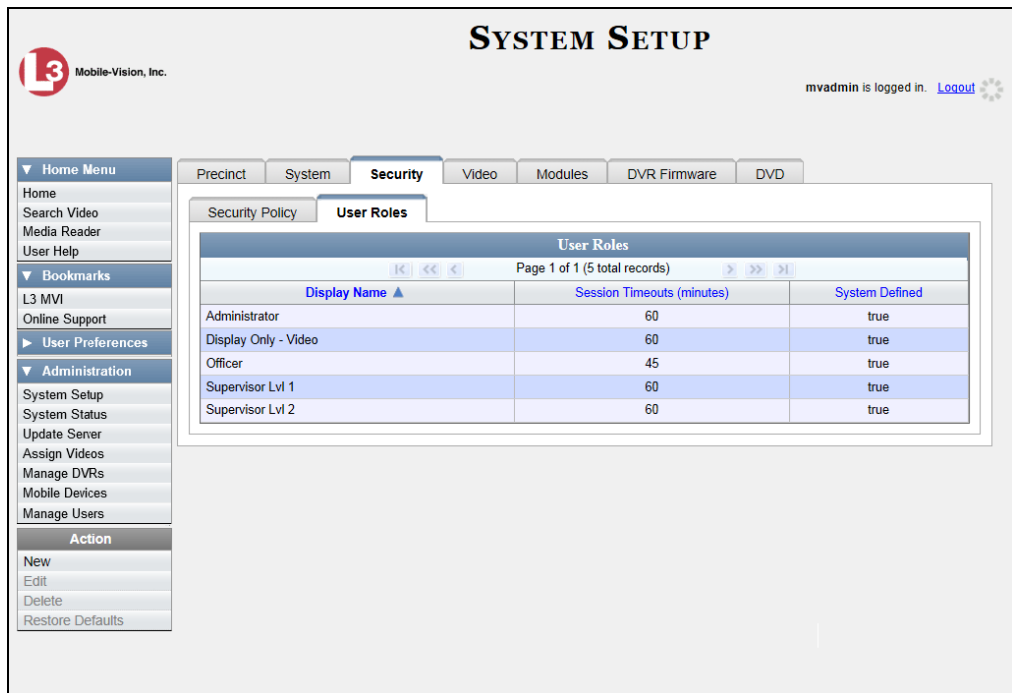


- 2 Click the **Security** tab.

(Continued)



3 Click the **User Roles** tab. The User Roles form displays.



The columns on this form are described in the following table.

User Roles	
Column	Description
Display Name	The name of this user role. The <i>system-defined</i> user role names never change. They are: <ul style="list-style-type: none"> Administrator Display Only – Video Officer Supervisor Lvl 1 Supervisor Lvl 2
Session Timeouts (minutes)	The number of idle-time minutes that must pass before the system automatically logs a user with this user role off the system.
System Defined	A true/false indicator that denotes whether or not this user role is system defined: True The user role is system-defined False The user role is <i>not</i> system-defined (i.e., it is <i>user-defined</i>)

- 4 Go to the **Action** column and click **New**. The New User Role form displays.

- 5 Go to the *Name* field and enter the name you wish to give this custom user role.

(Continued)


- 6 If you want to keep the Session Timeout setting* at 45 minutes (default), proceed to the next step.

– OR –

If you want to increase/decrease the Session Timeout setting*, go to the *Session Timeouts (minutes)* field and enter a new value.

- 7 Go to the left column (Available Permissions) and click on each of the permissions you wish to assign to this user role. If a permission you're looking for does not appear onscreen, use the *Search* field and/or navigation arrows at the top of the column to scroll through the permissions list.

For a detailed description of permissions, see “Permissions for User Roles” on page 412.

- 8 Once you've highlighted the desired permissions, click the  icon located between the two columns. The selected permissions display in the right column (Assigned Permissions).
- 9 Click **Save**. The system analyzes your selections to make sure that they are logical. If there are any problems, the system will prompt you to make another selection. For example, if you selected **Export Format-Consumer DVD** but neglected to select **Export to Disc** as well, the system will prompt you to add the latter permission, as you can't burn a Consumer DVD unless you have disc-burning permission.

Once you've saved the user role without any errors, a confirmation message displays.

User Role Evidence Technician successfully created.

Changing a Custom User Role

This section describes how to update a custom user role. You can change the following information:

- User Role Name*
- Session Timeout*. The *session timeout* setting is the number of idle-time minutes that must pass before the system automatically logs a user off the system.
- Permissions*. A user role's *permissions* determine what system functions a user will or will not be able to access. You can add/remove any number of permissions to/from a selected user role. For a list of permissions, see “Permissions for User Roles” on page 412.

* The number of idle-time minutes that must pass before the system automatically logs a user off the system.

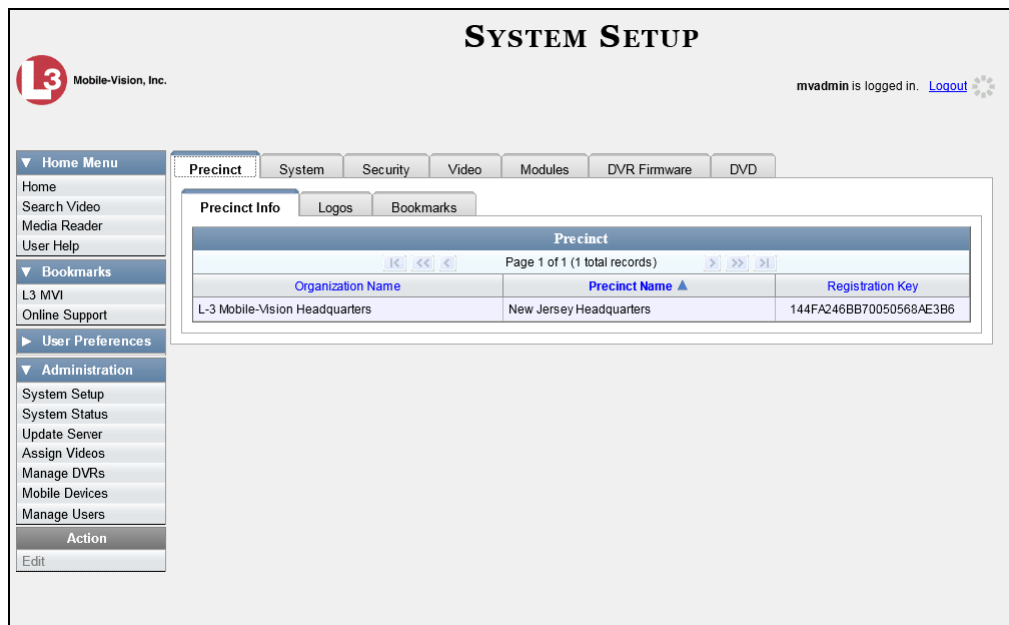
Whenever you update a user role, your changes will affect all users who share that role. For example, if you add the *Can Reset DVR* permission to the *Captain* user role, then all *Captain* users will automatically be assigned the *Can Reset DVR* permission. See FAQ below.

FAQ: Do I need to update my user records after I modify a user role? No. The new permissions will automatically be assigned to all users who share that user role. However, there **are** two circumstances where you should update a user’s permissions from within their user record:

1. You need to change a user’s assigned *user role*. For more information, see “Changing a User” in the next chapter.
2. You want to give a user a few extra permissions that are not included with their assigned user role. For more information, see “Assigning Permissions to a User” on page 430.

For more on user roles, refer to this chapter’s introduction and/or “Custom User Roles” on page 420.

- 1 Go to **Administration** and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

L3 Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

▼ Administration
System Setup
System Status
Update Sener
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

Action
Edit

Precinct System Security Video Modules DVR Firmware DVD

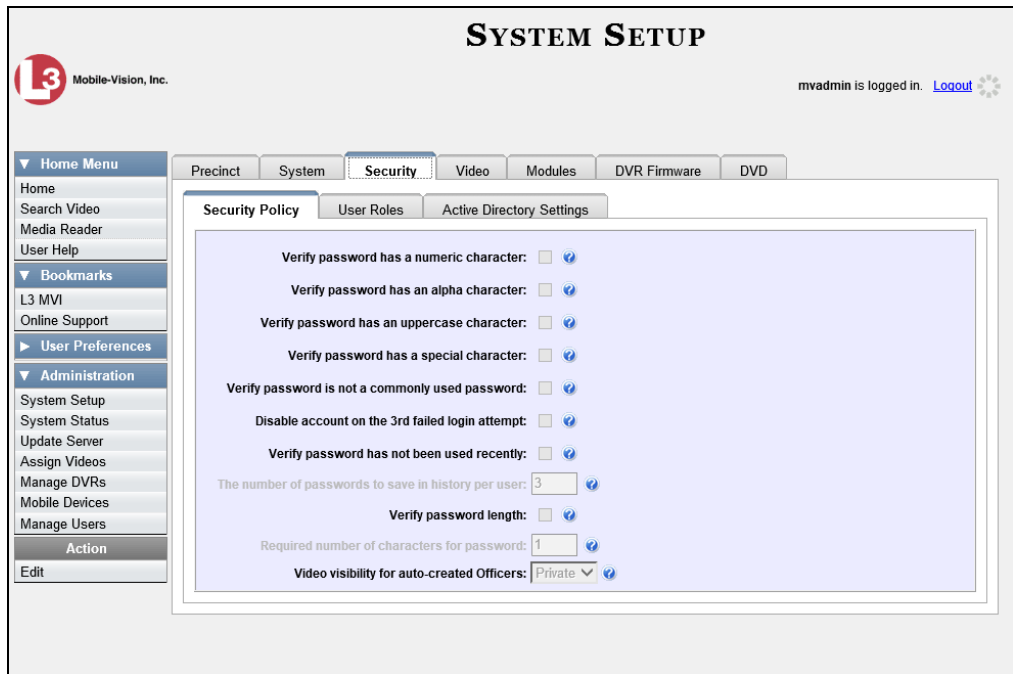
Precinct Info Logos Bookmarks

Precinct
Page 1 of 1 (1 total records)

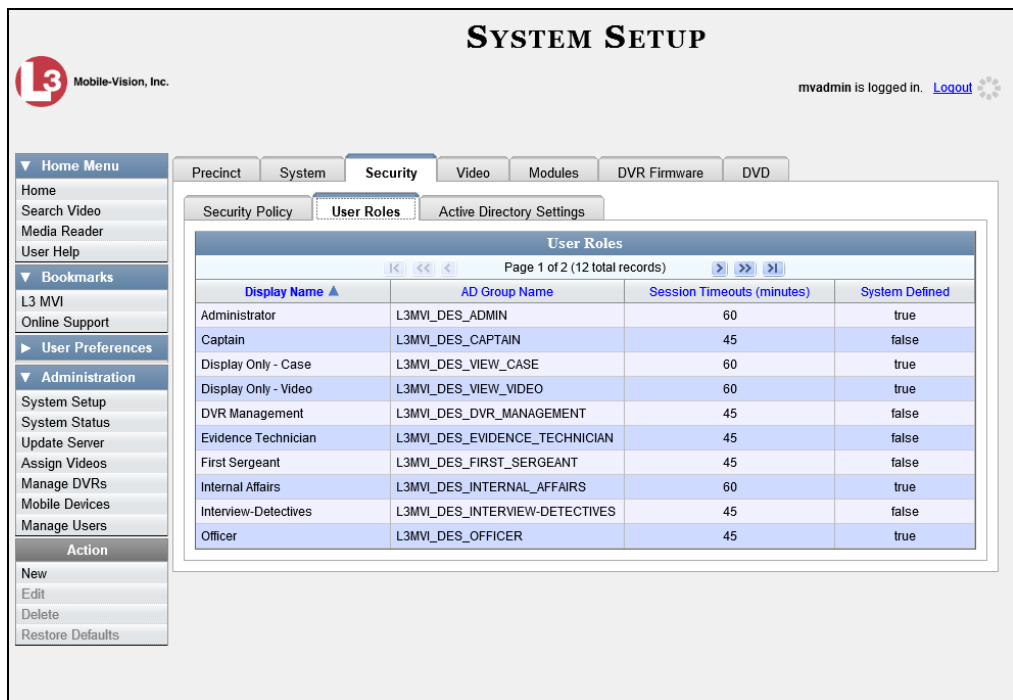
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- 2 Click the **Security** tab.

(Continued)

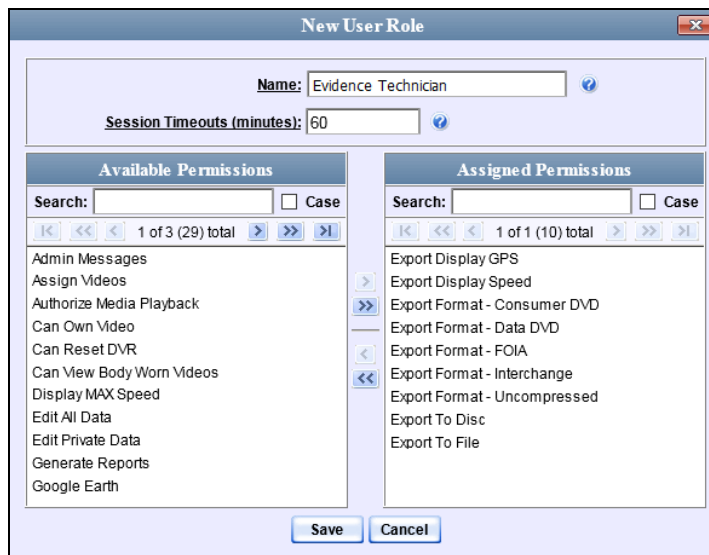



3 Click the **User Roles** tab. The User Roles form displays.




For a description of the columns on this form, see the table on page 423.

4 Right-click on the custom user role that you wish to update, then select **Edit** from the popup menu. The Edit User Role popup displays.



- 5 To change the name of this user role, enter a new value in the *Name* field. Otherwise proceed to the next step.
- 6 To change the Session Timeout setting* for this user role, proceed to the next step. Otherwise skip to step 8.
- 7 Enter a new value in the *Session Timeouts (minutes)* field.
- 8 To add a permission to this user role, proceed to the next step. Otherwise skip to step 11.
- 9 Go to the left column (Available Permissions) and click on each of the permissions you wish to add. If a permission you're looking for does not appear onscreen, use the *Search* field and/or navigation arrows at the top of the column to scroll through the permissions list.
- 10 Once you've highlighted the desired permissions, click the  icon located between the two columns. The selected permissions display in the right column (Assigned Permissions).
- 11 To *remove* a permission from this user role, proceed to the next step. Otherwise skip to step 14.
- 12 Go to the right column (Assigned Permissions) and click on each of the permissions you wish to remove.

* The number of idle-time minutes that must pass before the system automatically logs a user off the system.

- Once you've highlighted the desired permissions, click the  icon located between the two columns. The selected permissions are removed from the *Assigned Permissions* list.
- Click **Save**. The system analyzes your selections to make sure that they are logical. If there are any problems, the system will prompt you to make another selection. For example, if you added the **Export Format-Consumer DVD** permission but neglected to add **Export to Disc** as well, the system will prompt you to add the latter permission, as you can't burn a Consumer DVD unless you have disc-burning permission.

Once you've saved the user role without any errors, a confirmation message displays.

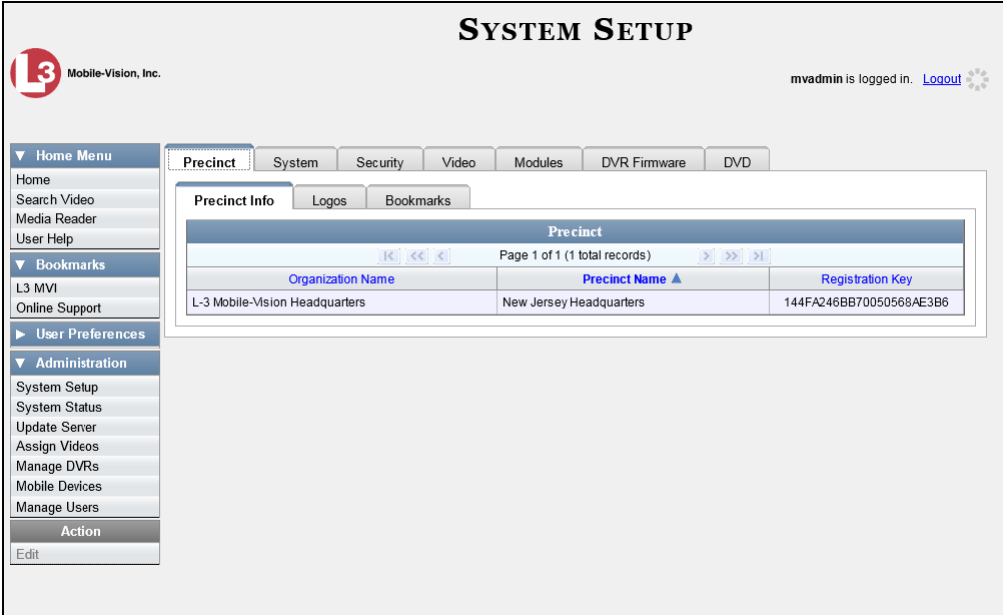
User Role Evidence Technician successfully saved.

Deleting a Custom User Role

This section describes how to delete a custom user role that is not currently assigned to any users. If the user role you wish to delete *is* currently assigned to one or more users, you will have to change each user's role assignment first before you can perform this procedure.

For more information, see "Changing a User" in chapter 8.

- Go to  and click **System Setup**. The System Setup page displays.



SYSTEM SETUP

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu
Home
Search Video
Media Reader
User Help

Bookmarks
L3 MVI
Online Support

User Preferences

Administration
System Setup
System Status
Update Sener
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

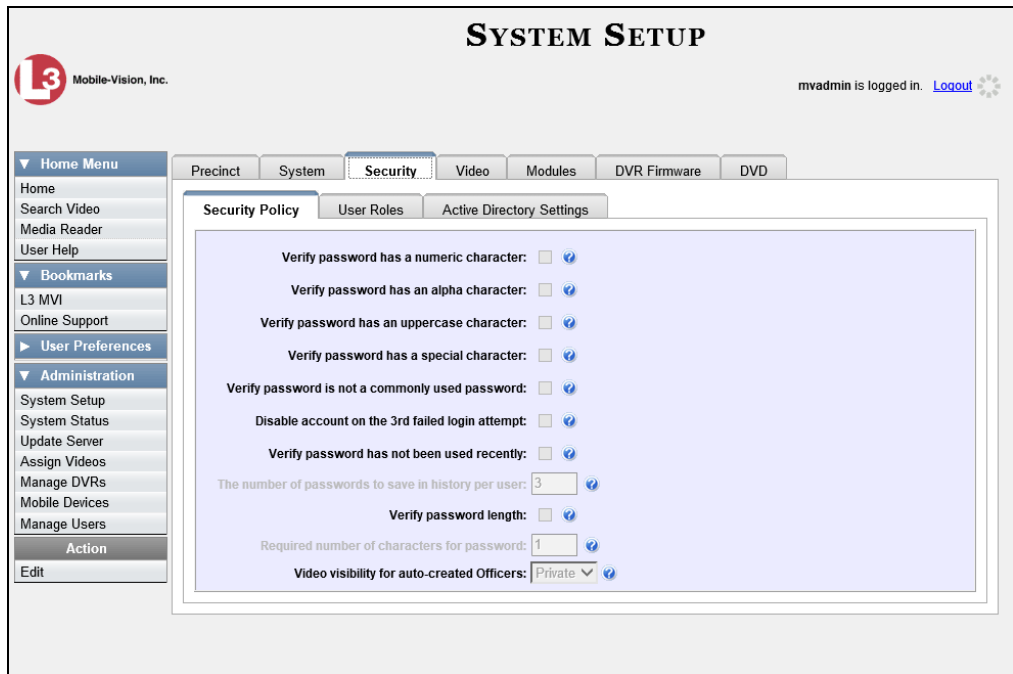
Action
Edit

Precinct System Security Video Modules DVR Firmware DVD

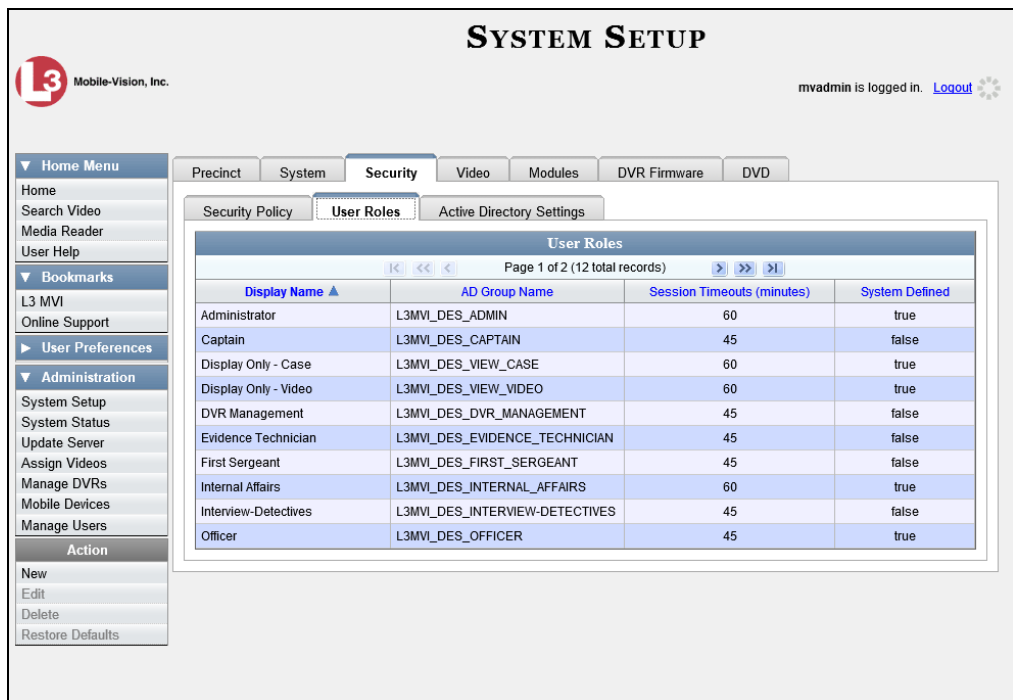
Precinct Info Logos Bookmarks

Precinct		
Organization Name	Precinct Name ▲	Registration Key
L-3 Mobile-Vision Headquarters	New Jersey Headquarters	144FA246BB70050568AE3B6

- Click the **Security** tab.



3 Click the **User Roles** tab. The User Roles form displays.



4 Right-click on the custom user role that you wish to delete, then select **Delete** from the popup menu. A verification message displays.



- Click **Yes**. A confirmation message displays:



Assigning Permissions to a User

There are two ways in which you can assign permissions to a user. First, you can assign permissions at the same time you create a user. This method is described in chapter 8, “Adding a User.” Second, you can assign permissions by changing an existing user’s *user role* and/or granting additional permissions to a user on an ad-hoc basis, as described in this section.

- Go to **Administration** and click **Manage Users**. The Manage Users page displays.

Display Name ▲	User Login	User Role	Status
admin	admin	Administrator	Enabled
Brian Ferry	BrianFerry	Administrator	Enabled
Chad Webb	CWebb	Supervisor Lvl 1	Enabled
Chris Mauser	cmauser	Supervisor Lvl 2	Enabled
DValdez	DValdez	Officer	Enabled
Engineering	engineering	Supervisor Lvl 2	Enabled
Frank Heitman	frank	Officer	Enabled
Gisela Peria	giselap	Administrator	Enabled
JeffM	JeffM	Administrator	Enabled
John Bell	jbell	Administrator	Enabled
Kenneth Malone	KMalone	Supervisor Lvl 1	Enabled
Kris Newton	knewton	Administrator	Enabled

- If the user record you wish to update appears in the *Display Name* column, skip to step 4.

– OR –

If the user record you wish to update does *not* appear in the *Display Name* column, proceed to the next step.

- Use the navigation arrows at the top of the form to scroll through the user list.

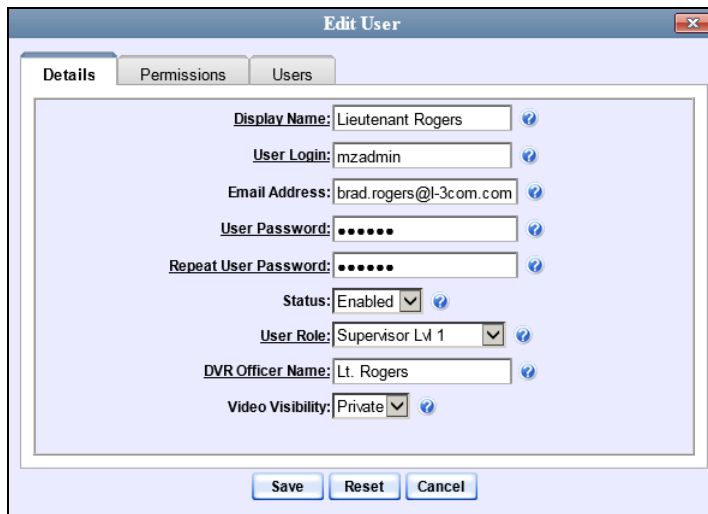
– OR –

Enter/select search criteria in the search field(s) provided.

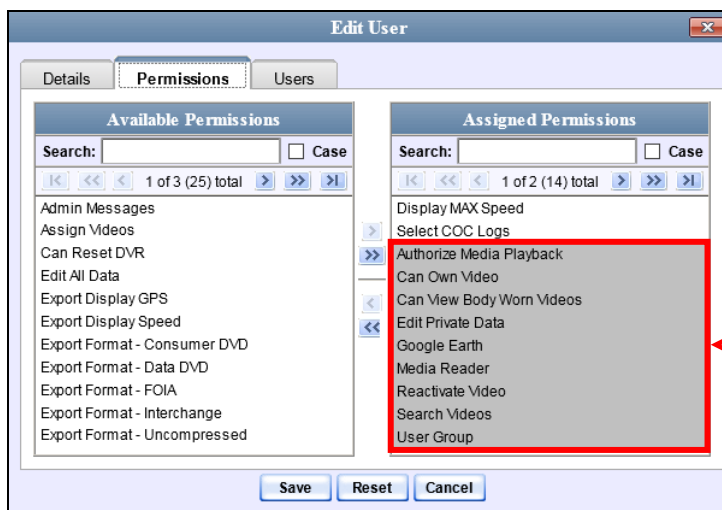
Display Name ▲	User Login	User Role	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	Enabled ▼

- Once the desired record appears in the *Display Name* column, right-click on it, then select **Edit** from the popup menu.

The Edit User popup displays.



- To change this user's *user role*, select a new role from the *User Role* drop-down list. Otherwise proceed to the next step.
- Click the **Permissions** tab. A list of permissions displays.




Please note that you cannot remove any of the permissions highlighted in gray. These are the permissions associated with the user's assigned *role*.

- 7 Review the current list of permissions for this user.

If you want to assign *additional* permissions to this user, proceed to the next step.

– OR –

If you do *not* want to assign additional permissions to this user (i.e., the default permissions are sufficient), skip to step 10.

- 8 Go to the left column (Available Permissions) and click on the new permissions you wish to assign. If a permission you're looking for does not appear onscreen, use the *Search* field and/or navigation arrows at the top of the column to scroll through the permissions list.
- 9 Once you've highlighted the desired permissions, click the  icon located between the two columns. The selected permissions display in the right column (Assigned Permissions).
- 10 Click **Save**. The system analyzes your selections to make sure that they are logical. If there are any problems, the system will prompt you to make another selection. For example, if you selected **Export Format-Consumer DVD** but neglected to select **Export to Disc** as well, the system will prompt you to add the latter permission, as you can't burn a Consumer DVD unless you have disc-burning permission.

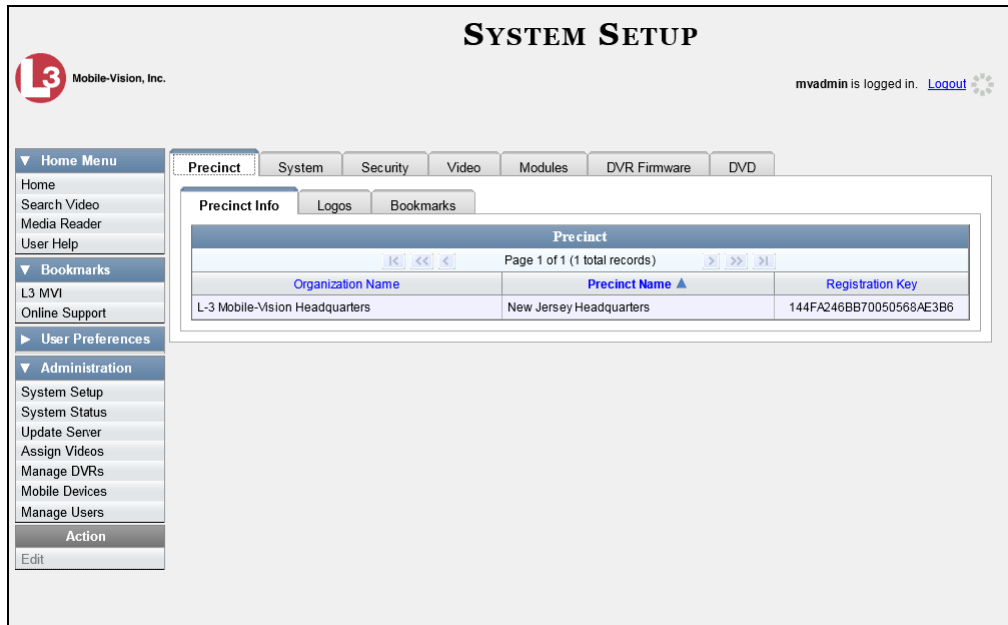
Once you've saved the user record without any errors, a confirmation message displays.

User Officer Zalewski successfully saved.

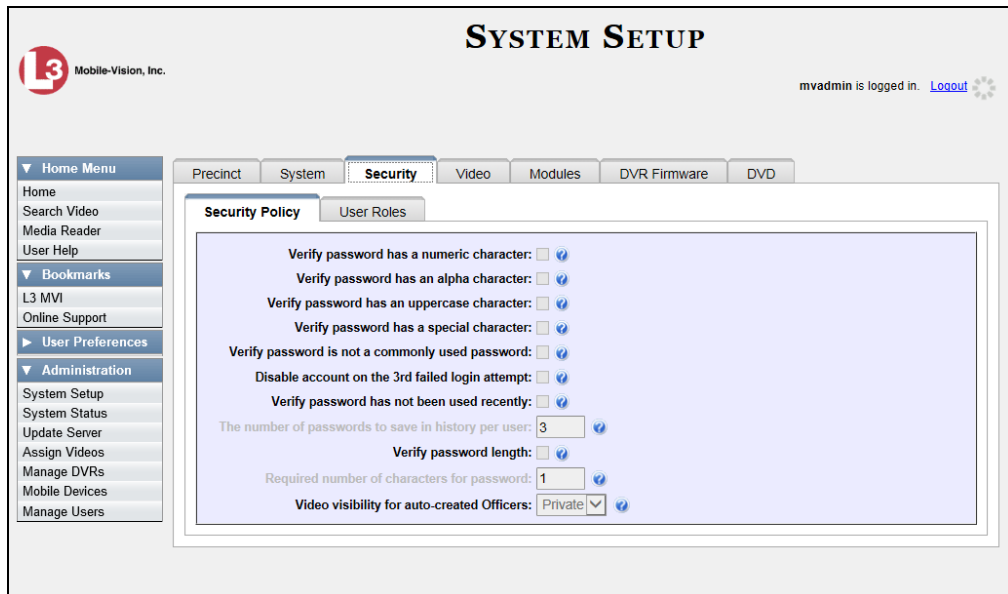
Defining Password Policies

This section describes how to define the rules that apply to a user password. These include password length, password complexity, and the number of login attempts allowed before the system disables a password.

- 1 Go to  and click **System Setup**. The System Setup page displays.



2 Click the **Security** tab.



3 Make sure the **Security Policy** tab is selected, as pictured above.

4 Go to the **Action** column and click **Edit**. The Edit Security Policy popup displays.

(Continued)



The security options on this form are described below.

Edit Security Policy	
Security Option	Description
Verify password has a numeric character	When you select this checkbox, the system will check to make sure all new passwords contain at least one numeric character (e.g., 1 – 9).
Verify password has an alpha character	When you select this checkbox, the system will check to make sure all new passwords contain at least one alpha character (e.g., a – z).
Verify password has an uppercase character	When you select this checkbox, the system will check to make sure all new passwords contain at least one uppercase character (e.g., A – Z).
Verify password has a special character	When you select this checkbox, the system will check to make sure all new passwords contain at least one special character (e.g., ! @ # \$ % &, etc.)
Verify password is not a commonly used password	When you select this checkbox, the system will check to make sure all new passwords do not match any of the passwords on the “common passwords” list. A copy of this list is found in the /fb/conf/word_list.txt file on the server PC. You can add more passwords to this file, if desired.
Disable account on the 3 rd failed login attempt	When you select this checkbox, the system will lock a user out of the system after he has tried to login to the system three consecutive times using invalid User ID(s) and/or password(s).
Verify password has not been used recently	This password function works in conjunction with the <i>number of passwords to save in history per user</i> field. When you select this checkbox, the system

Edit Security Policy (cont'd)	
Security Option	Description
Verify password has not been used recently (cont'd)	will check to make sure that a password has not been used in x number of times, with x being the number entered in the <i>number of passwords to save in history per user</i> field.
The number of passwords to save in history per user	This password function works in conjunction with the <i>Verify password has not been used recently</i> field. It indicates the number of passwords to save in history per user. When a user is required to change their password, they will not be able to reuse any of the same passwords they have used since the last x number of times their password was changed, with x being the number entered in this field.
Verify password length	This password function works in conjunction with the <i>Required number of characters for password</i> field. When you select this checkbox, the system will check to make sure that a password is a minimum of x number of characters in length, with x being the number entered in the <i>Required number of characters for password</i> field.
Required number of characters for password	This password function works in conjunction with the <i>Verify password length</i> field. It indicates the required minimum length for each password. When you enter a number in this field, it means that all passwords must be a minimum of x characters in length, with x being the number entered in this field.
Video visibility for auto created officers	The default visibility to use for videos that are owned by auto-created officers. <ul style="list-style-type: none"> ▪ Public. Allow any user to view videos that are owned by auto-created officers. ▪ Private. Allow only those users who have the <i>Edit Private Data</i> permission to view videos owned by auto-created Officers.

- 5 Scan through the first six security options and check those security features you wish to use.

(Continued)



- 6 If you don't want your users to be able to re-use recent passwords, proceed to the next step. Otherwise skip to step 9.
- 7 Select the checkbox to the right of *Verify password has not been used recently*.
- 8 Enter the number of passwords you want each of your users to have in the *number of passwords to save in history per user* field.
- 9 To set a minimum required length for passwords, proceed to the next step. Otherwise skip to step 12.
- 10 Select the checkbox to the right of the *Verify password length* field.
- 11 Enter the minimum number of characters that your passwords must have in the *Required number of characters for password* field.
- 12 To allow only those users with the *View Private Data* or *View All Data* permission to view videos owned by auto-created Officers (see box on the next page), proceed to the next step.
– OR –
To allow *any* user to view videos that are owned by auto-created Officers, select **Public** from the *Video Visibility for Auto-Created Officers* drop-down list.

What is an auto-created officer? If the value of a video's *Owner* field starts with ***1**, it indicates that it was auto-created by the system. There are two scenarios in which the system will automatically create an owner:

1. A user logs into a DVR using a User ID that does not reside on the server PC. After transmission occurs, the system recognizes that the DVR Officer Name does not match any existing records in the database, and so it creates a new owner name using the following naming convention: ***1 [DVR login name] @ [date/time]**. This name will display in the video's *Owner* field.
2. The **Record** feature on the DVR is activated when no officer is logged into the DVR. In this instance, the system will assign a default owner of ***1 No Name @ [time at which default officer name was created]** to any videos that were recorded during that session.

- 13 Click **Save**.

8 Users

This chapter describes how to enter and maintain user records in DEV. For more information, see:

- ❑ Searching for a User, below
- ❑ Maintaining Users in DEV, page 440
- ❑ Exporting User Activity to a Spreadsheet, page 452.

Searching for a User

This section describes how to search for an existing user record by one or more of the following fields: *Display Name*, *User Login*, *User Role*, and/or *Status*.

- 1 Go to **Administration** and click **Manage Users**. The Manage Users page displays.

The screenshot shows the 'MANAGE USERS' page. At the top left is the L3 Mobile-Vision, Inc. logo. At the top right, it says 'mvadmin is logged in. Logout'. Below the logo is a navigation menu with sections: Home Menu, Bookmarks, and Administration. The Administration section is expanded, showing options like System Setup, System Status, Update Sener, Assign Videos, Manage DVRs, Mobile Devices, and Manage Users. The 'Manage Users' option is selected. The main content area is titled 'Users' and shows a table with 4 columns: Display Name, User Login, User Role, and Status. The table has 13 rows of user data. The first row is highlighted with a red border, indicating it is the selected row for search. The table also includes pagination controls at the top: '<< < > >>' and 'Page 1 of 3 (26 total records)'. Below the table is an 'Action' menu with options: New User, Edit, Delete, and Generate Key.

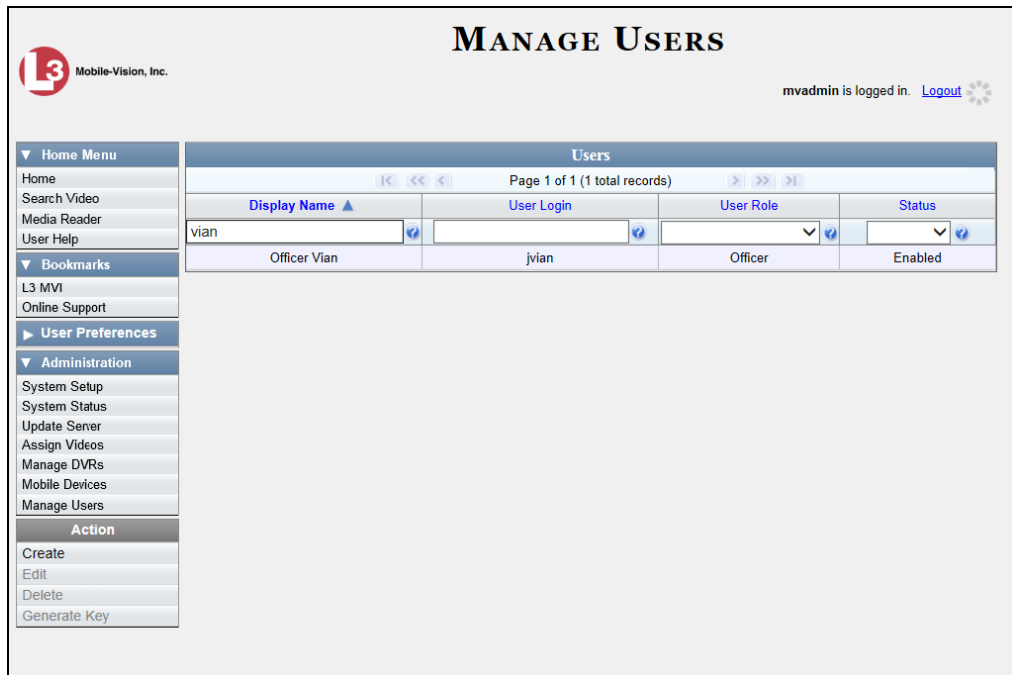
Display Name ▲	User Login	User Role	Status
admin	admin	Administrator	Enabled
Brian Ferry	BrianFerry	Administrator	Enabled
Chad Webb	CWebb	Supervisor Lvl 1	Enabled
Chris Mauser	cmauser	Supervisor Lvl 2	Enabled
DValdez	DValdez	Officer	Enabled
Engineering	engineering	Supervisor Lvl 2	Enabled
Frank Heltman	frank	Officer	Enabled
Gisela Perla	giselap	Administrator	Enabled
JeffM	JeffM	Administrator	Enabled
John Bell	jbell	Administrator	Enabled
Kenneth Malone	KMalone	Supervisor Lvl 1	Enabled
Kris Newton	knewton	Administrator	Enabled

- 2 Enter/select the field values you wish to search on, as described in the table on the next page.

(Continued)

Search Field	Description
Display Name	Limits your search to those users who have this text in their display name.
User Login	Limits your search to those users who have this text in their User ID.
User Role	Limits your search to those users who are assigned this user role. For more on user roles, see chapter 7. <i>Select the appropriate role from the drop-down list.</i>
Status	Limits your search to those users who have a status of either Enabled or Disabled . <i>Select the appropriate status from the drop-down list.</i>

After you enter a search value, the system will automatically display those records that match your search criteria.



The screenshot shows the 'MANAGE USERS' interface. At the top left is the 'L3 Mobile-Vision, Inc.' logo. At the top right, it says 'mvadmin is logged in.' with a 'Logout' link and a refresh icon. Below the header is a navigation menu with sections: Home Menu (Home, Search Video, Media Reader, User Help), Bookmarks (L3 MVI, Online Support), User Preferences, Administration (System Setup, System Status, Update Server, Assign Videos, Manage DVRs, Mobile Devices, Manage Users), and Action (Create, Edit, Delete, Generate Key). The main content area is titled 'Users' and shows a table with one record. The table has columns for Display Name, User Login, User Role, and Status. The record shows 'vian' as the Display Name, 'jvian' as the User Login, 'Officer' as the User Role, and 'Enabled' as the Status. Navigation buttons for the table are visible at the top of the table area.

- 3 If your search results are more than one page long, use the navigation buttons at the top of the user list to scan through the remaining search results.



Maintaining Users in DEV

This section describes how to add, change, and/or delete user records in DEV. For specific instructions, see:

- Adding a User, below
- Changing a User, page 447
- Deleting a User, page 451.

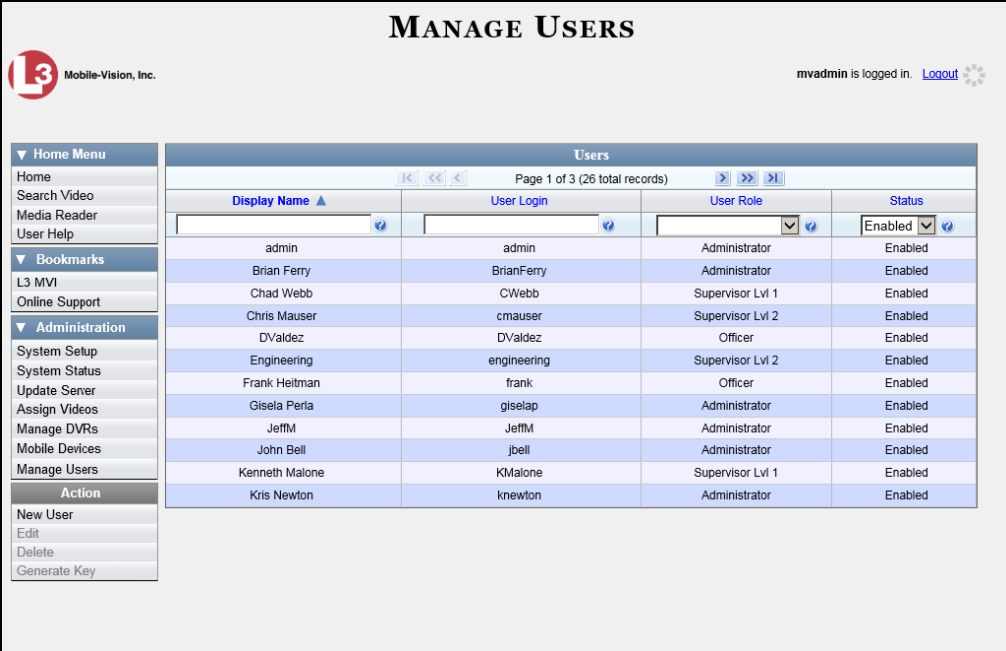
Adding a User

This section describes how to enter a new user record in DEV. Before you add users for the first time, it's important to define your user roles. For more information, see "Assigning Permissions" in chapter 7.



NOTE: If the new user will be uploading VIEVU videos, they must be a non-Admin user (such as *Supervisor Lvl 1* or *Supervisor Lvl 2*) whose *DVR Officer Name* field is populated and who is assigned the *Media Reader* permission.

- 1 Go to **Administration** and click **Manage Users**. The Manage Users page displays.



MANAGE USERS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

Home Menu
Home
Search Video
Media Reader
User Help

Bookmarks
L3 MVI
Online Support

Administration
System Setup
System Status
Update Sener
Assign Videos
Manage DVRs
Mobile Devices
Manage Users

Action
New User
Edit
Delete
Generate Key

Display Name	User Login	User Role	Status
admin	admin	Administrator	Enabled
Brian Ferry	BrianFerry	Administrator	Enabled
Chad Webb	CWebb	Supervisor Lvl 1	Enabled
Chris Mauser	cmauser	Supervisor Lvl 2	Enabled
DValdez	DValdez	Officer	Enabled
Engineering	engineering	Supervisor Lvl 2	Enabled
Frank Heltman	frank	Officer	Enabled
Gisela Perla	giselap	Administrator	Enabled
JeffM	JeffM	Administrator	Enabled
John Bell	jbell	Administrator	Enabled
Kenneth Malone	KMalone	Supervisor Lvl 1	Enabled
Kris Newton	knewton	Administrator	Enabled

- 2 Go to the **Action** column and click **Create**. The New User popup displays.

(Continued)

The fields on this form are described below.

New User Form	
Field	Description
Display Name	The name used to represent this user throughout the DEV application. This name will appear on application pages, drop-down lists, reports, etc.
User Name	The user's login ID. This is the text that the user enters in the <i>User Name</i> field to login to the application.
Email Address	The user's email address.
User Password	The user's login password. This is the text that the user enters in the <i>Password</i> field to login to the application. For security reasons, this value does not display on screen as you type it. Note: After a new user logs into the application for the first time, he should change his user password, as described in "Changing Your Password" in chapter 1.
Repeat User Password	Same as <i>User Password</i> above. The system requires that you type the password a second time to verify your entry.
Status	The current status of this user: <ul style="list-style-type: none"> ▪ Enabled. The user is allowed to login to the application. ▪ Disabled. The user is <i>not</i> allowed to login to the application.

The name you enter here should match the Officer Name entered on the Flashback2's 'Misc. Setup' menu or the Flashback3/Flashback HD's 'User' menu

New User Form (cont'd)	
Field	Description
User Role	The name of the permissions group that is assigned to this user. This designation determines what system features the user will or will not be able to access. For more on user roles, see chapter 7, <i>Security</i> .
DVR Officer Name <i>This field can only be configured on user accounts with the 'Can Own Video' permission</i>	The officer name associated with the DVR device. If this user logs into a <i>Flashback</i> DVR using a USB login key, the system will automatically populate the <i>Flashback's Officer Name</i> field with the DVR Officer Name value. This ensures that all videos recorded during that officer's shift will be linked to the correct officer. If an officer uses the same patrol car every day, the <i>Flashback's Officer Name</i> field will typically be entered manually in the user's record. In this circumstance, it's important that the DVR Officer Name in DEV match the Officer Name in <i>Flashback*</i> . If these names match <i>exactly</i> , the system will automatically link the videos recorded on that DVR with the correct officer. If the names do <i>not</i> match exactly, the system will assign a default DVR Officer Name of *1 [No Name]@[time at which default officer name was created] to any videos that are recorded on that device. If the new user will be uploading VIEVU videos, this field must be populated.
Video Visibility	A flag that determines which users will be able to access this user's videos: Public. The videos owned by this user will be viewable by all DEV users. Private. The videos owned by this user will be viewable by the user and other users who have the <i>Edit Private Data</i> permission. <i>This field can only be accessed by users with the 'Can Own Video' permission.</i>




- 3 Enter an officer display name in the *Display Name* field. This is the name that will display throughout the application.
- 4 Enter the user's login ID in the *User Name* field.
- 5 Enter the user's email address in the *Email Address* field.

* For instructions on how to obtain this name, see "Obtaining the Officer Name from a Flashback DVR" in the box on page 326.




- 6 Enter the user's initial login password in the *Password* field. This is password that the user will use to login to the application for the first time.
- 7 Re-enter the user's initial login password in the *Repeat User Password* field.
- 8 If you want this user to be able to login to the application immediately (default), proceed to the next step.
– OR –
If you do *not* want this user to be able to login to the application immediately, select **Disabled** from the *Status* drop-down list. If you do so, remember that you must enable the account before the user will be allowed to login.
- 9 Select a user role from the *User Role* drop-down list.
⇒ If the user role you selected includes the *Can Own Video* permission, the *DVR Officer Name* and *Video Visibility* fields will become accessible. Proceed to the next step.
⇒ If the user role you selected does *not* include the *Can Own Video* permission, the *DVR Officer Name* and *Video Visibility* fields will remain grayed-out. Skip to step 13.
- 10 If this user will be using a USB login key to login to a Flashback DVR each shift, enter a DVR officer name in the *DVR Officer Name* field. Skip to step 12.
– OR –
If this user will *not* be using a USB login key to login to a Flashback DVR each shift, go to the actual Flashback unit and jot down the display name located in the Flashback's *Officer Name* field (see box below). Proceed to the next step.
– OR –
If this user will *only* be using a Body Worn camera rather than a Flashback, skip to step 12.

Obtaining the Officer Name from a Flashback DVR

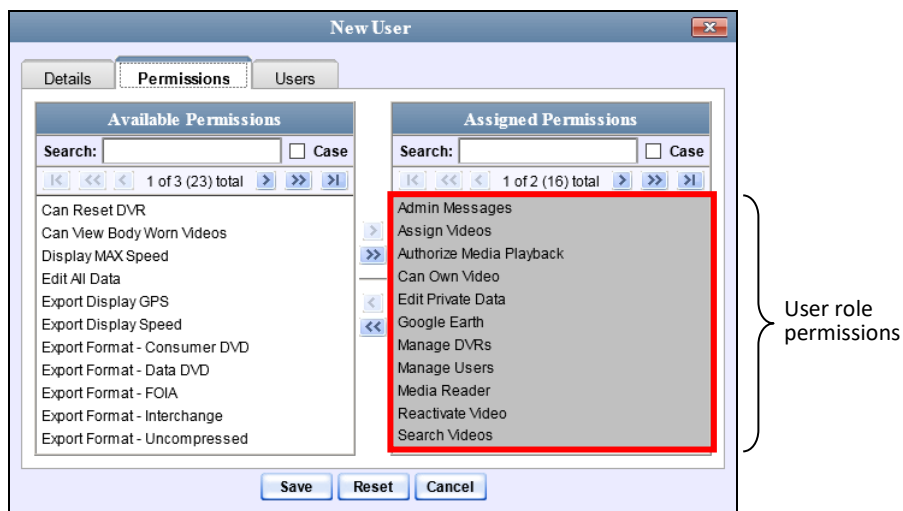
Flashback2:

- 1 Unlock the Flashback
- 2 Press the  button
- 3 Press the  button until **Misc. Setup** is highlighted
- 4 Press the  button
- 5 Jot down the value displayed in the *Officer Name* field

Flashback3 or FlashbackHD:

- 1 Unlock the Flashback
- 2 Press the  button
- 3 Press the  button until **User** is highlighted
- 4 Press the  button
- 5 Jot down the value displayed in the *Officer Name* field


- 11 Enter the Flashback Officer Name in the *DVR Officer Name* field. *Required field.*
- 12 If you want this user's videos to be *private* (i.e., only viewable by the user himself and users with the *Edit Private Data* permission), proceed to the next step.
– OR –
If you want this user's videos to be *public* (i.e., viewable by all DEV users), select **Public** from the *Visibility* drop-down list.
- 13 Click the **Permissions** tab. A list of grayed-out permissions displays in the right column. These are the permissions associated with the user's assigned *user role* (i.e., the role you just selected from the *User Role* drop-down list). You cannot remove any of these permissions. However, you *can* assign additional permissions to the user.



- 14 Review the current list of permissions for the new user (highlighted in gray).
If you wish to assign *additional* permissions to this user, proceed to the next step.
– OR –
If you do *not* wish to assign additional permissions to this user (i.e., the permissions displayed in the right column are sufficient), skip to step 17.
- 15 Go to the left column (Available Permissions) and click on the new permissions you wish to assign. If you don't see a permission you're looking for, use the *Search* field and/or navigation arrows at the top of the column to scan the list.



NOTE: If this user will be uploading VIEVU videos, they must have the *Media Reader* permission.

- 16 Once you've highlighted the desired permissions, click the  icon located between the two columns. The selected permissions display in the right column (Assigned Permissions).

17 If the **Users** tab displays, proceed to the next step.

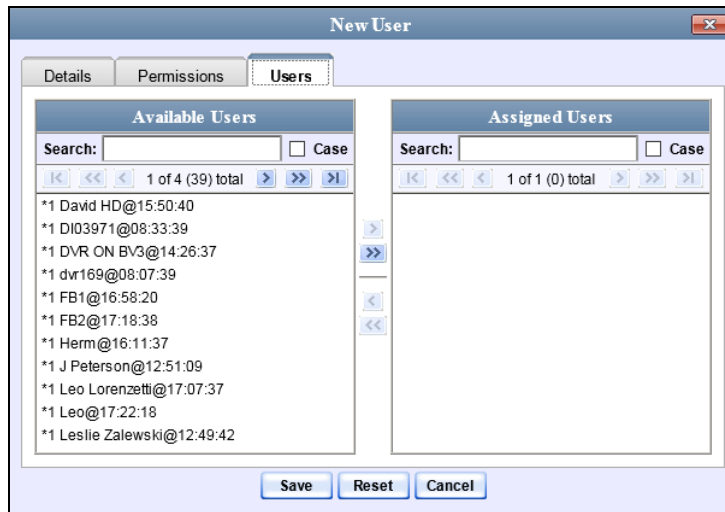
– OR –

If the **Users** tab does *not* display, skip to step 21.


18 If you want this user to have access to other officers' videos (typically the officers that they supervise), click on the **Users** tab.

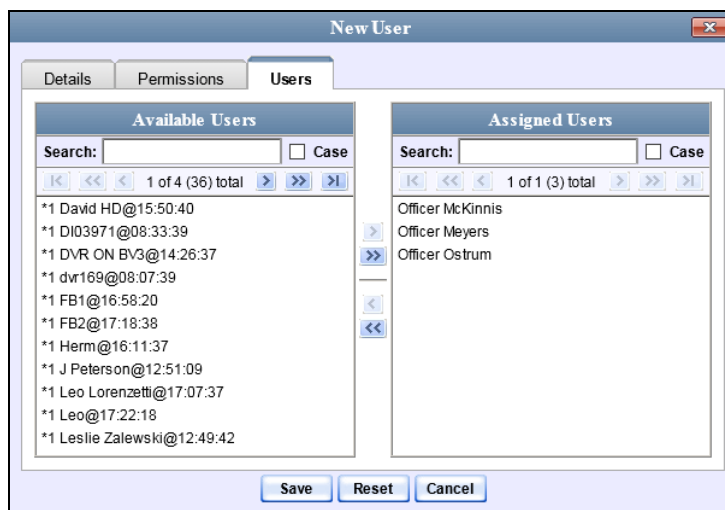
– OR –

If you do *not* want this user to have access to other officers' videos, skip to step 21.



19 Go to the left column (Available Officers) and click on the appropriate users. If you don't see a user you're looking for, use the *Search* field and/or navigation arrows at the top of the column to scan the list.

20 Once you've highlighted the desired users, click the  icon located between the two columns. The selected users display in the right column (Assigned Officers).



- Click **Save**. The system analyzes your selections to make sure that they are logical. If there are any problems, the system will prompt you to make another selection. For example, if you selected **Export Format-Consumer DVD** but neglected to select **Export to Disc** as well, the system will prompt you to add the latter permission, as you can't burn a Consumer DVD unless you have disc-burning permission.


Once you've saved the user record without any errors, a confirmation message displays.

User **Officer Jones** successfully saved.

Changing a User

This section describes how to change an existing user record in DEV.

- Go to ▼ Administration and click **Manage Users**. The Manage Users page displays.



MANAGE USERS

mvadmin is logged in. [Logout](#)

- ▼ Home Menu
- Home
- Search Video
- Media Reader
- User Help
- ▼ Bookmarks
- L3 MVI
- Online Support
- ▼ Administration
- System Setup
- System Status
- Update Sener
- Assign Videos
- Manage DVRs
- Mobile Devices
- Manage Users
- ▼ Action
- New User
- Edit
- Delete
- Generate Key

Users			
Display Name ▲	User Login	User Role	Status
admin	admin	Administrator	Enabled
Brian Ferry	BrianFerry	Administrator	Enabled
Chad Webb	CWebb	Supervisor Lvl 1	Enabled
Chris Mauser	cmauser	Supervisor Lvl 2	Enabled
DValdez	DValdez	Officer	Enabled
Engineering	engineering	Supervisor Lvl 2	Enabled
Frank Heltman	frank	Officer	Enabled
Gisela Perla	giselap	Administrator	Enabled
JeffM	JeffM	Administrator	Enabled
John Bell	jbelle	Administrator	Enabled
Kenneth Malone	KMalone	Supervisor Lvl 1	Enabled
Kris Newton	knewton	Administrator	Enabled

- If the user record you wish to update displays in the *Display Name* column, skip to step 4.

– OR –

If the user record you wish to update does *not* display in the *Display Name* column, proceed to the next step.

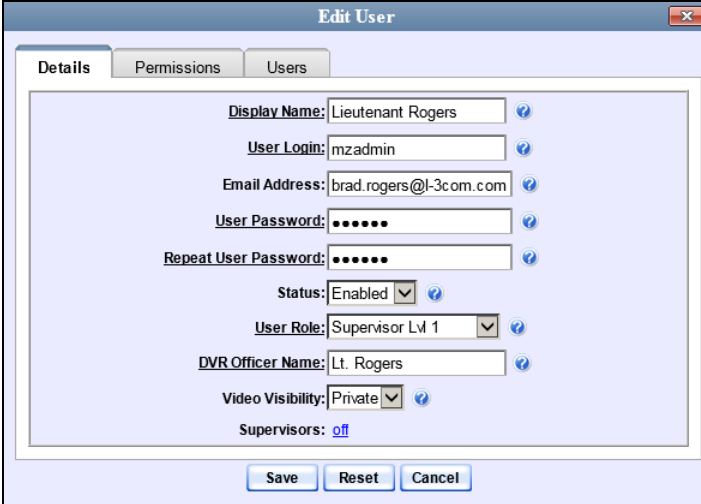
(Continued)

- 3 Use the navigation arrows at the top of the form to scroll through the user list.
– OR –

Enter/select search criteria in the search field(s) provided. For a description of these search fields, see “Searching for a User” on page 439.

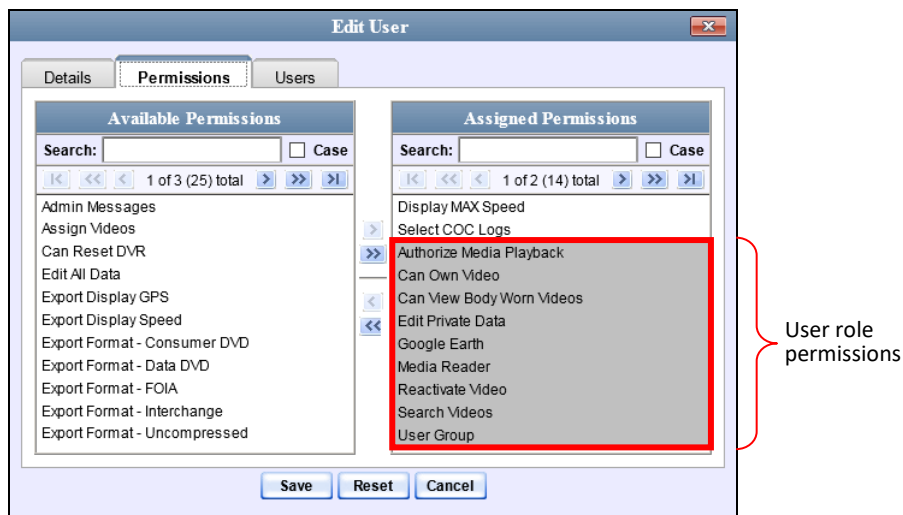
- 4 Once the desired record appears in the *Display Name* column, right-click on that record, then select **Edit** from the popup menu.

The Edit User form displays. The fields on this form are described in the table on page 442.



The fields on this form are described in the table on page 442.

- 5 Enter/select your desired changes in the appropriate fields.
- 6 If you would like to assign additional permissions to this user, proceed to the next step. Otherwise skip to step 10.
- 7 Click the **Permissions** tab. A list of permissions displays.




Please note that you cannot remove any of the permissions highlighted in gray. These are the permissions associated with the user's assigned *user role*.

- 8 Go to the left column (Available Permissions) and click on the new permissions you wish to assign. If a permission you're looking for does not appear onscreen, use the *Search* field and/or navigation arrows at the top of the column to scan the list.



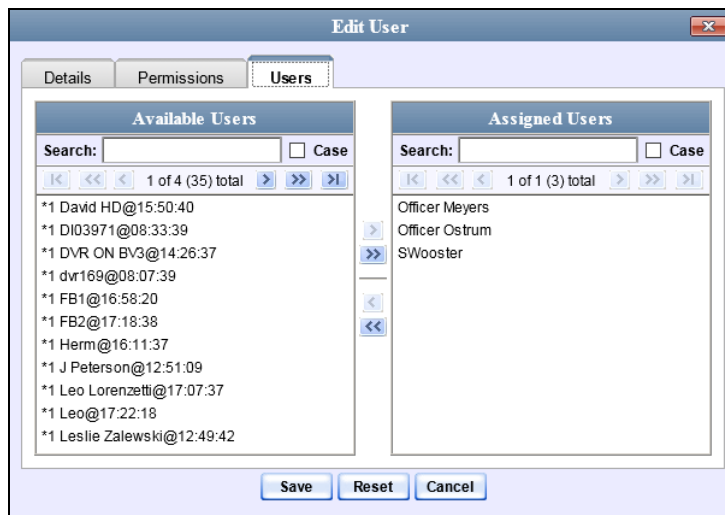
NOTE: If this user will be uploading VIEVU videos, they must have the *Media Reader* permission.



- 9 Once you've highlighted the desired permissions, click the  icon located between the two columns. The selected permissions display in the right column (Assigned Permissions).
- 10 If the **Users** tab displays, proceed to the next step.

– OR –

If the **Users** tab does *not* display, skip to step 18.

(Continued)



- 11 If you wish to assign or un-assign officers* to this user, click on the **Users** tab. Otherwise skip to step 18.
- 12 To assign an officer to this user, proceed to the next step. Otherwise skip to step 15.
- 13 Go to the left column (Available Officers) and click on the appropriate users. If you don't see a user you're looking for, use the *Search* field and/or navigation arrows at the top of the column to scan the list.
- 14 Once you've highlighted the desired users, click the  icon located between the two columns. The selected users display in the right column (Assigned Officers).
- 15 To un-assign one or more officers from this user, proceed to the next step. Otherwise skip to step 18.
- 16 Go to the right column (Assigned Officers) and click on the appropriate users. If you don't see a user you're looking for, use the *Search* field and/or navigation arrows at the top of the column to scan the list.
- 17 Once you've highlighted the desired users, click the  icon located between the two columns. The selected users display in the left column (Available Officers).
- 18 Click **Save**. The system analyzes your selections to make sure that they are logical. If there are any problems, the system will prompt you to make another selection. For example, if you selected **Export Format-Consumer DVD** but neglected to select **Export to Disc** as well, the system will prompt you to add the latter permission, as you can't burn a Consumer DVD unless you have disc-burning permission.

* When an officer is assigned to you, it means that you have access to that officer's videos.

Once you've saved the user record without any errors, a confirmation message displays.

User Officer Jones successfully saved.


Deleting a User

This section describes how to delete an existing user record in DEV.



NOTE: If a user owns video or has any activity logs, they cannot be deleted.

- 1 Go to **Administration** and click **Manage Users**. The Manage Users page displays.


mvadmin is logged in. [Logout](#)

- Home Menu
- Home
- Search Video
- Media Reader
- User Help
- Bookmarks
- L3 MVI
- Online Support
- Administration
- System Setup
- System Status
- Update Server
- Assign Videos
- Manage DVRs
- Mobile Devices
- Manage Users
- Action
- New User
- Edit
- Delete
- Generate Key

MANAGE USERS

Users
Page 1 of 3 (26 total records)

Display Name ▲	User Login	User Role	Status
admin	admin	Administrator	Enabled
Brian Ferry	BrianFerry	Administrator	Enabled
Chad Webb	CWebb	Supervisor Lvl 1	Enabled
Chris Mauser	cmauser	Supervisor Lvl 2	Enabled
DValdez	DValdez	Officer	Enabled
Engineering	engineering	Supervisor Lvl 2	Enabled
Frank Heltman	frank	Officer	Enabled
Gisela Perla	giselap	Administrator	Enabled
JeffM	JeffM	Administrator	Enabled
John Bell	jbelle	Administrator	Enabled
Kenneth Malone	KMalone	Supervisor Lvl 1	Enabled
Kris Newton	knewton	Administrator	Enabled

- 2 If the user record you wish to delete displays in the *Display Name* column, skip to step 4.

– OR –

If the user record you wish to delete does *not* display in the *Display Name* column, proceed to the next step.

- 3 Use the navigation arrows at the top of the form to scroll through the user list.

– OR –

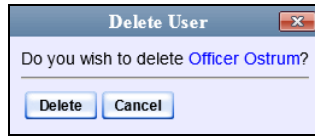
Enter/select search criteria in the search field(s) provided. For a description of these search fields, see the table on page 442.

(Continued)

DEV Administrator's Guide
Safe Fleet Mobile-Vision • 7.30.2019

Page | 451

- Once the desired record displays in the *Display Name* column, right-click on that record, then select **Delete** from the popup menu. A confirmation message displays.

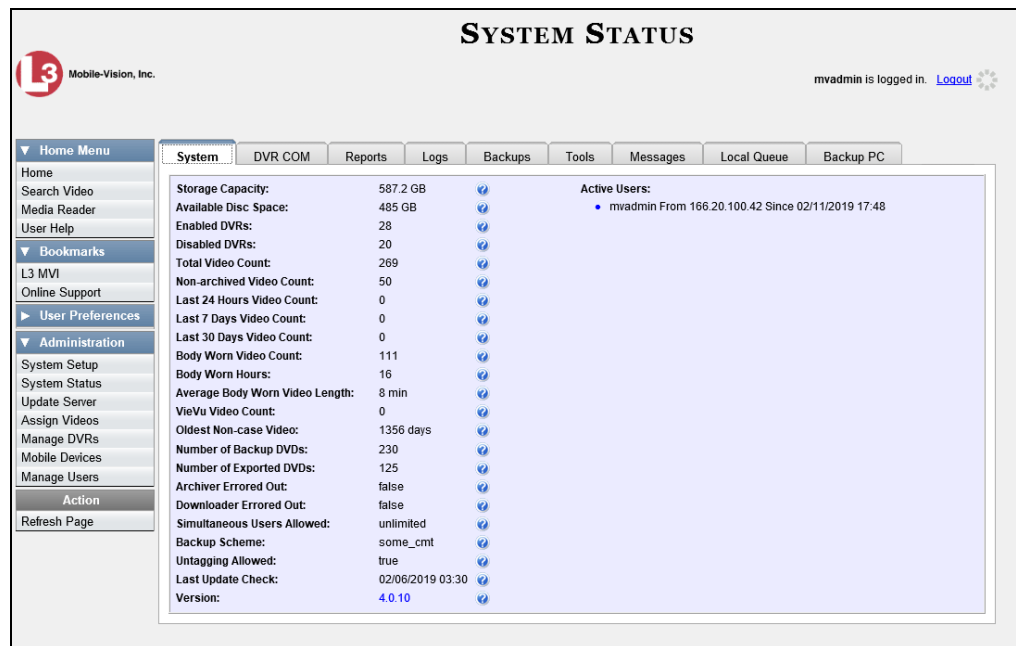


- Click **Yes**. The selected user record is removed from the system.

Exporting User Activity to a Spreadsheet

This section describes how to export all your user activity to a spreadsheet for use with another application, such as a custom reporting tool. This is referred to as the *User Activity* report. It includes information such as which users logged in/out of the system, played video, edited a case, etc. The system automatically updates this report once every day.

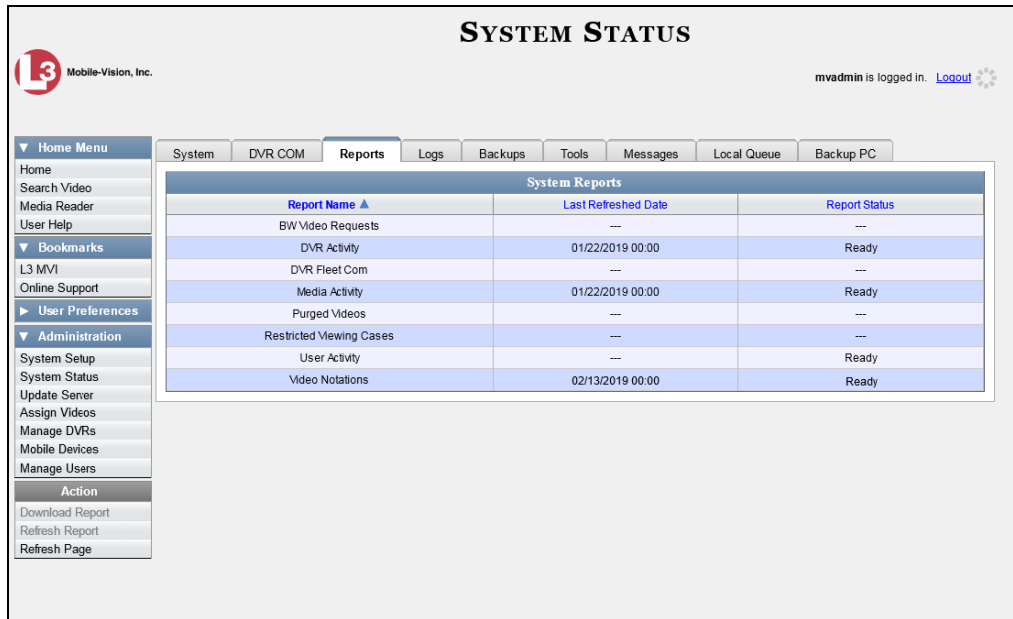
- Go to **Administration** and click **System Status**. The System Status page displays.

A screenshot of the "SYSTEM STATUS" page in the Mobile-Vision interface. The page title is "SYSTEM STATUS" and the user "mvadmin" is logged in. The interface includes a navigation menu on the left with "Administration" selected, and a main content area with tabs for "System", "DVR COM", "Reports", "Logs", "Backups", "Tools", "Messages", "Local Queue", and "Backup PC". The "System" tab is active, displaying various system metrics and their status (indicated by blue checkmarks).

Metric	Value	Status
Storage Capacity:	587.2 GB	✓
Available Disc Space:	485 GB	✓
Enabled DVRs:	28	✓
Disabled DVRs:	20	✓
Total Video Count:	269	✓
Non-archived Video Count:	50	✓
Last 24 Hours Video Count:	0	✓
Last 7 Days Video Count:	0	✓
Last 30 Days Video Count:	0	✓
Body Worn Video Count:	111	✓
Body Worn Hours:	16	✓
Average Body Worn Video Length:	8 min	✓
VieVu Video Count:	0	✓
Oldest Non-case Video:	1356 days	✓
Number of Backup DVDs:	230	✓
Number of Exported DVDs:	125	✓
Archiver Errored Out:	false	✓
Downloader Errored Out:	false	✓
Simultaneous Users Allowed:	unlimited	✓
Backup Scheme:	some_cmt	✓
Untagging Allowed:	true	✓
Last Update Check:	02/06/2019 03:30	✓
Version:	4.0.10	✓

Active Users:
• mvadmin From 166.20.100.42 Since 02/11/2019 17:48

- Click the **Reports** tab.



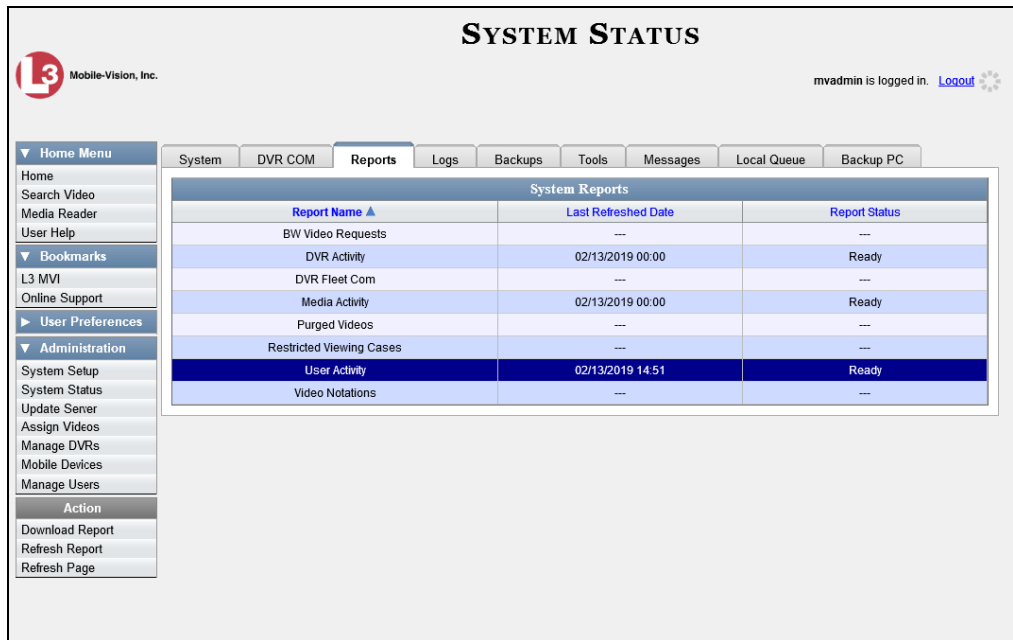
SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Reports		
Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	---	---
DVR Activity	01/22/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	01/22/2019 00:00	Ready
Purged Videos	---	---
Restricted Viewing Cases	---	---
User Activity	---	Ready
Video Notations	02/13/2019 00:00	Ready

3 Click on the **User Activity** report to highlight it.



SYSTEM STATUS

Mobile-Vision, Inc. mvadmin is logged in. [Logout](#)

System | DVR COM | **Reports** | Logs | Backups | Tools | Messages | Local Queue | Backup PC

System Reports		
Report Name ▲	Last Refreshed Date	Report Status
BW Video Requests	---	---
DVR Activity	02/13/2019 00:00	Ready
DVR Fleet Com	---	---
Media Activity	02/13/2019 00:00	Ready
Purged Videos	---	---
Restricted Viewing Cases	---	---
User Activity	02/13/2019 14:51	Ready
Video Notations	---	---

Note the date in the *Last Refreshed Date* column. The User Activity report you are about to download will contain all system user activity up to this date/time. If you prefer to report on all user activity up to the *current* time, go to the **Action** column and click **Refresh Report** first before proceeding.

(Continued)

- 4 Go to the **Action** column and click **Download Report**. A download message displays.



- 5 Click **Open**. The report displays in your default spreadsheet application.

G Glossary

Access Point

A device used to transmit videos from an in-car DVR to the [server PC](#). The access point is connected to a wireless network antenna mounted on the outside of the building that houses your server PC.

Some precincts have more than one access point to accommodate multiple vehicles that park in different areas outside the building. See also [Transmission](#).



NOTE: Some smaller agencies do not use Access Points, as they download all their videos manually.

Automatic Archive

A backup process that is triggered by the system based on predefined rules that you set in the application. When a video's category is set to *Backup Enabled* and that video has been [online](#) for at least five minutes, the system will automatically back that video up during the next archive session*. Once there are enough files to fill up an archive disc, the [robotic DVD burner](#) will burn a [Certified Backup Disc](#). Automatic archives do not require any action on your part.

Backup PC

A computer used to process DVD [burn requests](#). Because the process of burning DVDs is resource-intensive, one PC is dedicated to this task. If you are using a *Bravo robotic DVD burner*, the Backup PC is a separate computer workstation connected to the disc burner. If you are using a *Rimage DVD/Blu-Ray burner* that combines a disc burner with a computer, the Backup PC refers to the computer component of the Rimage.

Bookmark

An agency-defined link to a website. These links display in the *Bookmarks* column on the Main Menu. The default link will take you to the Mobile-Vision Online Support Center.

BodyVISION

A small, wearable digital video recorder sold by Mobile-Vision. This device allows you to capture both high definition videos and JPG “snapshot” images, then upload them to your DEV [server PC](#) via a *BodyVISION* docking station. Videos recorded using this device are assigned the category of **Body Worn**.

* Assuming your backup function is activated.

Body Worn Tracking Function

A system feature that, when activated, restricts the viewing of [BodyVISION](#) and [BWX-100](#) videos to users who have the *Authorize Media Playback* and/or *Can View Body Worn Videos* permission. All other users who are interested in viewing a Body Worn video are required to submit a [viewing request](#) to their supervisor, which includes a “need to know” reason, referred to as a [viewing request reason](#).

BWX-100

A small, wearable digital video recorder sold by Mobile-Vision. This device allows you to capture both full high definition videos and JPG “snapshot” images, then upload them to the server via a BWX-100 docking station. Videos recorded using this device are assigned the category of **Body Worn**.

Burn Request

A request to generate a [user-requested certified copy](#), also referred to as an *export disc*. When you submit a burn request and *you have burning privileges*, the system will place your burn job in the [Backup PC's](#) burn queue. When you submit a burn request and *you don't have burning privileges*, the system will place your burn request in the *Inbox Messages* list of all [DEV](#) users who have burning privileges. If one of those users approves your request, that will send your burn job to the Backup PC's burn queue.

Certified Backup Disc (CBD)

An archive DVD used to restore videos to the [server PC](#). Also referred to as a “CBD.” The system automatically sends CBD [burn requests](#) to the [Backup PC](#) without any action on your part. The number and type of files burned to CBD is determined by your system settings. Factors such as a file's age, type, category, etc., all help determine what data the system will back up. You define these backup parameters through [DEV](#). If a video file is supposed to be backed up, the system will add it to an archive job shortly after the video transmits to the server PC (see also [transmission](#)). Once there are enough files to fill up an archive disc, the system automatically generates a CBD.

All CBDs are printed with an identification number that makes it easy for you to restore the files at a later date, should the need arise (permissions required).

CF Card

The storage card that saves your Flashback2 videos until they can be transmitted to your agency's [server PC](#).

Chain of Custody Report

A log of all operations that have been performed on a particular video or Body Worn snapshot (e.g., *System Media Uploaded from Unit*). This report shows the date and time at

which each activity occurred, as well as the user name of the officer who performed the action, if applicable.

Consumer DVD

A disc format that you can play on any standard consumer DVD player. This format is useful if, for example, you need to play a video in court on a large screen TV for a jury to see. This format requires the Consumer DVD module.

Data DVD

A disc format that you can play on any PC DVD player using the [Flashback Player](#). When you burn videos in Data DVD format, the disc will include selected videos; general information about the videos; the [Chain of Custody Report](#); and a copy of the Flashback Player.

DEV

An acronym for *Digital Evidence Viewer*, the software component of Mobile-Vision's [Digital Evidence Collection System](#).

Digital Evidence Collection System

An Mobile-Vision product that is used by law enforcement personnel to collect digital evidence. It includes some or all of the following hardware and software components:

- [Flashback DVRs](#)
- [BodyVISION Body Worn DVRs](#)
- [BWX-100 Body Worn DVRs](#)
- [Access point](#)
- [Server PC](#)
- [DEV software](#)
- [Backup PC](#)
- [Robotic DVD burner](#)

Discovered DVR

A DVR that has been in communication with the [server PC](#) at least once.

Download Request

A request to download, or [export](#), a selected video file to your PC. This type of request is sent from *you* to the *system*. Once the system processes your request, a confirmation message and download icon will appear on your *Inbox Messages* list.

DVR

See [Flashback](#), [BodyVISION](#), [BWX-100](#), or [VIEVU](#).

DVR Login Key

A file on a USB drive that contains your user information. You insert this flash drive in your Flashback DVR's USB port at the beginning of each shift, then log in. This identifies you as the owner of all videos recorded on that DVR while you are logged in.

Export

The system process used to copy video files and/or Body Worn [snapshots](#) for the purpose of either burning them to DVD *or* downloading them to your PC. You must have the proper permissions to export videos.

FOIA Redacted Format

An export format that allows you to [redact](#) a video prior to downloading it to your PC or external storage device. The exported video will have an extension of MP4, allowing you to play it using any MP4 player. You can also burn exported video to DVD using your PC's DVD burner.

Flashback DVR

A digital video recorder that is installed inside a vehicle. This recorder collects video evidence and stores it temporarily on an [SD card](#) or [CF card](#) until the video can be transmitted to the [server PC](#). For more information on the Flashback, refer to your Flashback User's Guide.

Flashback Player

A software application used to play video files. When you select an [online](#) video from within [DEV](#), the Flashback Player launches automatically. When you burn a [user requested certified copy](#) of a video in [Data DVD](#) format, that disc will include a copy of the Flashback Player.

Ingest Date

The date and time at which a video file was transmitted to the [server PC](#) from the DVR unit.

Interchange Format

A disc format that allows you to import videos into various third-party applications, such as video editing software. If your agency has any [VIEVU](#) Body Worn cameras, your Interchange videos will have an extension of **AVI**. If your agency has any [BodyVISION](#) or [BWX-100](#) Body Worn DVRs, your Interchange videos will have an extension of **MKV**. All other Interchange videos will have an extension of **MP4**.

LEC Mobile

A Mobile-Vision app used to view [BWX-100](#) videos from a smart phone or tablet in the field.

Manual Backup Disc

See [User Requested Certified Copy](#).

Manual Export

The system process used to download video files to your PC. You must have the proper permissions to perform a manual export.

Online

A status for a video file which indicates that all of the file's information is currently available for viewing on the [server PC](#).

Offline

A status for a video which indicates that some, but not all, of that record's data or functions are available on the [server PC](#). If a video is offline, you will be able to view that video's thumbnail image and statistics (category, duration, [record reason](#), etc.), but not the video itself. Also, you cannot [export](#) an offline video.

You can, in some cases, [reactivate](#) an offline video.

Private File

A video or *BodyVISION* [snapshot](#) that can only be viewed by its owner or a user who has the *Edit Private Data* permission.

Public File

A video or *BodyVISION* [snapshot](#) that can be viewed by all [DEV](#) users.

Reactivation

The process used to restore a video file that the system took [offline](#) after it reached a predefined age that you set in the application. There is a limited time period in which you can [reactivate](#) an archived video. This time period depends on a setting that you enter on the *Online Life-Cycle* tab.

Reactivation Request

A request to restore an [offline](#) video from a [Certified Backup Disc](#) to the [server PC](#). When you submit a reactivation request, it will display on the *Inbox Messages* list of all users who have *reactivation* privileges.

Record Reason

The event or “trigger” that caused a DVR to start recording. Common record reasons include pressing the **R** button, turning the emergency lights on, activating the siren, or reaching a particular speed, such as 90 miles per hour.

Redaction

The process of editing a video prior to downloading it to your PC. In DES, the redaction feature gives you the ability to:

- Export a portion of a video rather than the entire full-length video
- Blur a video’s picture
- Remove a video’s audio track(s).

Robotic DVD Burner

A disc duplicator that burns and labels your [Certified Backup Discs](#) and [User Requested Certified Copies](#). Mobile-Vision sells two types of burners: the *Bravo*, a stand-alone unit, and the *Rimage*, a combination disc burner/computer. If you have a Rimage, you do not need a separate [Backup PC](#). Rimage units can burn CDs, DVDs, and Blu-Ray discs. Most Bravo units can burn CDs and DVDs. The higher-end Bravos can burn Blu-Ray discs as well.

SD Card

The temporary storage device that stores Flashback3 and/or FlashbackHD videos until they can be transmitted to the agency [server PC](#).

Server PC

The Windows PC that hosts the [DEV](#) application and stores all of your video data.

Snapshot

A still image captured with a [BodyVISION](#) or [BWX-100](#) Body Worn camera. These images are uploaded to the [server PC](#) along with the device’s videos.

Tagging

A procedure used to add extra days to the [online](#) life of a video. By tagging a video, you extend that video’s online life by a certain number of days. The exact number of days is defined by a setting on the *Online Life-Cycle* tab.


Transmission

The process of transferring Flashback video files from your in-car DVR to the [server PC](#) via an [access point](#). This transmission can occur either *automatically* (typical) or *manually*.

- ❑ *Automatic transmission.* Whenever a vehicle comes within approximately 300 feet of an access point, it triggers an automatic transmission. During this transmission, all videos that are currently stored on the Flashback DVR will wirelessly transfer to the server PC via the access point.
- ❑ *Manual transmission.* [Flashback DVRs](#) hold a temporary storage device called a [CF card](#) or [SD Card](#). This card is used to temporarily store your videos until they can be transferred to the server PC. If necessary, you can use this card to *manually* transfer videos to your server PC, assuming you have the proper permissions. For more information, see “Manually Uploading New Videos” in chapter 2.

Tracepoint



A placemaker that an officer can add to a video while it's recording. If you are using a Flashback, this is accomplished by pressing the  button on the Flashback menu or the **T** button on the DVR (pictured opposite). If you are using a [BodyVISION](#), this is accomplished by pressing the Snapshot/Tracepoint button on the top of the unit (configuration required). If you are using a [BWX-100](#), this is accomplished by pressing the Snap/Trace button on the side of the unit (configuration required). By marking a video with a tracepoint, it allows you to quickly advance to an important segment in that video during playback.

Trigger

See [Record Reason](#).

Uncompressed DVD

A [Data DVD](#) disc that includes a link to two raw video files: an **MP4** file and a **DV** (digital video) file. You can import MP4 and DV files into third party software, such as video editing or redaction software. Uncompressed DVDs are available for Flashback videos only.

Undiscovered DVR

A DVR that has not been in communication with the [server PC](#) yet (i.e., a DVR for which you just created or uploaded a record).

User Metadata (UMD)

Custom data fields that an officer can link to a video. You define these tabs on the *UMD Types* tab. Their purpose is to allow officers to annotate their videos with custom data, such as a subject description. If you have a mobile data computer with the UMD Editor installed on it, you have the option of attaching UMD to a video in the vehicle immediately after it is finished recording. Otherwise, you can attach UMD back at the precinct when you connect to the [server PC](#). For more information, see “Adding Predefined User Metadata to a Video” in chapter 2.

User Requested Certified Copy

A DVD that you can, with the proper permissions, create yourself using either the [robotic DVD burner](#) or your PC's DVD burner. Also referred to as an *export disc*. This type of DVD is, as its name implies, requested by the user. You create these discs on an "as-needed" basis for evidential and/or backup purposes. For more on the different types of DVDs and how they are created, see chapter 3.

User Role

A group of permissions that determines what system functions a user will have access to. Whenever you login to [DEV](#), the system will grant you access to various system functions according to the user role that is assigned to your User ID. As System Administrator, you are responsible for assigning permissions to each user role.

Video Notation

A custom checkbox used to notate video records and [snapshots](#). These checkboxes are defined by your agency.

VIEVU

A small DVR that is worn on an officer's body. Videos recorded using this device are assigned the category of **VieVu**.

Viewing Request

A request to view a [BodyVISION](#) or [BWV-100](#) Body Worn video. Users who lack the *Can View Body Worn Videos* permission are required to submit viewing requests to their supervisor, who will then review each request and either approve or deny it.

Viewing Request Reason

The reason why a user wants or needs to view a particular [BodyVISION](#) or [BWV-100](#) video. When a user submits a Body Worn [viewing request](#) to their supervisor, they are required to select a reason for that request from a drop-down list. These reasons are defined by your agency.

A Appendices

Appendix A: Ports & Protocols

MDC to DVR

Vehicle Viewer:

- TCP port 9003
- TCP port 9004

UMD Editor (Notes):

- Need write permission to C:\Program Files\MobileVision\FB2UMD\
- TCP port 80 (HTTP)

DVR to Server Downloading

UDP 54771 (if using UDP)

Server to DVR:

- TCP port 80 (HTTP)
- ICMP Echo-Reply (if using discover by ping)

Agency Server to Precinct Server

- TCP Port 80 (HTTP)
- TCP port 22 (FTP Passive Mode)

Servers to Backup Workstation

- TCP port 21 (FTP Passive Mode)
- TCP port 9000 (HTTP)

Workstations to Servers

- TCP port 80 (if using HTTP Playback)
- TCP port 21 (if using FTP Playback)
- TCP port 139 (if using SMB playback)
- TCP port 445 (if using SMB playback)

Appendix B: End-User License Agreement

IMPORTANT-READ CAREFULLY: This License AGREEMENT (the "AGREEMENT") is a legal AGREEMENT between you (either an individual or single entity, including, but not limited to a Corporation, LLC, LLP, Partnership, Sole Proprietorship) ("LICENSEE") and Mobile-Vision, Inc. ("LICENSOR").

By accepting delivery of the Mobile-Vision software you are agreeing to become bound by the terms of this agreement, which includes the software license, maintenance terms and software disclaimer of warranty. If licensee does not agree to these terms and conditions, do not accept delivery, copy, or use the software. This limited warranty does not cover any other system components sold or installed by Mobile-Vision, Inc. Please refer to applicable warranty documents for coverage details on related Mobile-Vision products.

Software License

The SOFTWARE is protected by copyright laws and international copyright treaties, as well as other intellectual property and trade-secret laws and treaties. **The SOFTWARE is being licensed, not sold.**

GRANT OF LICENSE. This License AGREEMENT grants Licensee the following non-exclusive rights:

1. In consideration of payment of the LICENSE fee, LICENSOR grants to you, the LICENSEE, a non-exclusive right to use and display this copy of the software program in object code form only (hereinafter called the SOFTWARE) as per the usage limitations specified by the invoice at a single location. LICENSOR reserves all rights not expressly granted to LICENSEE.
2. As the LICENSEE, you own the magnetic or other physical media, on which the SOFTWARE is originally or subsequently recorded or fixed, but LICENSOR retains title and ownership of the SOFTWARE recorded on the original disk copy or copies, and all subsequent copies of the SOFTWARE, regardless of the form or media in or on which the original or other copies may exist. THIS LICENSE IS NOT A SALE OF THE ORIGINAL SOFTWARE OR ANY COPY OR COPIES OF IT.
3. Certain SOFTWARE licensed by LICENSOR to LICENSEE requires that LICENSEE must purchase one named user of SOFTWARE for each Digital Video Recorder, per physical location. Where named users are not utilized, the total number of licensed Digital Video Recorders cannot exceed the total number of licensed users of SOFTWARE per physical location. Non-compliance of this license restriction is strictly forbidden and shall be considered a material breach of this AGREEMENT and among all other remedies available to LICENSOR, including but not limited to immediate payment to LICENSOR for all license fees due and owing to LICENSOR, shall cause this AGREEMENT to immediately terminate in accordance with the TERMINATION provisions stated in this AGREEMENT.
4. This SOFTWARE and the accompanying written materials are copyrighted. Unauthorized copying of the SOFTWARE, including SOFTWARE that has been modified, merged, or included with other software, or of the written materials, is expressly forbidden. You may be held legally responsible for any copyright infringement that is caused or encouraged by your failure to abide by the terms of this license. Subject to these restrictions, and if the SOFTWARE is not copy-protected, you may make one (1) copy of the SOFTWARE, solely for backup purposes. You must reproduce and include the copyright notice on the backup copy. The SOFTWARE is licensed as a single product. Its component parts may not be separated for use on more than one computer.
5. As the LICENSEE, you may not physically transfer the SOFTWARE from one computer to another. The SOFTWARE is licensed for one computer only. You may not electronically transfer the SOFTWARE from one computer to another over an internal or external network of any kind. You may not distribute copies of the SOFTWARE or accompanying written materials to others or modify, adapt, translate, reverse engineer, decompile, disassemble or create derivative works based on the written materials accompanying the SOFTWARE without the prior written consent of LICENSOR.
6. LICENSEE may not use the SOFTWARE for the benefit of a third party, not rent, timeshare or use the SOFTWARE in service bureau processing. LICENSEE may not transfer, export, install or use the SOFTWARE without the prior written permission of LICENSOR.
7. Without prejudice to any other rights, LICENSOR may terminate this License AGREEMENT if LICENSEE fails to comply with the terms and conditions of this License AGREEMENT. In such event, LICENSEE must destroy all copies of the SOFTWARE and all of its component parts.
8. LICENSOR may create, from time to time, updated versions of the SOFTWARE. At its option LICENSOR will make such updates available to LICENSEE only if LICENSEE is covered under Annual Maintenance by paying the Annual Maintenance fee. Maintenance is mandatory for the first year and will be automatically invoiced to LICENSEE on an annual basis from the anniversary date of LICENSOR'S first maintenance invoice to LICENSEE. LICENSEE agrees to pay this fee, within the terms stated on the invoice, unless LICENSEE notifies LICENSOR in writing of its intention not to renew at least ninety (90) days in advance of being invoiced, or the anniversary date of the AGREEMENT, or purchase SOFTWARE. Should LICENSEE choose not to renew maintenance in any given year LICENSOR may terminate this License AGREEMENT pursuant to the provisions stated in this License Agreement. See the LICENSOR'S Maintenance Agreement for further details on Annual Maintenance. Should LICENSEE choose not to renew maintenance any given year, and then wishes to renew at a later date, and LICENSOR has elected not to terminate the License Agreement, LICENSEE shall be charged for all back maintenance, which was not renewed, plus the maintenance fee at current rate. In addition, 20% of the total sum of back maintenance and current maintenance fee may be added as a surcharge for an interruption in maintenance. A copy of the terms of the Annual Software Maintenance Agreement is included in this package.

Termination

1. Following termination of this Agreement for any reason, the LICENSEE shall pay LICENSOR all amounts due to LICENSOR within 15 days. Any amounts due LICENSOR which are not paid within this period shall accrue the highest applicable rates allowed by law up to 2%

per month. LICENSEE SHALL BE SOLELY RESPONSIBLE TO REIMBURSE TO LICENSOR ALL FEES, INCLUDING, BUT NOT LIMITED TO, COLLECTION AGENCY, LICENSOR TIME AND EXPENSE, AND REASONABLE ATTORNEY FEES AND EXPENSES INCURRED BY LICENSOR IN THE COLLECTION OF ANY AMOUNTS NOT PAID TO LICENSOR UNDER THIS AGREEMENT.

2. LICENSEE shall immediately discontinue all use of the SOFTWARE and shall remove SOFTWARE and any derivative works and/or computer code from LICENSEE's computer systems. All copies of SOFTWARE must be destroyed, or returned to LICENSOR immediately at LICENSEE's sole expense.
3. All of LICENSOR'S Proprietary Rights and the LICENSEE'S obligations regarding these Rights as detailed in this AGREEMENT shall survive the termination of this AGREEMENT.

Limited Warranty and Limitation of Liability

1. **Limited Warranty.** LICENSOR warrants that the SOFTWARE, when used in accordance with the procedures specified in the appropriate documentation (the "Documentation"), shall perform as specified therein.
2. **Limited Warranty Term.** This limited warranty as described in this Paragraph, shall be valid for any period during which LICENSEE has purchased and is a currently covered under maintenance services from LICENSOR for the SOFTWARE pursuant to terms and restrictions stated in LICENSOR'S maintenance agreement. This warranty shall apply only to the then-current release of the SOFTWARE for use on computer systems then recommended by LICENSOR. This limited warranty covers only the SOFTWARE installed by Mobile-Vision. This warranty does not cover defects or errors pertaining to customer supplied hardware up to and including operating systems and network configurations. This limited warranty does not cover any other components sold or installed by Mobile-Vision.
3. **Modifications Not Warranted.** The limited warranty described in this Paragraph shall be limited in such a way that LICENSOR shall not be liable for any malfunction or error resulting from a modification made by any person or organization other than LICENSOR with or without the prior written explicit approval of LICENSOR. Should LICENSEE employ and/or contract with any person and/or any business entity including but not limited to a third party individual, corporation, LLC, partnership, joint venture, sole proprietorships, not-for-profit organizations and/or former or current employees of LICENSOR, to work on and/or perform any services on, or with the Licensed SOFTWARE, LICENSOR can elect at its sole option to terminate this license AGREEMENT.
4. **Limited Warranty Remedy.** For a claim of breach of this limited warranty by the LICENSEE, LICENSEE'S sole and exclusive remedy, and LICENSOR's sole and exclusive liability, will be for LICENSOR, at LICENSOR's option, to either: (i) provide services to correct any inconsistencies between the SOFTWARE and the Documentation which cause the SOFTWARE to fail to conform to the limited warranty set forth in this Paragraph, which shall include LICENSOR's right to add, modify, or delete portions of the SOFTWARE and/or the Documentation; or (ii) terminate the license, including all rights granted hereunder and refund the license fees, which shall be amortized over a five (5) year period from date of purchase.
5. **Disclaimer of Warranty.** TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, EXCEPT AS OTHERWISE SET FORTH IN THIS AGREEMENT, THE SOFTWARE, DOCUMENTATION AND ANY SERVICES PROVIDED BY LICENSOR ARE PROVIDED "AS IS." THE FOREGOING LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EITHER ORAL OR WRITTEN, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT, EVEN IF LICENSOR OR ANY OF ITS PARENTS, AFFILIATES OR SUBSIDIARIES HAVE BEEN MADE AWARE OF SUCH PURPOSE, AND THE WARRANTY AGAINST INFRINGEMENT OF PATENTS OR OTHER INTELLECTUAL PROPERTY RIGHTS.
6. **Limitation of Liability.** TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL LICENSOR, ITS PARENTS, AFFILIATES AND SUBSIDIARIES OR THEIR DISTRIBUTORS BE LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, OR ANY OTHER PECUNIARY LOSS OR CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES, ARISING OUT OF THE USE OF OR INABILITY TO USE THE SOFTWARE, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOTWITHSTANDING ANY DAMAGES THAT LICENSEE MAY INCUR FOR ANY REASON WHATSOEVER (INCLUDING, WITHOUT LIMITATION, ALL DAMAGES REFERENCED ABOVE AND ALL DIRECT OR GENERAL DAMAGES), THE ENTIRE LIABILITY OF LICENSOR AND ITS PARENTS, AFFILIATES AND SUBSIDIARIES UNDER ANY PROVISION OF THIS AGREEMENT AND LICENSEE'S EXCLUSIVE REMEDY FOR ALL OF THE FOREGOING SHALL BE LIMITED TO AN AMOUNT EQUAL TO THE LICENSE FEES ACTUALLY PAID BY LICENSEE FOR THE SOFTWARE. THE FOREGOING LIMITATIONS, EXCLUSIONS AND DISCLAIMERS SHALL APPLY TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, EVEN IF ANY REMEDY FAILS ITS ESSENTIAL PURPOSE.
7. **Miscellaneous.** This License AGREEMENT is the entire AGREEMENT between LICENSEE and LICENSOR and supersedes any other communications, advertisements or understandings, whether oral or written, with respect to the SOFTWARE. This License AGREEMENT is not assignable by LICENSEE in whole or in part without the prior written permission of LICENSOR; LICENSOR may assign this License AGREEMENT or any obligation thereof. This License AGREEMENT may be amended only in writing, signed by both parties. The construction, interpretation and enforcement of this License AGREEMENT, as well as any and all tort claims arising from this License AGREEMENT or arising from any of the proposals, negotiations, communications or understandings regarding this License AGREEMENT, shall be governed by and construed in accordance with the laws of the State of New Jersey, applicable to contracts made entirely within New Jersey, without regard to the conflict of laws provisions thereto. The sole jurisdiction and venue for any litigation arising out of this License AGREEMENT shall be an appropriate federal or state court located in the State of New Jersey, except that LICENSOR may seek injunctive relief in any venue of its choosing. All remedies available to either party for breach of this License AGREEMENT are cumulative and may be exercised concurrently or separately, and the exercise of any one remedy shall not be deemed an election of such remedy to the exclusion of other remedies. The failure of either party at any time to require performance by the other party of any provision hereof shall not affect the full right to require such performance at any time thereafter, nor shall the waiver by either party of a breach of any provision hereof be taken or held to be a waiver of any succeeding breach of such provision or as a waiver of the provision itself. If any provision or portion thereof of this License AGREEMENT is found by a court of competent jurisdiction to be invalid or unenforceable, the License AGREEMENT shall be

construed in all respects as if the invalid or unenforceable provision or portion thereof had been omitted and all other terms and conditions are fully enforceable, and in such case this License AGREEMENT may be modified, amended, and limited, reflecting the intentions of the parties, if and only if such changes are necessary to render the License AGREEMENT valid and enforceable. The headings or titles of the Paragraphs or Subparagraphs of this License AGREEMENT are for convenience only and shall not be used as an aid in construction of any provision hereof. If LICENSEE breaches this License AGREEMENT, LICENSOR shall be entitled, in addition to any other rights available at law or in equity, to immediate injunctive relief without any requirement to post a bond or other security. LICENSEE acknowledges and agrees that LICENSEE had a full and ample opportunity to consult legal counsel regarding this License AGREEMENT, has freely and voluntarily entered into this License AGREEMENT, has read, understood, agreed with and acknowledged each and every provision, including, but not limited to, LICENSEE'S rights, obligations, and applicable terms and conditions as set forth herein. The parties agree that the United Nations Convention on Contracts for the International Sale of Goods is specifically excluded from application to this License AGREEMENT. The SOFTWARE and documentation are provided with RESTRICTED RIGHTS. Use, duplication, or disclosure by the Government is subject to restrictions as set forth in the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 or subparagraphs (c)(1) and (2) of the Commercial Computer Software-Restricted Rights at 48 CFR 52.227-19, as applicable. Manufacturer Mobile-Vision, Inc, 400 Commons Way, Suite F, Rockaway, NJ 07866.

END OF SOFTWARE LICENSE AGREEMENT

Third Party Software Licenses

For a list of third party software licenses, please click on the following link:

<https://l3mvicrm.blob.core.usgovcloudapi.net/mvicrm/Flashback/Third%20Party%20Software%20Licenses.pdf>

Appendix C: Suppressing Java Security Prompts

If you receive a security popup each time you access DEV, you may want to perform a procedure that enables you to turn off this popup on all your workstation PCs. This procedure is documented in an article found on our Online Support Center. To access it, click on the following link:

<https://l3tmvi.dynamics365portals.us/article/KA-04163/en-us>

Index

A

- Access points, 9, 455
- Access to BodyVISION videos, 177, 178, 180
- Activate error notification feature for DVRs, 315
- Activate video notations feature, 142
- Active
 - DVRs in fleet, 378
 - Users logged into DEV, 380
- Add
 - Backup PC, 345
 - Bookmark URL, 401
 - DVR, Flashback, 276, 279
 - New module, 373
 - New user metadata field, 130
 - Storage device, 365
 - User, 441
 - User metadata to a video, 65
 - User Role, custom, 421
 - Video notations, 66, 136
 - Viewing request reason, 191
- Address. *See* IP address
- Advance
 - to beginning of video, 57, 60
 - to end of video, 57, 60
 - to Trace Point, 57
- Advanced video search, 22
- After Date* field, 23
- Agency server to precinct server TCP ports, 463
- Aggressive Driving* category, 35
- Alarm, *BodyVISION*. *See* Alert, *BodyVISION*
- Alert messages, 359, 360
- Alert, Body Worn, 306
- Alert, recording, 291
- Alert, recording-in-progress, 291, 300
- Allow Officer Dispatch* checkbox, 289
- Allowing access to BodyVISION videos, 177, 178, 180
- Application, updating to new version, 384
- Approving/denying a viewing request, 180, 186
- Archive. *See Also* 'Backup' and 'Burn'
 - Automatic, 10, 246
 - Disc. *See* Certified Backup Disc (CBD)
 - Jobs, status of, 262
 - List, viewing, 251
- Archived video, days to enable reactivation of, 372
- Archiver Errored Out* field, 379

Assign

- Body Worn camera to an officer, 306

- BodyVISION* to an officer, 292

- BWX-100 to an officer, 301

- Permissions to a user record, 430

- Attach user metadata to a video, 65

Audio

- In-car, 54, 58

- Microphone, 35

- Mute button, 54, 58

- Playback, 237

- VLP1, 54, 58

- VLP2, 54, 58

- Volume, 54, 58

- Audio alert, Body Worn, 306

- Audio/Video mode, 299

- Authenticity of disc, verifying, 258

- Authorization to view *BodyVISION* videos, 177, 180, 183, 184

- Auto Insert DVRs, configuring, 281

- Auto-created officer, 32, 437

Automatic

- Archives, 10, 205, 246, 455

- Transmission, 10

- AutoPlay.exe icon, 241, 244

- Auxiliary 1 trigger, 35

- Auxiliary 2 trigger, 35

- Auxiliary triggers, 55, 59

- Available disk space for videos on server, 378

- Available Time* field, 57

AVD files

- Converting to AVI, 162, 165

- Installing Codec for, 168

- Playing on a new or rescanned PC, 168

- AVI disc format, 208, 217, 227, 243

B

- Backup. *See Also* 'Burn' and 'Archive'

- Automatic, 10, 205, 246

- Device, external, 76

- Disc. *See* Certified Backup Disc (CBD)

- DVDs, number of, 378

- External tape, 251

- History, 251

- Modes, selecting, 246

- PC. *See* Backup PC

- Scheme, 379

- Status, of video category, 152, 154

- Workstation. *See* Backup PC

- Backup Enabled* field, 152, 154

- Backup PC
 - Adding, 345
 - Changing, 350
 - Definition of, 341, 455
 - Deleting, 352
 - Software, updating, 341
 - TCPs, 463
 - Viewing Status Page for, 354
- Backup Workstation. *See* Backup PC
- Basic video search, 19
- Battery
 - BodyVISION LED light indicators, 293
 - Percentage level left in *BodyVISION*, 306
 - Percentage level left in BWX-100, 306
 - Sensor crash detector. *See* Auxiliary 1 trigger
- Before Date* field, 23
- Black color percentage in Bravo unit, 355
- Bluetooth transmission, 298
- Blur level, 238
- Blu-Ray discs, 206
- Body Worn, 35, 124, 378, *See Also* *BodyVISION*
- BodyVISION*
 - Assigning to an officer, 289, 292
 - Audio/visual alert, activating, 306
 - Battery level percentage, 293, 306
 - Captured Image report, 111
 - Changing a DVR record for, 288
 - Configuring, 287
 - Download options, 303
 - Introduction to, 286
 - IP address, 288, 290
 - Mobile Devices page, 305
 - Officer Dispatch feature, 289
 - Replacing, 308
 - Serial number, 289
 - Snapshot, capturing, 289
 - Snapshot, displaying, 47
 - Snapshot, printing, 111
 - Snapshot, viewing, 43
 - Storage space remaining, 306
 - Tracking function, 177, 178
 - Viewing Requests, 177
- Bookmarks
 - Adding, 401
 - Changing, 403
 - Definition of, 455
 - Deleting, 404
 - Introduction to, 400
- Brakes trigger, 55, 59

- Bravo ink cartridges, 355
- Bravo unit. *See* Robotic DVD burner
- BUILDING**
 - Archive status, 263
 - Export status, 263
- BUILT**
 - Archive status, 263
 - Export status, 263
- Burn**
 - Application, installing on PC, 253
 - Icon, 29
 - Job, completed, 6, 252
 - Job, deleting, 265
 - Job, failed, 6, 7
 - Job, queued, 6, 261
 - Job, sequence, 262
 - Job, working, 6
 - Queue, exporting a video to, 209
 - Queue, viewing, 261
 - Request, deleting, 265
 - Video to a Consumer DVD, 214
 - Video to a Data DVD, 212, 224
 - Video to an FOIA Redacted format DVD, 235
 - Video to an Interchange Format DVD, 217, 227
 - Video to an Uncompressed Format DVD, 221, 231
- Burner, DVD. *See* Robotic DVD burner
- BURNING**
 - Archive status, 263
 - Export status, 263
- BWX-100**
 - Assigning to an officer, 298, 301
 - Audio alert, activating, 306
 - Battery level percentage, 306
 - Changing a DVR record for, 296
 - Configuring, 296
 - Download options, 303
 - Introduction to, 294
 - IP address, 299
 - Mobile app, enabling/disabling LEC Mobile pairing feature, 311
 - Mobile Devices page, 305
 - Officer Dispatch feature, 298
 - Record LED, 301
 - Replacing, 308
 - Serial number, 298
 - Settings, changing, 296
 - Snapshot, capturing, 298
 - Storage space remaining, 306
 - Video resolution, 300
 - Viewing status of, 305

C

- Camera 1 view, 55, 58, 60
- Camera 2 view, 55, 58
- Camera, Body Worn, 286, 294
- Capture date, 50
- Capture still image from a video, 54, 61
- Captured Image report, 111
- Capturing *BodyVISION* still images, 289
- Capturing BWX-100 still images, 298
- Car. *See* Vehicle
- Car Number* field, 59
- Card Format* category, 34
- Category
 - Aggressive Driving, 35
 - Backup status, changing, 152, 154
 - Body Worn, 35
 - Card Format, 34
 - Changing, 152
 - Corrupt QBX, 34
 - Crash Battery Died, 34
 - Days Online, 152, 154
 - Exporting, 155
 - Firmware Upgrade, 34
 - Interview, 35
 - Name, changing, 152, 154
 - Unknown, 35
 - Usage status, changing, 152, 154
 - Video, changing, 64
 - Video, exporting, 155
- Cause* field, 56
- CD. *See* DVD
- cdrttools application, 253
- Certified Backup Disc (CBD). *See Also* ‘Archive,’ ‘Backup,’ and/or ‘Burn’
 - Definition of, 9, 456
 - Label number for, 252
 - Re-importing expired video from, 78
 - Restoring a video from, 73
 - Viewing list of, 251
- Certified copy of DVD, 9
- Certified copy of DVD, user-requested, 9
- Certify that a disc is unaltered, 258
- CF card
 - Definition of, 10
 - Uploading videos from, 83
- Chain of Custody report
 - Definition of, 456
 - for a video, 70

Change

- Backup PC, 341, 350
- Backup status for video category, 152, 154
- BodyVISION* settings, 288
- Bookmark URL, 403
- BWX-100 settings, 296
- Category, video, 152, 154
- Color scheme for application, 394
- Columns on Search Results page, 202
- Days Online* setting for video category, 152, 154
- Default values for *Show GPS* and *Show Speed* checkboxes, 270
- Display logo in DEV, 362
- Display order for user metadata fields, 135
- Expiration date for *BodyVISION* video viewing approvals, 186
- File types that are automatically archived, 246
- Flashback settings, 282
- Login password, 5
- Number of rows per page, 406
- Online lifecycle settings, 370
- Pre record settings, 300
- Precinct information, 361
- Session timeout setting, 392
- Speed display on Flashback Player, 150
- Storage device, 367
- User, 447
- User metadata field, 132
- User Role, 415, 424
- Video category, 64, 152, 154
- Video category backup status, 152, 154
- Video category usage status, 152, 154
- Video notations, 138
- Video playback method, 146
- Video user metadata, 65
- Viewing request reason, 193
- Checking that a disc is unaltered, 258
- Codec Utility for Flashback1 Videos, 168
- Color scheme, for application, 394
- Columns on Search Results page, changing, 202
- COM date, last, 315
- Comments, video, 61
- COMPLETE archive status, 263
- Completed burn job, 6
- Config Sync* field, 275
- Configuration synchronicity of DVR, 275
- Configuring a new 'Auto Insert' DVR record, 281
- Configuring a new *BodyVISION*, 287
- Configuring a new BWX-100, 296

- Consumer DVD format
 - Burning video DVDs in, 214
 - Description of, 15, 207, 457
 - DVDs, viewing, 241
- Controlling access to BodyVISION videos, 177, 178, 180
- Convert
 - AVD files to AVI files, 162, 165
 - MKV files to MP4 files, 162
 - QBX files to MP4 files, 162, 165
- Corrupt
 - Flashback2/3/HD/BV video, 34
 - QBX category, 34
- Count, video
 - Body Worn DVR (VIEVU), 378
 - Last 24 hours, 378
 - Last 30 days, 378
 - Last 7 days, 378
 - Non-archived, 378
 - Total, 378
 - VIEVU, 378
- Crash Battery Died* category, 34
- Crash detector. *See* CrashBat
- CrashBat, 35, 55, 59
- Current Time* field, 57
- Custom User Roles
 - Adding, 421
 - Changing, 424
 - Deleting, 428
 - Introduction to, 420
- Customize DVD labels, 249
- Customizing columns on Search Results page, 202

D

- Data DVD format
 - Burning video DVDs in, 212, 224
 - Description of, 15, 206, 457
 - Downloading videos in, 91
 - DVDs, viewing, 241
- Date
 - After video began recording, 23
 - Before video began recording, 23
 - BodyVISION snapshot was captured, 50
 - BodyVISION video access, 184, 186
 - BodyVISION video access was granted, 184
 - BodyVISION viewing request expires, 186
 - Download, 325
 - EMA expires, 362
 - Last COM, 315

- Date (cont'd)
 - Video began recording, 57, 60
 - Video finished recording, 57
- Daylight savings time, 290, 299
- Days
 - to enable restore of backed-up media, 372
 - to extend life of tagged video, 372
 - to remain online, 152, 154
- Deactivate error notification feature for DVRs, 315
- Decreasing/increasing expiration date for viewing approvals, 186
- Default
 - Permissions for system-defined User Roles, 413
 - Player options, changing, 270
 - User Role settings, 419
- Defining password policies, 432
- Delete
 - Alert message, 360
 - Backup PC, 352
 - Bookmark URL, 404
 - DVD burn request, 265
 - DVR record, 285
 - Mailbox message, 7
 - Storage device, 369
 - User, 451
 - User metadata field, 134
 - User Role, custom, 428
 - Video notations, 140
 - Viewing request reason, 196
- Deletion Roll-Up Report, 267
- Deny request, 7, 180
- Destination* field, 262
- Details, viewing for video, 30
- DEV
 - Color scheme, changing, 394
 - Server. *See* Server PC
 - Upgrading to new version, 384
- DHCP, 290, 298
- Digital Evidence Collection System, definition of, 457
- Disable
 - Backup of video category, 152, 154
 - Category of DVRs, 325
 - Category of videos, 152, 154
 - DVR, 278
 - Mobile app pairing for BWX-100s, 311
 - Mute function on BodyVISION, 291
 - Mute function on BWX-100, 300
 - Strict Purger, 372
- Disabled DVRs, 378
- Disallowing access to a BodyVISION video, 185

- Disc. *See Also* DVD
 - Capacity, 206
 - Labels remaining for Rimage Blu-Ray burner, 355
 - Number remaining in robotic DVD burner, 355
 - Type, 206, 262
 - Validator, 258
- Dispatch BWX-100 to an officer, 298
- Dispatch, *BodyVISION* to an officer, 289
- Display
 - Active reviewing requests, 183
 - BodyVISION* reviewing requests, 183
 - BodyVISION* snapshot, 43, 47
 - Captured Image report for a *BodyVISION* snapshot, 111
 - Chain of Custody report for a video, 70
 - Logo, changing, 362
 - Name, user, 442
 - Video details, 30
 - Video on a Google map, 54
 - Video on full screen, 54
- DL Speed* field, 325
- DL Status* field, 315
- Double-layer discs, storage capacity of, 206
- Download
 - Date, 325
 - DVD burn application, 253
 - Expired video from manual backup disc or CBD, 78
 - Java Runtime Environment (JRE), 398
 - New video to server PC, automatically, 10
 - New video to server PC, manually, 85
 - New video to server, manually, 82, 88
 - Options for *BodyVISION* DVR, 303
 - Ports and protocols, 463
 - Priority, 278
 - Speed, 325
 - Status, 315
 - Support logs, 396
 - Video to your PC, 91, 96, 101
 - Video to your PC in FOIA Redacted format, 105
- Downloader Errored Out* field, 379
- Downloading* status, 307
- Drivers, VIEVU, 171
- Duplicate DVR names, 310
- Duplicator, DVD. *See* Robotic DVD burner
- Duration of video, 36, 57, 60
- DVD, 205
 - Archives, automatic, 10
 - Backup discs, definition of, 9, 456
 - Backup, number of, 378
 - Burn application, 253

DVD (cont'd)

- Burn queue, viewing, 261
- Burn request, deleting, 265
- Burner, robotic, 9, 460
- Disc capacity, 206
- Evidential, 9, 462
- Export, number of, 379
- File formats, 15, 206
- Labels, customizing, 249
- Labels, viewing, 269
- Purgable, 252, 267
- System requested, 10
- User-requested, 9, 462
- Validating, 258
- Viewing on a PC or consumer DVD player, 240

DVR

- Active, number of, 378
- Activity report, 338
- Auto Insert record, configuring, 281
- BodyVISION*, changing, 288
- BodyVISION*, introduction to, 286
- BWX-100, changing, 296
- BWX-100, introduction to, 294
- Configuration synchronicity, 275
- Definition of, 458
- Deleting, 285
- Disabled, number of, 378
- Download options, 303
- Download ports and protocols, 463
- Enabled, number of, 378
- Error notification feature, 315
- Errors, 315, 318
- Firmware, 328, 333
- Flashback, adding, 276, 279
- Flashback, changing, 282
- Introduction to, 273
- Log, viewing, 324
- Login key, 336
- Name, *BodyVISION*, 289
- Name, BWX-100, 298
- Name, Flashback, 32, 278
- Naming conflict, 310
- Officer name, 32, 56, 443
- Reassigning video to, 126
- Replacing, 284, 308
- Searching for, 274
- Status list, viewing, 314
- System-generated, 315
- Type, 23, 33, 275

DVR (cont'd)

- Updating firmware for, 328
- Used to record a video, 32, 56
- User ID logged into, 32, 56

DVR ID, 289, 298

DVR ID field, 274**E**Edit. *See* Change

EMA (Extended Maintenance Agreement), 362

Enable

- Backup of video category, 152, 154
- Category, video, 152, 154
- Creation of Media Deletion Roll-up report, 373
- DVR, 278
- Mobile app pairing for BWX-100s, 311
- Mute function on BodyVISION, 291
- Mute function on BWX-00, 300
- Restore of backed-up media, 372
- Strict Purger, 372
- Un-tagging, 372
- Video category, 152, 154
- Video notations, 142

Enable Recategorization of Video setting, 198*Enable Trimming* checkbox, 238

Enabled DVRs, 378

End date/time of video, 57

Error messages, Backup PC, 355

Error notification, DVR, 315

Ethernet, 290, 298

Event field, 359

Expiration date

- for BodyVISION video access, 184
- for BodyVISION viewing request, 186
- for EMA, 362

Export

- BodyVISION* snapshot to PDF file, 111
- Definition of, 10
- DVDs, number of, 379
- DVR activity to a spreadsheet, 338
- Jobs, status of, 263
- Purged videos to a spreadsheet, 200
- Type, 262
- User activity to a spreadsheet, 452
- Video activity to a spreadsheet, 160
- Video categories, 155
- Video frame, 54
- Video notations activity to a spreadsheet, 144
- Video to burn queue in Consumer DVD format, 214

Export (cont'd)
Video to burn queue in Data DVD format, 212
Video to burn queue in Interchange format, 217
Video to burn queue in Uncompressed format, 221
Video to PC in Data DVD format, 224
Video to PC in FOIA Redacted format, 235
Video to PC in Interchange format, 227
Video to PC in Uncompressed format, 231
Viewing request activity to a spreadsheet, 189
Export Default field, 347
Extend life of tagged video, 372
External
Inputs. *See* Trigger/record reason
Tape backup device, reactivating a video from, 76

F

Failed burn job, 6, 264
Fast forward button, 27, 60
Fast rewind button, 27, 60
File formats, for DVDs, 15, 206
Consumer DVD format, 207
Data DVD format, 206
FOIA Redacted DVD format, 209
Interchange format, 208
Uncompressed format, 208
File size of video, 60
Firmware release notes, viewing/printing, 333
Firmware Upgrade category, 34
Firmware, DVR
Introduction to, 328
Release notes, viewing/printing, 333
Updating, 328
First page button, 27
Flashback DVR. *See* DVR
Flashback File Converter utility
Installing, 162
Using, 165
Flashback Player
for Flashback2/3/HDs and *BodyVISION* videos, 54
Installing manually, 173
Flashback Player, definition of, 458
Flashback1
Videos, converting to AVI format, 165
Videos, installing Codec for, 168
Videos, playing on a new or rescanned PC, 168
Flashback2
DVR record, adding, 276, 279
DVR record, changing, 282
DVR record, deleting, 285

- Flashback2 (cont'd)
 - DVRs, disabling/enabling, 325
 - Replacing, 284
 - Video, corrupt, 34
 - Videos, converting to MP4 format, 165
- Flashback3/HD
 - DVR record, adding, 276, 279
 - DVR record, changing, 282
 - DVR record, deleting, 285
 - DVRs, disabling/enabling, 325
 - Player, 54
 - Replacing, 284
 - Video, corrupt, 34
 - Videos, converting to MP4 format, 165
- FOIA Redacted format
 - Burning video DVDs in, 235
 - Description of, 209
 - Downloading videos in, 105
 - DVDs, viewing, 243
- Frame, video, 54, 57, 60, 61
- Free space remaining on *BodyVISION*, 306
- Free space remaining on BWX-100, 306
- FTP
 - Internet protocol, 147
 - Password, for RAID device, 366
 - Username, for RAID device, 366
- Full high definition video, 300
- Full-screen display, 54

- G**
- Gateway, 299
- Generate
 - Captured Image report, 111
 - Chain of Custody report for a video, 70
 - DVR login key, 336
 - Video Deletion Roll-Up report, 267
- Globally updating firmware for an entire fleet of DVRs, 328
- Go to beginning of video, 57, 60
- Go to end of video, 57, 60
- Google Earth, 54
- Google Earth, viewing a video in, 41
- GPS coordinates, 56
- Granting access to *BodyVISION* videos, 177, 178, 180
- Group
 - Icon, 29
 - Video information, viewing, 36, 39

H

Hardware components of Digital Evidence System, 8
Heading, of vehicle during video, 56
Help system, accessing online, 16
High definition video, 300
Home page, 6, 7
HTTP internet protocol, 147

I

Identify Body Worn device, 306
Idle status, 306
Import

- Expired video from manual backup disc or CBD, 78
- Multiple Flashback DVRs from a spreadsheet, 279
- New video to server PC, automatically, 10
- New video to server PC, manually, 85
- New video to server, manually, 82, 88

In Use field, 152, 154
In/Out field, 308
Inbox messages, 6
In-car audio track, 54, 58
Increasing/decreasing expiration date for viewing approvals, 186
Ingest date, 458
Ink cartridges, Bravo, 355
Input type for UMD field, 131
Inputs, external. *See* Trigger/record reason
Inserting *BodyVISION* still images, 289
Inserting BWX-100 still images, 298
Install

- Drivers for VIEVU, 171
- DVD burn application, 253
- Flashback File Converter, 162
- Flashback Player, manually, 173
- Java Runtime Environment (JRE), 398
- New module, 373
- New version of DEV, 384
- UMD editor on a mobile data computer, 157
- Windows Codec utility for Flashback1 videos, 168

Interchange format

- Burning video DVDs in, 217, 227
- Description of, 15, 208, 458
- Downloading videos in, 96
- DVDs, viewing, 243

Internal Path, RAID, 366
Internet protocols

- FTP, 147
- HTTP, 147
- SMB, 147

- Interview category, 35
- Interview Room module, description of, 14
- IP address
 - BodyVISION*, 288
 - BWX-100, 296
 - BWX-100, 299
 - Ethernet mask, 290

J

- Java Runtime Environment (JRE), installing, 398
- Java security prompts, suppressing, 466
- Jobs, burn. *See* Burn job
- JPG still image, 289, 298

K

- Key, for DVR login, 336
- Kilometers per hour. *See* KPH
- Kiosk mode, 345
- KML file format, 41
- KPH
 - Display, 150
 - Lock speed, 57, 60
 - Patrol speed, 56, 59
 - Target speed, 57, 59
 - Trigger, 56, 59

L

- Label
 - Certified Backup Disc number, 252
 - Customizing, 249
 - Rimage, 355
 - UMD, 131
- Last 24 hours video count, 378
- Last 30 days video count, 378
- Last 7 days video count, 378
- Last COMM Date* field, 315
- Last Comm IP* field, 274, 440
- Last page button, 27
- Latitude coordinate, 24, 56
- LEC Mobile
 - Definition of, 459
 - Pairing with BWX-100s, 311
- LED indicators
 - BodyVISION*, 293, 294
 - BWX-100, 301
- Length of video, 36, 57, 60

- Level
 - of *BodyVISION* battery, 306
 - of BWX-100 battery, 306
- Lifecycle of video, 2
- Lifecycle settings, 370
- Lifespan, extending for video. *See* Tag a video
- Lights trigger, 35, 55, 59
- Limiting access to a *BodyVISION* video, 177, 178, 180, 185
- Link
 - Category to a video, 64
 - to Mobile-Vision website, 400
 - to Online Support Center, 400
 - User Metadata to a video, 65
- LOCAL PREPPED status, 263
- Local queue, 261
- Locate *BodyVISION* device. *See* Alert, *BodyVISION*
- Lock speed, captured by radar detector, 57, 60
- Login
 - ID, 442
 - Instructions, 4
 - Key for DVR, 336
- Logo, agency, 362
- Logs
 - DVR, 324
 - Snapshot, viewing, 117
 - Support, 396
 - System, 358
 - Video, 115
- Longitude coordinate, 24, 56

M

- Macintosh compatible format, 207
- Main menu, 7
- Manual
 - Backup disc. *See Also* User-requested certified copy
 - Backup disc, definition of, 459
 - Backup disc, reactivating an offline video from, 73
 - Backup disc, reimporting expired video from, 78
 - Export, of video, 235
 - Export, of video categories, 155
 - Export, of video in Data DVD format, 224
 - Export, of video in Interchange format, 227
 - Export, of video in Uncompressed format, 231
 - Installation of Flashback Player, 173
 - Upload of new videos to server, 82, 88
 - Upload of new videos to server PC, 85
- Manuals, viewing/printing, 382
- Map-It function, 41, 54
- Mask, 66, 290, 299

- Maximum size for UMD field, 131
- Maximum Speed* field, 36
- MDC to DVR TCPs, 463
- Media
 - Activity report, 160
 - Deletion Roll-up report, 373
 - File name, 269
 - ID, 265
- Message board, 6
- Message Type* field, 360
- Messages, system, 359
- Metric display, turning on/off, 150
- Metric setting for speed, 152
- Microphone
 - In-car, 54, 58
 - Trigger, 35
 - VLP1, 54, 58
 - VLP2, 54, 58
- Miles per hour. *See* MPH
- MKV disc format, 243
- Mobile app pairing for BWX-100s, 311
- Mobile data computer, installing the UMD editor on, 157
- Mobile Devices
 - Page, viewing, 305
 - Permission, 412
- Mode, audio/video, 299
- Module, new, 373
- Monitoring access to BodyVISION videos, 177, 178, 183
- MP4 disc format, 208, 217, 227, 243
- MPH. *See Also* Speed
 - Display, 150
 - During video, 56
 - Lock speed, 57, 60
 - Patrol speed, 56, 59
 - Target speed, 57, 59
 - Trigger, 56, 59
- Mute button, 54, 58
- Mute function, enabling/disabling, 291, 300

N

- Naming conflict, resolving, 310
- Navigation buttons, 13
- New
 - Archive status, 262
 - DVR record, auto-inserted, 281
 - DVR, swapping with an old unit, 284, 308
 - Module, adding, 373
 - Version of application, installing, 384
 - Video, automatically uploading to server PC, 10

- New (cont'd)
 - Video, manually uploading to server, 82
 - Video, manually uploading to server PC, 85, 88
- Next page button, 27
- Non playable video, 35
- Non-archived video count, 378
- Notations, video
 - Adding to a video, 66
 - Changing, 138
 - Creating new, 136
 - Deleting, 140
 - Feature, turning on/off, 142
- Notes column, on Group tab, 41
- Number
 - of backup DVDs, 378
 - of export DVDs, 379
 - of rows per page, 406
 - Video, 32, 41
- O**
- Officer
 - Assigning a *BodyVISION* to, 292
 - Assigning a BWX-100 to, 301
 - Dispatch, for *BodyVISION* DVRs, 289
 - Dispatch, for BWX-100 DVRs, 298
 - DVR name, 443
 - Logged into DVR at time of recording, 32, 56
 - Reassigning video to, 121, 123
 - User type, 3, 413
- Offline
 - File status, definition of, 11, 459
 - Icon, 29
 - Video, days to enable reactivation of, 372
 - Video, definition of, 11
 - Video, expired, 78
 - Video, reactivating, 72, 73, 76
 - Video, searching for, 24
 - Video, viewing, 29
- Online
 - File status, definition of, 459
 - Help system, 16
 - Icon, 29
 - Life, extending for video. *See* Tag a video
 - Lifecycle settings, viewing/changing, 370
 - Video, searching for, 24
 - Video, viewing, 29
- Order of user metadata fields, changing, 135
- Organization Name* field, 362

P

- Pairing BWX-100s with mobile app, 311
- Password
 - Changing, 5
 - Policies, 432
 - Rules, 411, 432
 - User, 442
- Patrol car. *See* Vehicle
- Patrol speed, for radar detector, 56, 59
- Pause button, 57
- PC, Backup. *See* Backup PC
- Percentage
 - of battery charge left in *BodyVISION* unit, 306
 - of battery charge left in BWX-100 unit, 306
 - of ink left in Bravo unit, 355
 - of space left on *BodyVISION* unit, 306
 - of space left on BWX-100 unit, 306
- Permissions
 - Assigning to a user, 430
 - BodyVISION* video viewing, 177, 178, 183
 - BodyVISION* viewing, 412
 - Description of, 411
 - System defined, 413
 - User defined, 420
 - User Roles, custom, 420
 - User Roles, system defined, 413
- Permitting access to *BodyVISION* videos, 177, 178, 180
- Phone number, precinct, 362
- Picture in picture (PIP), 56
- Ping a Body Worn device, 306
- Play
 - Button, 57
 - Controls, 57, 60
 - Video on a DVD, 240
 - Video on the server PC, 52
- Playback method for video, changing, 146
- Playback, audio, 237
- Players, video
 - Flashback1, 58
 - Flashback2/3/HD/BV, 54
- Policies, password, 432
- Port, 463
- Pre record setting, 300
- Precinct, 361
 - Address, 362
 - EMA expiration date, 362
 - Name, 362
 - Phone number, 362
 - Registration Key, 362

- Pre-staging, 345
- Preventing access to a BodyVISION video, 177, 178, 180, 185
- Previous page button, 27
- Primera bravo unit. *See* Robotic DVD burner
- Print
 - Captured Image report, 111
 - Chain of Custody report for a video, 70
 - Firmware release notes, 333
 - Product manuals, 382
 - Snapshot, 111
 - Software release notes, 381
 - Video Deletion Roll-Up report, 267
- Priority
 - for burn job, 262
 - for video transmission, 154, 278
- Private
 - File status, definition of, 459
 - Video, 17
- Product Code, Flashback, 275
- Product manuals, viewing/printing, 382
- Product release notes, viewing/printing, 381
- Proving that a disc is unaltered, 258
- Public
 - File status, definition of, 459
 - Video, 17
- Purgable DVD, 252, 267
- Purge. *See Also* Delete
- Purged* video category, 198
- Purger, strict, 372

Q

- QBX files, converting to MP4, 162, 165
- Queue, burn, 209
- Queue, viewing, 261
- Queued burn job, 6

R

- Radar
 - Interface Module, 56, 59
 - Lock speed, 57, 60
 - Patrol speed, 56, 59
 - Target speed, 57, 59
- RAID
 - FTP password, 366
 - FTP username, 366
 - Internal Path, 366
 - Status, 366

- Reactivate
 - Backed up media, 72, 372
 - Offline video, 72, 73, 76
- Reason user wants to view a BodyVISION video, 191
- Reassign
 - Body Worn camera to a different officer, 306
 - Video to a different DVR, 126
 - Video to a different officer, 121, 123
- Recategorizing video, 198
- Record
 - Alert, 291
 - Settings, pre record, 300
- Record button trigger, 36
- Record LED* field, 301
- Record reason. *See Also* Trigger
 - Auxiliary 1, 35, 55
 - Auxiliary 2, 35, 55, 59
 - Brakes, 55, 59
 - Definition of, 35, 460
 - KPH, 56, 59
 - Lights, 55, 59
 - Microphone 1, 35
 - MPH, 56, 59
 - Record button, 36
 - Siren, 36, 55, 59
 - Speed, 36
- Recording Alert Time* function, 291
- Recording time left on BodyVISION, 294
- Recording-in-progress alert, 291, 300
- Recording-in-progress light, 301
- Records per page display, changing, 406
- Redacted format
 - Burning videos in, 235
 - Downloading videos in, 105
- Redaction software, 162, 165
- Refresh Page, 315
- Registration Key, 362
- Reimport expired video from a backup disc, 78
- Release notes, viewing/printing, 333, 381
- Remote broadcast IPs, 290, 299
- Remote triggering, 298
- Remove. *See* Delete
- Replacing a DVR, 284
- Report
 - Captured Image, 111
 - Chain of Custody for a video, 70
 - DVR Activity, 338
 - Firmware Release Notes, 333
 - Media Activity, 160

- Report (cont'd)
 - Media Deletion Roll-up, 267, 373
 - Purged Videos, 200
 - Software Release Notes, 381
 - User Activity, 452
 - Video activity, 160
 - Video Deletion Roll-Up, 267
 - Video Notations Activity, 144
 - Viewing Request Activity, 189
- Requested By* field, 264
- Resolution, video, 291, 300
- Resolving DVR naming conflicts, 310
- Restore. *See Also* Recover
 - Backed up media, 72, 372
 - Offline video, 72, 73, 76, 78
 - System-defined User Role to default setting, 419
- Restricting access to a BodyVISION video, 177, 178, 180, 185
- Revision* field, 307
- Revoking an active viewing request, 185
- Rewind, fast, 60
- Ribbon count, Rimage, 355
- Rimage unit. *See* Robotic DVD burner
- Robotic DVD burner
 - Definition of, 9, 460
 - Disc count, 355
 - Using to burn system-requested archive discs, 9, 460
- Roles, user, 3, 411
- Roll-Up report, of deleted videos, 267
- Rows per page display, changing, 406
- Rules, password, 411, 432

S

- Scrolling through multiple records, 13
- SD card
 - Definition of, 10
 - Uploading videos from, 83
- Search
 - for DVR, 274
 - for user, 439
 - for video, 18, 19, 22
 - Results, viewing for videos, 27
- Security
 - Introduction to, 411
 - Prompts, Java, 466
- Sent messages, 6
- Sequence
 - of burn job, 262
 - of video in group, 41
- Serial #* field, 306

- Serial number, 274, 289, 298, 306
- Server
 - Current space, available, 378
 - TCPs, 463
 - Transmitting videos to, manually, 82
- Server PC
 - Definition of, 8
 - Storage capacity, 378
 - Transmitting videos to, automatically, 10
- Service contract expiration date, 362
- Session Timeout setting, 392
- Session Timeouts* field, 423
- Show GPS* and *Show Speed* checkboxes, changing default value for, 270
- Simultaneous Users Allowed* field, 379
- Single-layer discs, storage capacity of, 206
- Siren trigger, 36, 55, 59
- Size of video, 325
- Slow rewind button, 60
- SMB internet protocol, 147
- Snapshot
 - BodyVISION*, displaying, 47
 - BodyVISION*, viewing, 43
 - Logs, viewing, 117
 - of video image, 54, 289, 298
- Snapshot of video image, 61, 111
- Snapshot/Tracepoint* drop-down list, 289, 298
- Software release notes, viewing/printing, 381
- Sorting through multiple records, 13
- Space for videos on server PC, 378
- Space remaining on *BodyVISION* unit, 306
- Space remaining on BWX-100 unit, 306
- Speed
 - Display on Flashback Player, changing, 150
 - of download, 325
 - of vehicle during recording, 36, 56
 - Radar lock, 57, 60
 - Radar patrol, 57, 59
 - Radar target, 56, 59
 - Trigger, 36
- Spreadsheet
 - Exporting DVR activity to, 338
 - Exporting purged videos to, 200
 - Exporting user activity to, 452
 - Exporting video activity to, 160
 - Exporting video notations activity to, 144
 - Exporting viewing request activity to, 189
 - Importing Flashback DVR records from, 279
- Start date/time of video, 57
- Start* field, 57

- State of Backup PC, 355
- Status
 - Icons, 29, 41
 - List, viewing for DVRs, 314
 - of archive jobs, 262
 - of Body Worn DVR, 306
 - of BodyVISION battery, 293
 - of burn job, 262
 - of export jobs, 263
 - of Flashback DVR, 278
 - of RAID device, 366
 - of system, 377
 - of user, 442
- Still image, capturing from a video, 61, 289, 298
- Stop button, 57, 60
- Storage
 - Capacity of discs, 206
 - Capacity, for videos on server PC, 378
 - Device, adding, 365
 - Device, changing, 367
 - Device, deleting, 369
 - Device, viewing, 367
 - Server. *See* Server PC
- Stream video directly from server, 147
- Strict Purger, enabling/disabling, 372
- Supervisor Lvl 1* user, 3, 413
- Supervisor Lvl 2* user, 3, 413
- Support expiration date, 362
- Support logs, downloading, 396
- Suppressing Java security prompts, 466
- Swapping an old DVR for a new unit, 284, 308
- Synchronicity between actual DVR settings and server settings, 275
- System Administrator* user, 3, 413
- System alerts, viewing, 359, 360
- System defined User Roles, 413
- System ID, 32, 41
- System logs, viewing, 358
- System Status page, viewing, 377
- System-requested archive disc. *See* Certified Backup Disc (CBD)

T

- Tag a video, 67, 68
- Tag icon, 29
- Tagged status, searching by, 24
- Tagged video, days to extend life of, 372
- Tagging, definition of, 460
- Tampering with a disc. *See* Checking that a disc is unaltered
- Tape backup, 251
- Target speed, set for radar detector, 57, 59

- TCP ports, 463
- Technical Support expiration date, 362
- Text box, for entering UMD, 131
- Thumbnail sketch of video, 28
- Ticketing, 263
- Time
 - at which DVD was finished burning, 252
 - Daylight savings, 290, 299
 - Recording, BodyVISION, 294
 - Video display, 57, 60
 - Video end, 57
 - Video start, 57
 - Zone, in which *BodyVISION* will be recording, 291
 - Zone, in which BWX-100 will be recording, 299
- Timeout Setting, changing, 392
- Toggle metric display on/off, 150
- Total Number Videos* field, 36
- Total video count, 378
- Trace Point, 57
- Tracking BodyVISION video viewing, 177, 178, 183
- Training videos, 382
- TRANSCODING export status, 263
- TRANSFERRING
 - Archive status, 263
 - Export status, 263
- Transmission, definition of, 460
- Transmit
 - Expired video from backup disc to server, 78
 - New video to server PC, manually, 85
 - New video to server, automatically, 10
 - New video to server, manually, 82, 88
- Trigger/record reason
 - Auxiliary 1, 35, 55
 - Auxiliary 2, 35, 55, 59
 - Brakes, 55, 59
 - Cause, 56
 - for video, 55, 59, 60
 - KPH, 56, 59
 - Lights, 55, 59
 - MPH, 56, 59
 - Record button, 36
 - Siren, 36, 55, 59
 - Speed, 36
- Triggering, remote, 298
- Trim Start* field, 238
- Trim Stop* field, 238
- Troubleshooting DVR errors, 318
- Turn video notations on/off, 142
- Turning off Java security prompts, 466

TV, playing a DVD on. *See* Consumer DVD format

U

UMD editor

 Installing on a mobile data computer, 157

 Ports and protocols, 463

Unaltered disc, 258

Uncompressed format

 Burning video DVDs in, 221, 231

 Description of, 15, 208

 Downloading videos in, 101

 DVDs, viewing, 244

Unique ID for UMD field, 131

Unknown category, 35

Unplayable video, 35

Untag a video, 69

Untagging allowed, 379

Untagging, enabling, 372

Update. *See Also* Change

 Application, 384

 Firmware, 328

Upgrading status, 307

Upload

 Expired video from manual backup disc or CBD, 78

 New Flashback video to server PC, automatically, 10

 New Flashback video to server PC, manually, 83

 New Flashback video to server, manually, 82

 New VIEVU video to server PC, manually, 85

 New VIEVU video to server, manually, 88

URL bookmarks, 400

Usage status, video category, 152, 154

USB drive, used to login to DVR, 336

User

 Activity report, 452

 Adding, 441

 Assigning permissions to, 430

 Changing, 447

 Deleting, 451

 Display name, 442

 ID of officer logged into DVR, 32, 56

 ID, permissions assigned to, 3, 411

 Login ID, 442

 Officer name, 443

 Password, 442

 Role, assigned to user, 443

 Roles, description of, 3

 Status, 442

- User metadata (UMD)
 - Attaching to a video, 65
 - Definition of, 10
 - Editor, installing on a mobile data computer, 157
 - Field, adding, 130
 - Field, changing, 132
 - Field, deleting, 134
 - Field, reordering, 135
 - Searching by, 25
 - Viewing, 38
- User roles
 - Adding custom, 421
 - Assigning, 430
 - Changing, 415, 424
 - Custom, 420
 - Default permissions for, 413
 - Deleting, 428
 - Description of, 411
 - Restoring default settings for, 419
 - System-defined, 413
- User-requested certified copy
 - Definition of, 9, 462
 - Restoring a video from, 73
- User-requested evidential disc. *See* User-requested certified copy
- Users, searching for, 439

V

- Vehicle
 - Car number, 59
 - GPS coordinates during video, 56
 - Speed, 56
- Vehicle Viewer ports, 463
- Verifying that a disc is unaltered, 258
- Version of software, updating to most recent, 384
- Video
 - Activity report, 160
 - Adding user metadata to, 65
 - After Date, 23
 - Automatically transmitting to server PC, 10
 - Before Date, 23
 - BodyVISION, 32, 286
 - BodyVISION snapshot, displaying, 47
 - BodyVISION snapshot, printing, 111
 - BodyVISION snapshot, viewing, 43
 - BodyVISION, permission to view, 177, 178, 183, 412
 - BodyVISION, time left on, 294
 - Burning to Consumer DVD, 214
 - Burning to Data DVD, 212, 224
 - Burning to FOIA Redacted format DVD, 235

Video (cont'd)

- Burning to Interchange Format DVD, 217, 227
- Burning to Uncompressed Format DVD, 221, 231
- BWX-100, 294
- Categories, exporting, 155
- Category, changing, 64, 152
- Chain of custody for, 70
- Columns on Search Results page, customizing, 202
- Count. *See* Count, video
- Deletion Roll-Up report, 267
- Displaying, 30, 54
- Downloading to your PC, 91, 96, 101, 105
- Duration, 36, 57, 60
- DVR source, 32, 56
- DVR type, 23, 275
- End date/time, 57
- Errors, 315, 318
- Expired, re-importing, 78
- Exporting to burn queue, 209
- Extending online life through tagging, 372
- File size, 60
- Files, downloading to your PC, 91, 96, 101, 105
- Full high definition, 300
- Google view, 41, 54
- Group icon, 29
- Group information, viewing, 36, 39
- High definition, 300
- ID. *See* System ID
- Latitude coordinate, 24, 56
- Length, 36, 57, 60
- Lifecycle, 2
- Logs, viewing, 115
- Longitude coordinate, 24, 56
- New, automatically transmitting to server PC, 10
- Non playable, 35
- Notations, 66, 136, 138, 140, 142, 144
- Number, 41, *See Also* System ID
- Offline, days to enable reactivation of, 372
- Offline, reactivating, 72, 73, 76
- Online life, extending. *See* Tag a video
- Online lifecycle settings, 370
- Playback method, changing, 146
- Player options, changing default value of, 270
- Player, Flashback2/3/HD/BV, 54
- Playing from a DVD, 240
- Playing on the server PC, 52
- Pre record setting, 300
- Purged Videos report, 200
- Reactivating, 72, 73, 76

Video (cont'd)

- Reassigning to a different DVR, 126
- Reassigning to a different officer, 121, 123
- Record reasons. *See* Trigger/record reason
- Resolution, 300
- Search results, viewing, 27
- Searching for, 18, 19, 22
- Sequence in group, 41
- Size, 325
- Snapshot, capturing, 54
- Snapshot, displaying, 47
- Snapshot, printing, 111
- Snapshot, viewing, 43
- Start date/time, 57
- Still image, capturing, 61
- System ID, definition of, 32
- Tagged status, 24
- Tagged, days to extend life of, 372
- Tagging, 67, 68
- Time left on BodyVISION, 294
- Total number in group, 36
- Transmitting manually to server, 82, 88
- Transmitting manually to server PC, 10, 85
- Triggers, 55, 59, 60
- Unplayable, 35
- Untagging, 69
- Uploading automatically to server PC, 10
- User metadata, adding, 65, 130
- User metadata, changing, 132
- User metadata, deleting, 134
- User metadata, reordering, 135
- User metadata, searching by, 25
- User metadata, viewing, 38
- VIEVU, 32
- Viewing, 41, 52, 54
- Visibility, 443

VIEVU

- Definition of, 462
- Drivers, installing manually, 171
- Uploading videos from, 85, 88
- Videos, number of, 378

View

- Alerts, system, 359
- Backup PC, 354
- Body Worn devices, 305
- BodyVISION snapshot, 43, 47
- BodyVISION videos, 178
- Captured Image report for a snapshot, 111
- Chain of Custody report for a video, 70

View (cont'd)

- Consumer DVD, 241
 - Data DVD, 241
 - DVD burn queue, 261
 - DVR log, 324
 - DVRs' status list, 314
 - Export details, 7
 - Firmware release notes, 333
 - FOIA Redacted Format DVD, 243
 - Interchange Format DVD, 243
 - List of Certified Backups, 251
 - Logs, snapshot, 117
 - Logs, system, 358
 - Logs, video, 115
 - Message Board, 6
 - Mobile Devices page, 305
 - Online lifecycle settings, 370
 - Product manuals, 382
 - Redacted Format DVD, 243
 - Requests to view BodyVISION videos, 183
 - Software release notes, 381
 - Storage device, 367
 - System alerts, 359
 - System logs, 358
 - System Status page, 377
 - Uncompressed format DVD, 244
 - Video, 52, 55, 58, 60
 - Video Deletion Roll-Up report, 267
 - Video details, 7, 30
 - Video group information, 36, 39
 - Video in Google Earth, 41
 - Video on a DVD, 240
 - Video on a Google map, 54
 - Video search results, 27
 - Video user metadata, 38
- Viewing request(s)
- Active, 183
 - Activity report, 189
 - Approving/denying, 180
 - Displaying active, 183
 - Expiration date, 186
 - Exporting to spreadsheet, 189
 - Introduction to, 177
 - Reason field, 184
 - Reasons, adding, 191
 - Reasons, changing, 193
 - Reasons, deleting, 196
 - Reasons, introduction to, 191
 - Revoking, 185

Visibility of videos, 443
VLP audio track, 54, 58
Volume control bar, 54, 58
V-One, installing the UMD editor on, 157

W

Website links, 400
Working burn job, 6
Workstation, backup. *See* Backup PC
Workstations to servers TCPs, 463

Z

Zone, time, 291, 299