

Digital Evidence Forwarder Officer's Guide

version 4.0.10

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1

Introduction

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

DEF allows you to search for and view the video files recorded by your Flashback and Body Worn cameras.

‘F’ is for Forwarder

DEF is designed to forward videos to a main DEP server, also referred to as the “parent” server. Agencies that choose this software/server configuration typically run DEP at one central location and run DEF on multiple servers at different precinct locations.

Aside from the video forwarding capability, DEF and DEP are completely separate, stand-alone applications. The only major functional difference between these two applications is that DEP includes the *case* and *exporting* functionality, whereas DEF does not. **Cases** are a type of record used to store videos and other data that pertains to an incident, such as a motor vehicle accident. **Exporting** is a system process used to copy video files, case files, and/or Body Worn snapshots for the purpose of burning them to disc or downloading them to your PC.

As with DEP, DEF is designed to run on server-class hardware. It is a web-based application, meaning that you access the software via a standard web browser. You can use either *Internet Explorer* or *Mozilla Firefox* to access DEF.

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

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

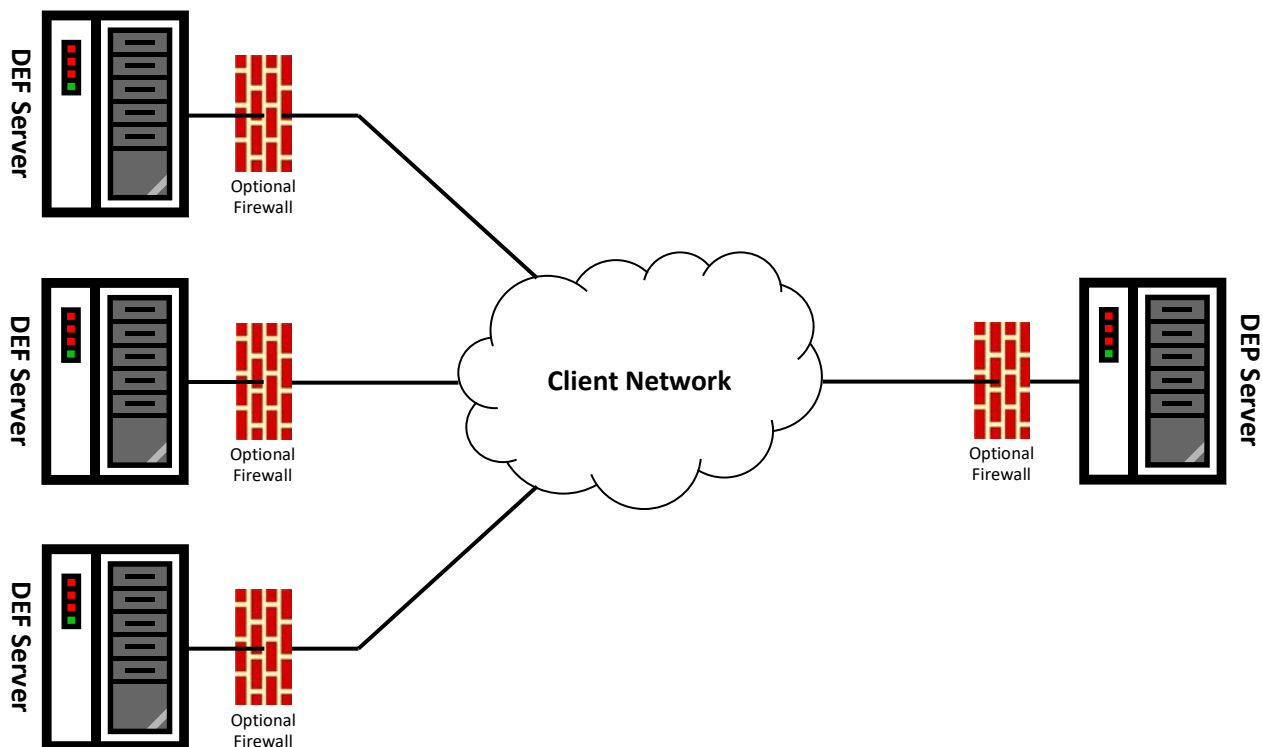
Any differences between Flashback, *BodyVISION*, *BWX-100*, and *VIEVU* DVRs are clearly noted in this documentation. For additional information on your particular DVR, refer to that DVR’s User Guide, which is available for download from our Online Support Center (see *Online Support* link under *Bookmarks*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

For more information, see:

- Forwarding Videos to DEP, below
- User Roles, next page
- Permissions, next page
- Logging into the System for the First Time, page 4
- Changing Your Password, page 5
- DEF Home Page, page 6
- Definitions, page 8
- Software Navigation, page 10
- Interview Room, page 12
- Using the Online Help System, page 12.

Forwarding Videos to DEP

During night processing, DEF automatically forwards all newly ingested videos to the DEP server. This process does not require any action on your part. A copy of these videos will remain on your DEF server until those videos “age out”. The exact lifecycle for a video is determined by several factors, including the video’s category and your Online Life-Cycle settings.



User Roles

In DEF, 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 DEF, the system will grant him access to various system functions according to the user role that's assigned to his User ID. Your System Administrator is 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 DEF. They include:

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

These roles are customizable. Your System Administrator 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 your System Administrator can create and then assign any number of permissions to. You can add, change, or delete custom user roles as desired.

Permissions



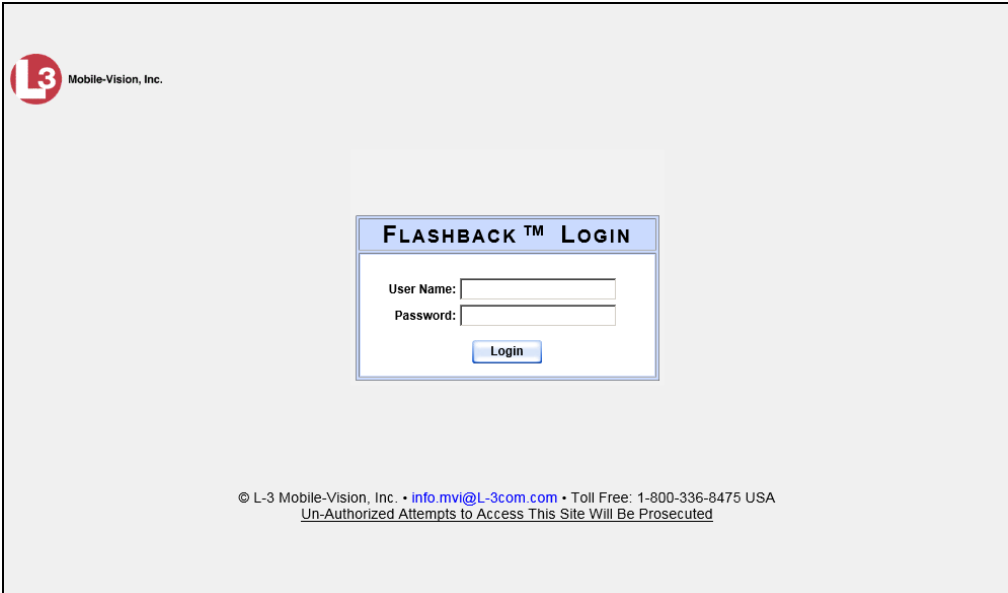
At system start-up, your System Administrator will determine which options he wants his users to have access to. This means that you will be able to perform some, but possibly not all, of the tasks described in this guide. Whenever you see the 'P' icon next to a procedure, it indicates that you must have the proper permissions to perform that task. If you cannot perform a function that you want or need access to, speak with your System Administrator.

Logging into the System for the First Time

This section describes how to login to the Flashback application. During installation, your System Implementation Specialist (SIS) will provide you with the following login information:

- URL needed to access your DEF server
- User ID
- DEF User Password (if needed)*

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



If your organization is using the Active Directory Interface, a field labeled *Domain* will also display beneath the *Password* field.

- 2 Enter your user name in the *User Name* field.
- 3 Enter your security password in the *Password* field.
 - ⇒ If your organization is using the Active Directory Interface, this is the same password that you use to login to your regular Windows network or Novell eDirectory.
 - ⇒ If your organization is *not* using the Active Directory Interface, this is the initial password that your System Administrator provided you with.
- 4 If the *Domain* field appears on your screen, proceed to the next step. Otherwise skip to step 6.

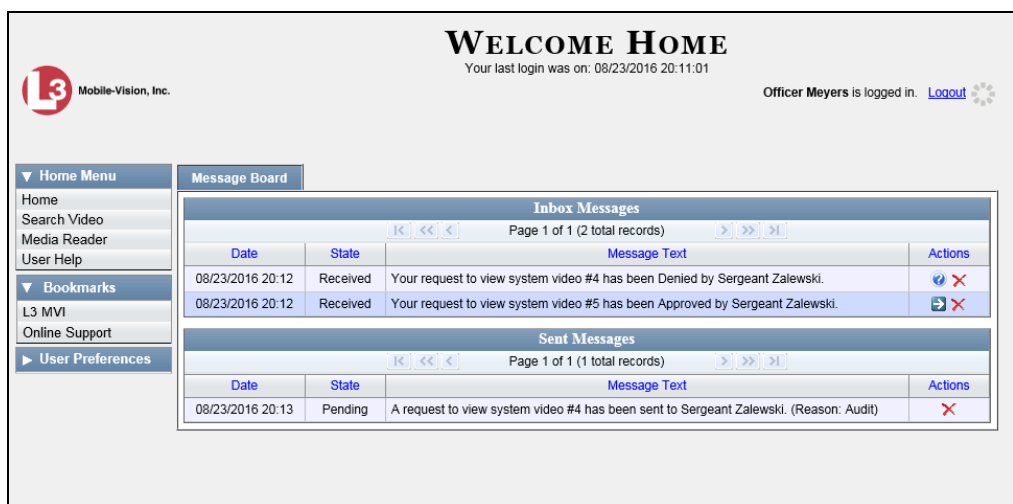
* If your organization is using the Active Directory Integration feature, you will not need a new password for DEF, as the application will be integrated with your existing Windows Active Directory or Novell eDirectory.

- 5 Select the correct domain name from the *Domain* drop-down list. If you aren't sure which domain to select, ask your System Administrator.








The image shows a login form titled "FLASHBACK™ LOGIN". It contains three input fields: "User Name" with the value "wSchirmer", "Password" with masked characters, and "Domain" with a dropdown menu showing "mvi-qa". A red box highlights the "Domain" dropdown. Below the fields is a "Login" button.

- 6 Click the **Login** button *or* press **Enter**. The DEF Home Page displays.



The screenshot shows the DEF Home Page. At the top, it says "WELCOME HOME" and "Your last login was on: 08/23/2016 20:11:01". The user "Officer Meyers" is logged in, with a "Logout" link. On the left is a "Home Menu" with options like Home, Search Video, Media Reader, User Help, Bookmarks, L3 MVI, Online Support, and User Preferences. The main content area shows a "Message Board" with two tables: "Inbox Messages" and "Sent Messages".

Date	State	Message Text	Actions
08/23/2016 20:12	Received	Your request to view system video #4 has been Denied by Sergeant Zalewski.	 
08/23/2016 20:12	Received	Your request to view system video #5 has been Approved by Sergeant Zalewski.	 

Date	State	Message Text	Actions
08/23/2016 20:13	Pending	A request to view system video #4 has been sent to Sergeant Zalewski. (Reason: Audit)	

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

Changing Your Password

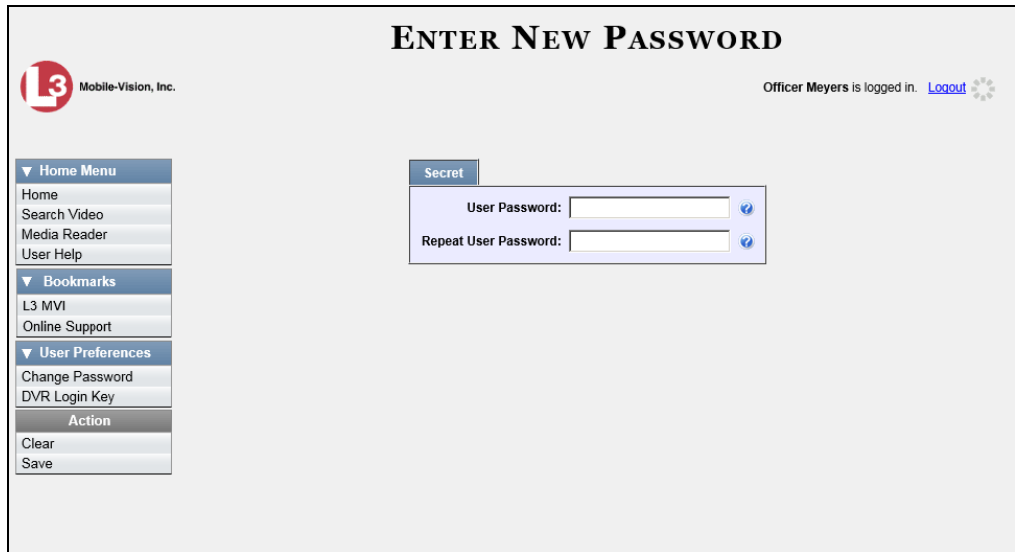
Unless your agency is using the Active Directory Integration feature, you should change your password the first time you login to DEF, as described below.

Your System Administrator will provide you with any password requirements, such as minimum length, characters required, etc.

Please note that passwords are case-sensitive.

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

(Continued)



- 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.

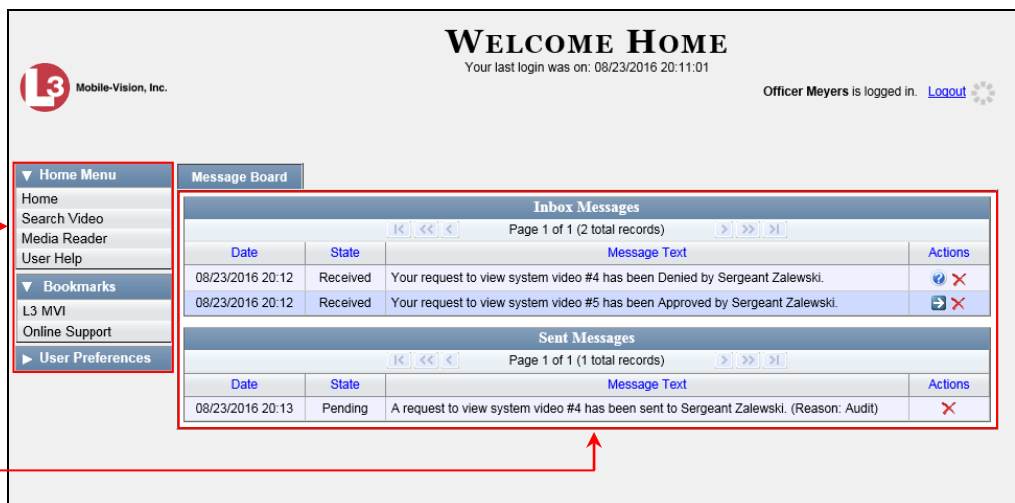
Password has been updated

DEF 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 system messages








Message Board

Whenever you login to DEF, the Message Board displays. The Message Board displays system messages. As an administrative user, you will see messages related to system problems and administrative functions. If you select the *All Messages* radio button, you will also see all messages that the system sent to other DEF users.

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

- Queued.* The system has placed the job in a queue, which is a waiting list of system jobs.
- Working.* The system is processing the job.
- Completed.* The system has processed the job.
- Failed.* The job 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 below.

Icon	Description
	Play quarantined video
	Delete a system message
	View video details
	Accept quarantined video into the system
	Reject (i.e., delete) quarantined video

Main Menu

▼ Home Menu	
Home	← View system messages
Search Video	← Search for video; play video
Media Reader	← Upload video from a storage card or other external device to DEF permissions required)
User Help	
▼ 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 DEF login password
DVR Login Key	← Transfer your Flashback login information to a USB flash drive

View online help system →

Definitions

This section describes some of the key terms and concepts that are central to the DEF 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 DEF software, so it's important to understand what each hardware component is and how it relates to the evidence collection system as a whole.

DEF Server

The DEF server is the network computer that hosts the DEF application and stores all of your video data.

DEP Server

The DEP server is the “parent” server to which DEF forwards videos after they are ingested by DEF. Unlike DEF, DEP has the case management feature and disc burning capabilities.

Flashback DVRs

Flashback DVRs are the digital video recorders that are installed inside your precinct's patrol cars and/or interview room(s). These recorders collect video evidence and store it temporarily on a storage card until the video can be transmitted to the DEF server. 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 the DEF server 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**.

Access Point

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

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

See also “Transmission” below.

Transmission

Transmission refers to the process of transferring Flashback video files from your in-car DVR to the DEF server. 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 DEF server via the access point.
- ❑ *Manual transmission.* Each Flashback DVR holds a temporary storage device called an *SD card* (Flashback3/FlashbackHD) or *CF card* (Flashback1/Flashback2). This card is used to temporarily store an officer’s videos until they can be transferred to the DEF server. If necessary, an officer can use this card to *manually* transfer videos to their PC, assuming he has the proper permissions. An officer would typically use this procedure if he can’t wait for an automatic file transfer to occur, or a problem has occurred that interfered with the wireless file transfer. For more information, see “Manually Uploading New Videos” in chapter 2.

Software Concepts

User Metadata (UMD)

User Metadata or “UMD” refers to custom data fields that you can link to a video. Your System Administrator defines these fields through the DEF application. 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 DEF server. For more information, see “Adding Predefined User Metadata to a Video” in chapter 2.

Offline Files

If the status of a video is “offline,” it indicates that some, but not all, of that video’s data or functions are available on the DEF server.

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.

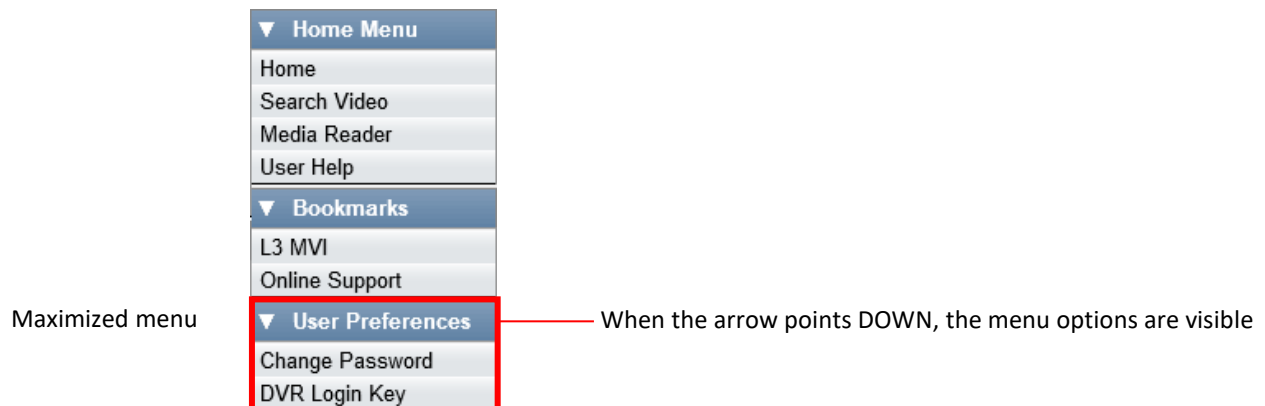
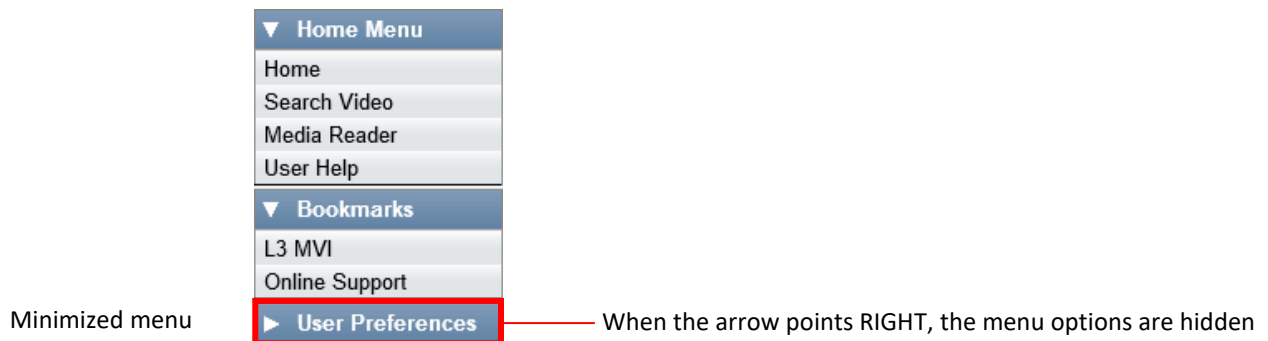
Software Navigation

When you first login to DEF, you will notice three menus on the far left of your screen: *Home Menu*, *Bookmarks*, and *User Preferences*. These menus are the starting point for all DEF functions. By default, the Home Menu (1) and Bookmarks menus (2) are *maximized* (open) upon login and the User Preferences menu (3) is *minimized* (closed).






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.



Scrolling Through Multiple Records

Whenever you search for records in the application (videos, 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 here.


VIDEO SEARCH RESULTS

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

	Videos							
	Page 1 of 1 (5 total records)							
	<<<	<	>	>>>	🔍			
	Details	Play	Owner	DVR Name	Duration	Category	Video Start ▼	Notes
		Officer Meyers	Unit 03	0 min	Body Worn	10/26/2015 12:27		
		Officer Meyers	Unit 01	0 min	Body Worn	10/25/2015 13:33		
		Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 21:02		
		Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 18:10		
		Officer Meyers	Unit 02	16 min	No Citation	02/27/2014 07:10		

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

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 DEF 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.

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

Using the Online Help System

DEF 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  and click **User Help**.



WELCOME HOME
Your last login was on: 08/23/2016 20:11:01
Officer Meyers is logged in. [Logout](#)

Home Menu

- Home
- Search Video
- Media Reader
- User Help**

Bookmarks

- L3 MVI
- Online Support

User Preferences

Message Board

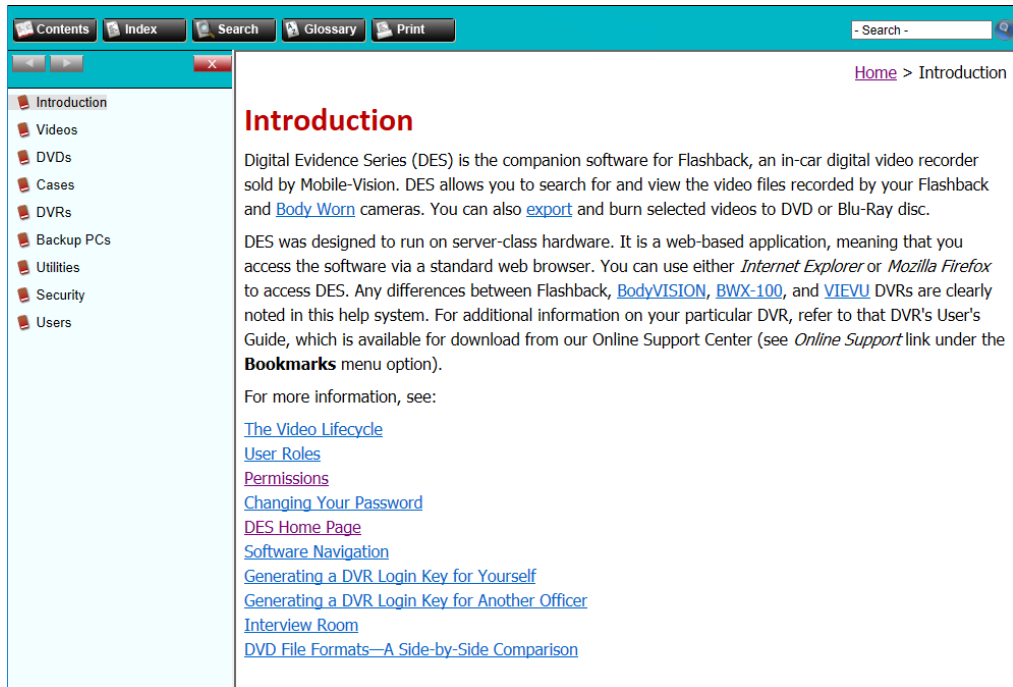
Inbox Messages
Page 1 of 1 (2 total records)

Date	State	Message Text	Actions
08/23/2016 20:12	Received	Your request to view system video #4 has been Denied by Sergeant Zalewski.	
08/23/2016 20:12	Received	Your request to view system video #5 has been Approved by Sergeant Zalewski.	

Sent Messages
Page 1 of 1 (1 total records)

Date	State	Message Text	Actions
08/23/2016 20:13	Pending	A request to view system video #4 has been sent to Sergeant Zalewski. (Reason: Audit)	

The Help Contents page displays.



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 user metadata.

The Flashback videos that an officer captures during each shift are automatically transmitted to the DEF server 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 after an officer places the Body Worn camera in a docking station that’s connected to the server.

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

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

Unless otherwise noted, all 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 25
- Displaying a Video, page 29
- Displaying a Snapshot, page 44
- Playing a Video, page 49
- Exporting a Video Frame, page 62
- Changing a Video’s Category, page 65
- Adding Predefined User Metadata to a Media File, page 67
- Adding Predefined Video Notations to a Media File, page 67
- Tagging, page 68
- Generating a Chain of Custody Report for a Media File, page 70
- Manually Uploading Flashback Videos, page 72.

* Includes BodyVISION and BWX-100 cameras

Searching for Videos

You can search for videos by a number of different criteria. DEF 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▪ Speed Greater Than▪ UMD▪ Incident #

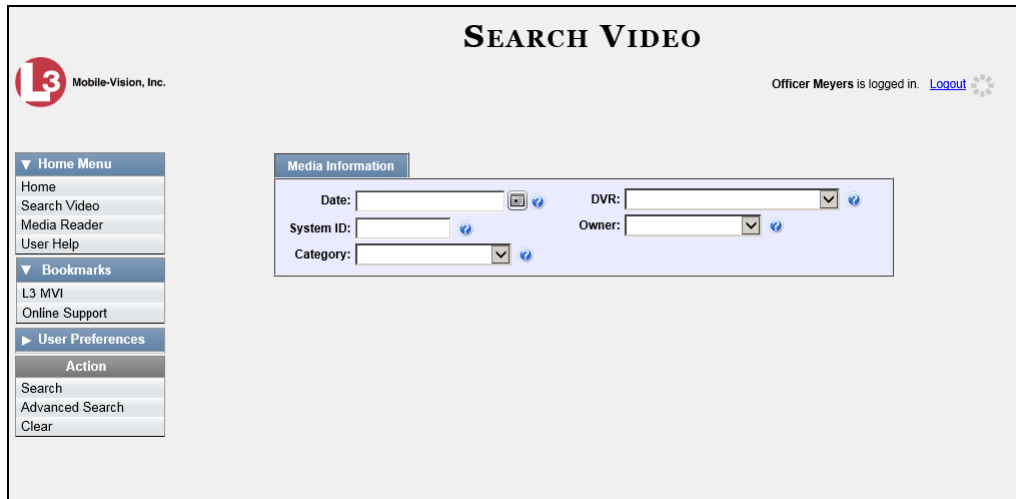
For specific instructions, see:

- Performing a Basic Video Search, below
- Performing an Advanced Video Search, page 20.

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  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 31. <i>Select this value from the drop-down list.</i>
System ID	Limits your search to a video in which the System ID (also termed <i>System Video Number</i>) is equal to this value. For more information, see <i>System ID</i> in the table on page 30.
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 30. <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 31. <i>Select this value from the drop-down list.</i> If you are searching for a VIEVU video, select VieVu . If you are searching for a BodyVISION video or snapshot, select Body Worn .


(Continued)

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 20.
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.


Officer Meyers is logged in. [Logout](#)

VIDEO SEARCH RESULTS


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			Officer Meyers	Unit 03	0 min	Body Worn	10/26/2015 12:27	
User Help			Officer Meyers	Unit 01	0 min	Body Worn	10/25/2015 13:33	
Bookmarks			Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 21:02	
L3 MVI			Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 18:10	
Online Support			Officer Meyers	Unit 02	16 min	No Citation	02/27/2014 07:10	
User Preferences								
Action								
New Search								

The example above shows the default columns for the Video Search Results page. If your System Administrator has customized this screen, different columns may display.


For a detailed description of the components on this page, see “Viewing Video Search Results” on page 25.

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.

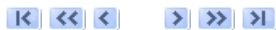
- Go to the column heading you wish to sort by*:

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 scan 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 Video list. A row of search fields displays.

VIDEO SEARCH RESULTS


Officer Meyers is logged in. [Logout](#)

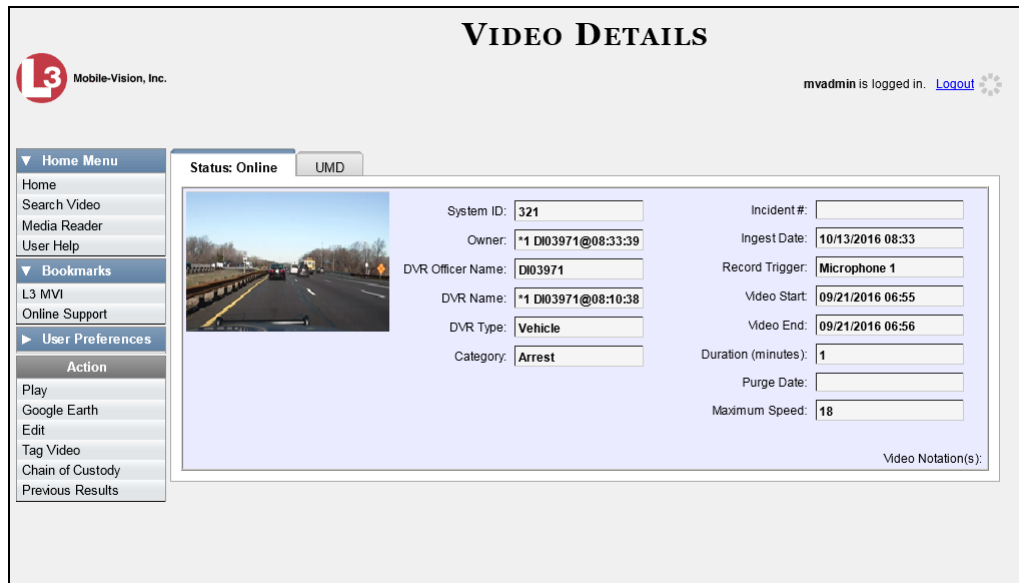
Home Menu		Videos						
Home	Page 1 of 1 (5 total records)							
Search Video	Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
User Help	i	Restricted	Officer Meyers	Unit 03	0 min	Body Worn	10/26/2015 12:27	▶
Bookmarks	i		Officer Meyers	Unit 01\	0 min	Body Worn	10/25/2015 13:33	▶
L3 MVI	i		Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 21:02	▶
Online Support	i		Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 18:10	▶
User Preferences	i		Officer Meyers	Unit 02	16 min	No Citation	02/27/2014 07:10	▶
Action								
New Search								

- 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.

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

(Continued)

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



For a detailed description of the components on this page, see the table beginning on page 30.

Performing an Advanced Video Search

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

- | | |
|--|---|
| <input type="checkbox"/> After Date | <input type="checkbox"/> Tagged |
| <input type="checkbox"/> Before Date | <input type="checkbox"/> Status |
| <input type="checkbox"/> DVR | <input type="checkbox"/> Record Trigger |
| <input type="checkbox"/> DVR Type | <input type="checkbox"/> Latitude |
| <input type="checkbox"/> Body Worn Mode* | <input type="checkbox"/> Longitude |
| <input type="checkbox"/> System ID | <input type="checkbox"/> Speed Greater Than |
| <input type="checkbox"/> Owner | <input type="checkbox"/> UMD |
| <input type="checkbox"/> Category | <input type="checkbox"/> Incident # |

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

* Only displays if you select a *DVR Type* value of **Body Worn**

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 31. <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 (also termed <i>System Video Number</i>) is equal to this value. For more information, see <i>System ID</i> in the table on page 30.
Body Worn Mode	Limits your search to <i>BodyVISION</i> videos, <i>BodyVISION</i> 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>
Category	Limits your search to those videos that fall within this category. For more information, see <i>Category</i> in the table on page 31. <i>Select this value from the drop-down list.</i> If you are searching for a VIEVU video, select VieVu . If you are searching for a <i>BodyVISION</i> video or snapshot, select Body Worn .
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 30. <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 DEF server and you can play it directly off of the server. If a video is <i>offline</i> , it means that it has been purged from DEF due to its age, category, and/or other system settings. You may still be able to view <i>some</i> of an offline video's information (owner, category, duration, etc.), but not the video itself. <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 68. <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 34. <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.</i> The <i>Player Display GPS</i> permission is required to search on this field.















Advanced Search Form (cont'd)	
Search Field	Description
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.</i> The <i>Player Display GPS</i> permission is required to search on this field.
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.
Incident #	Limits your search to those videos in which the Incident number contains these digits.
UMD	Limits your search to videos that contain this user metadata.
Available Actions	
Action	Description
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 16.
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.

(Continued)

VIDEO SEARCH RESULTS

 Mobile-Vision, Inc. Officer Meyers 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				Officer Meyers	Unit 03	0 min	Body Worn	10/26/2015 12:27	
User Help				Officer Meyers	Unit 01\	0 min	Body Worn	10/25/2015 13:33	
Bookmarks				Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 21:02	
L3 MVI				Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 18:10	
Online Support				Officer Meyers	Unit 02	16 min	No Citation	02/27/2014 07:10	
User Preferences									
Action									
New Search									

The example above shows the default columns for the Video Search Results page. If your System Administrator has customized this screen, different columns may display.


For a detailed description of the components on this 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 scan 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.

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

VIDEO DETAILS


mvadmin is logged in. [Logout](#)

▼ Home Menu

Home

Search Video

Media Reader

User Help

▼ Bookmarks

L3 MVI

Online Support

► User Preferences

Action

Play

Google Earth


Edit

Tag Video

Chain of Custody

Previous Results

Status: Online UMD



System ID:

Owner:

DVR Officer Name:

DVR Name:

DVR Type:

Category:

Incident #:

Ingest Date:

Record Trigger:

Video Start:

Video End:

Duration (minutes):

Purge Date:

Maximum Speed:

Video Notation(s):

For a detailed description of the components on this page, see the table beginning on page 30.

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 16 and “Performing an Advanced Video Search” on page 20.

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.

VIDEO SEARCH RESULTS


Officer Meyers is logged in. [Logout](#)

▼ Home Menu

Home

Search Video

Media Reader

User Help

▼ Bookmarks

L3 MVI

Online Support


► User Preferences

Action

New Search




Videos

Page 1 of 1 (5 total records)


	Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
			Officer Meyers	Unit 03	0 min	Body Worn	10/26/2015 12:27	
			Officer Meyers	Unit 011	0 min	Body Worn	10/25/2015 13:33	
			Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 21:02	
			Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 18:10	
			Officer Meyers	Unit 02	16 min	No Citation	02/27/2014 07:10	 

The example above shows the default columns for the Video Search Results page. If









your System Administrator has customized this screen, different columns may display. The other components of the Video Search Results page are described below.

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 narrow your search results even further (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 30. <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 31. <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 31. <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>

* Basic Search only.

Default Video Information	
Column	Description
Details	The View Video Details icon. Used to open 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 30.
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 31.
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.
Category	The category assigned to this video. For more information, see <i>Category</i> in the table on page 31.
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 68.  The video file is <i>online</i>. This means that all of the file's information is currently available for viewing on the DEF server. If this icon does <i>not</i> display, it indicates that the video is <i>offline</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 37.  The video file is assigned to a case. For more on cases, see chapter 4.  The video record includes one or more snapshot still images. <i>Applies to Body Worn videos only.</i>

(Continued)

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. This person may or may not be the same as the video <i>Owner</i> . If no one was logged into 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 Type	The type of DVR that captured this video: <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.
Incident #	The agency incident number associated with this video.
Ingest Date	The date and time at which this video file transmitted to the server from the DVR unit. Displays in mm/dd/yyyy hh:mm format.
Record Trigger	The event that caused your Flashback DVR to start recording. For a list of record triggers, see page 34.
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.
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 44 instead.

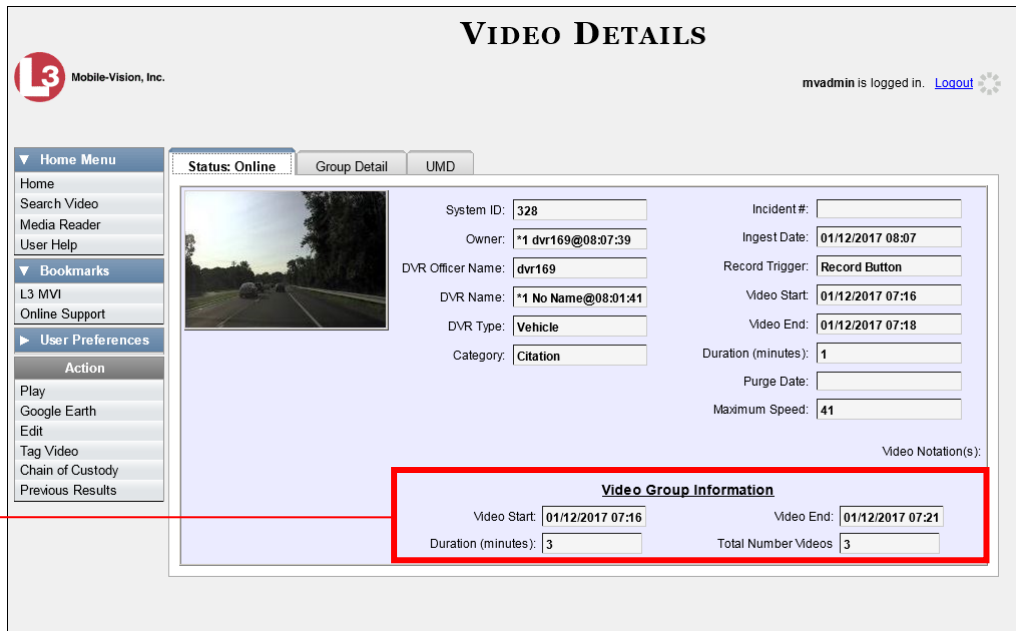
- 1 Perform a basic or advanced search, as described in “Searching for Videos” on page 16. The Video Search Results page displays.



VIDEO SEARCH RESULTS							
 Mobile-Vision, Inc.		Officer Meyers is logged in. Logout					
Videos							
Page 1 of 1 (5 total records)							
Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
		Officer Meyers	Unit 03	0 min	Body Worn	10/26/2015 12:27	
		Officer Meyers	Unit 01\	0 min	Body Worn	10/25/2015 13:33	
		Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 21:02	
		Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 18:10	
		Officer Meyers	Unit 02	16 min	No Citation	02/27/2014 07:10	

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

(Continued)



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

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

Status: Online | Group Detail | UMD

System ID: 328 | Incident #: |
 Owner: *1 dvr169@08:07:39 | Ingest Date: 01/12/2017 08:07
 DVR Officer Name: dvr169 | Record Trigger: Record Button
 DVR Name: *1 No Name@08:01:41 | Video Start: 01/12/2017 07:16
 DVR Type: Vehicle | Video End: 01/12/2017 07:18
 Category: Citation | Duration (minutes): 1
 Purge Date: | Maximum Speed: 41

Video Notation(s):

Video Group Information

Video Start: 01/12/2017 07:16 | Video End: 01/12/2017 07:21
 Duration (minutes): 3 | Total Number Videos: 3

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

The information on the Video Details page is described below.

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.</p> <p>If an owner name starts with *1, it means 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. 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 their 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 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.

Status Tab (cont'd)	
Field	Description
Owner (cont'd)	If necessary, your System Administrator can reassign a *1 video to its proper owner.
DVR Officer Name	The name of the officer who was logged into 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 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.</p> <p>If the DVR is <i>newly discovered</i> * and has a name that is identical to an existing DVR on the server, 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 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.
Category	The category assigned to this video. A video’s category determines the order in which it transmits to the server. Videos will transmit in the order in which they are listed on the Categories tab, as illustrated on the next page. <i>(Continued)</i>

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

Status Tab (cont'd)																																									
Field	Description																																								
Category (cont'd)	<div style="border: 1px solid #ccc; padding: 5px;"> <div style="border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Precinct System Security Video Modules DVR Firmware </div> <div style="border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Videos </div> <div style="border-bottom: 1px solid #ccc; margin-bottom: 5px;"> Categories Notations </div> <div style="border: 1px solid #ccc; padding: 5px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5" style="background-color: #4f81bd; color: white;">Video Categories</th> </tr> <tr> <th colspan="5" style="text-align: center;">Page 1 of 2 (21 total records)</th> </tr> <tr> <th style="text-align: left;">Description</th> <th style="text-align: left;">Day(s) Online</th> <th style="text-align: left;">In Use</th> <th colspan="2" style="text-align: left;">Backup Enabled</th> </tr> </thead> <tbody> <tr> <td>No Citation</td> <td>transmits first</td> <td>30 days</td> <td>true</td> <td>Disabled</td> </tr> <tr> <td>Citation</td> <td>transmits second</td> <td>30 days</td> <td>true</td> <td>Disabled</td> </tr> <tr> <td>Search</td> <td>transmits third</td> <td>90 days</td> <td>true</td> <td>Enabled</td> </tr> <tr> <td>Arrest</td> <td>transmits fourth</td> <td>90 days</td> <td>true</td> <td>Enabled</td> </tr> <tr> <td>Other</td> <td>transmits fifth</td> <td>90 days</td> <td>true</td> <td>Enabled</td> </tr> </tbody> </table> </div> </div> <p>A video's category also determines its <i>online life</i>. Your System Administrator assigns a number of online days to each category. 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 DEF. If the <i>Strict Purger</i> option is <i>not</i> selected, the system will purge a video from DEF after two conditions are met:</p> <ol style="list-style-type: none"> 1) the video reaches its category's predetermined age, and 2) the server needs the extra disk space to store other, higher priority data. <p>Most 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, as described in "Changing a Video's Category" on page 65. The default video categories that you can assign to a video are: <i>No Citation</i>, <i>Citation</i>, <i>Search</i>, <i>Arrest</i>, <i>Other 1 – 5</i>.</p> <p>Your System Administrator assigns a number of online days to each category. has the option of customizing these default category names to meet your agency's needs.</p> <p>The following categories are assigned automatically by the system:</p> <ul style="list-style-type: none"> ▪ <i>Background Mode</i>. A recording session occurred when the Background Mode option was set to ON. When Background Mode is on, it means that the DVR records continuously whenever the vehicle's ignition is on, and for X* number of minutes after the ignition is turned off. ▪ <i>Power Failure</i>. A recording session was interrupted after a power failure occurred.▪ 	Video Categories					Page 1 of 2 (21 total records)					Description	Day(s) Online	In Use	Backup Enabled		No Citation	transmits first	30 days	true	Disabled	Citation	transmits second	30 days	true	Disabled	Search	transmits third	90 days	true	Enabled	Arrest	transmits fourth	90 days	true	Enabled	Other	transmits fifth	90 days	true	Enabled
Video Categories																																									
Page 1 of 2 (21 total records)																																									
Description	Day(s) Online	In Use	Backup Enabled																																						
No Citation	transmits first	30 days	true	Disabled																																					
Citation	transmits second	30 days	true	Disabled																																					
Search	transmits third	90 days	true	Enabled																																					
Arrest	transmits fourth	90 days	true	Enabled																																					
Other	transmits fifth	90 days	true	Enabled																																					

* Where X = the Ignition Timer setting. For more information, see "Programming the Ignition Timer" in your Flashback2/3/HD User's Guide.

Status Tab (cont'd)	
Field	Description
Category (cont'd)	<ul style="list-style-type: none"> ▪ <i>Interrupted Recording.</i> A recording session was interrupted because the SD card (Flashback3/FlashbackHD) or CF card (Flashback2) was full. ▪ <i>Interview.</i> The video was captured using the optional <i>Interview Room</i> module, which is used to record interviews at your precinct. ▪ <i>Body Worn.</i> The video was captured using a <i>Body-VISION</i> or BWX-100 Body Worn camera. ▪ <i>VieVu.</i> The video was captured using a VIEVU Body Worn camera. ▪ <i>Firmware Upgrade.</i> An officer requested a DVR firmware upgrade in the middle of a recording session (highly 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 (highly unlikely scenario). ▪ <i>Corrupt QBX.</i> The system detected a possible file corruption in a Flashback2, Flashback3, FlashbackHD, or <i>BodyVISION</i> video (highly unlikely scenario). ▪ <i>Crash Battery Died.</i> The CrashBat battery failed during a recording session. The CrashBat is an optional piece of hardware used to trigger the RECORD function after a car crash occurs. ▪ <i>Aggressive Driving.</i> The optional "Aggressive Driving" add-on detected aggressive driving in the officer's vehicle during a recording session. The Aggressive Driving module includes both a hardware and firmware component. If you are interested in purchasing this product, please contact Mobile-Vision Sales. ▪ <i>Unknown.</i> A 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. ▪ Note: System-assigned categories cannot be changed.
Incident #	The agency incident number associated with this video, if applicable.

(Continued)

Status Tab (cont'd)	
Field	Description
Ingest Date	The date and time at which this video file was transmitted to the server 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 as 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. ▪ <i>Microphone 2.</i> An officer activated the <i>Record</i> 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 set by your System Administrator.
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> or <i>BWX-100</i> snapshot.
Purge Date	The date on which the video is scheduled to be removed (i.e., purged) from the DEF server.
Maximum Speed	<p>The highest vehicle speed that was reached during this Flashback recording. If you do not have the <i>Display MAX Speed</i> permission, this field will not display.</p> <p>If the video was recorded by a Body Worn camera, this field will not display.</p>

Status Tab (cont'd)	
Video Group Information*	
Field	Description
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.
Available Actions	
Action	Description
Play	Play the video. For more information, see “Playing a Video” on page 49.
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 tracepoints, if applicable. For more information, see “Viewing a Video in Google Earth” on page 39. If you do <i>not</i> have Google Earth installed on your PC, this action will not display.
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 65, “Adding Predefined User Metadata to a Media File” on page 67, and/or “Adding Predefined Video Notations to a Media File” on page 67.
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.
Chain of Custody	Generate a Chain of Custody report for this video. For more information, see “Generating a Chain of Custody Report for a Video” on page 70.

(Continued)

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

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.

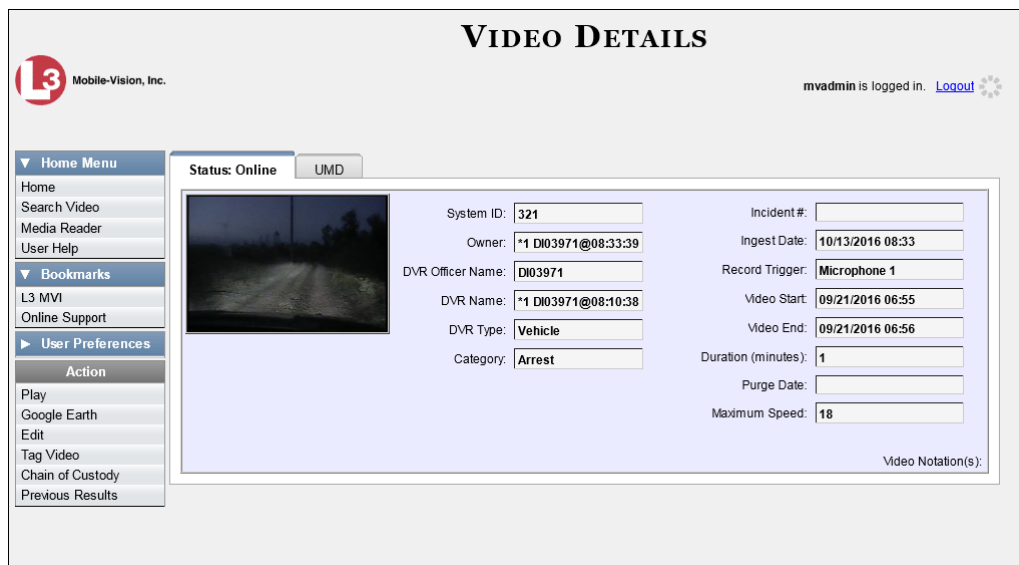
To view other information associated with this video, see:

- Viewing a Video’s User Metadata, below, beginning with step 2
- Viewing a Video’s Group Information, page 37, beginning with step 2
- Viewing a Video in Google Earth, page 39, beginning with step 2
- Viewing a Video’s Snapshots (*BodyVISIONs* and *BWX-100s* only), page 41, beginning with step 2.

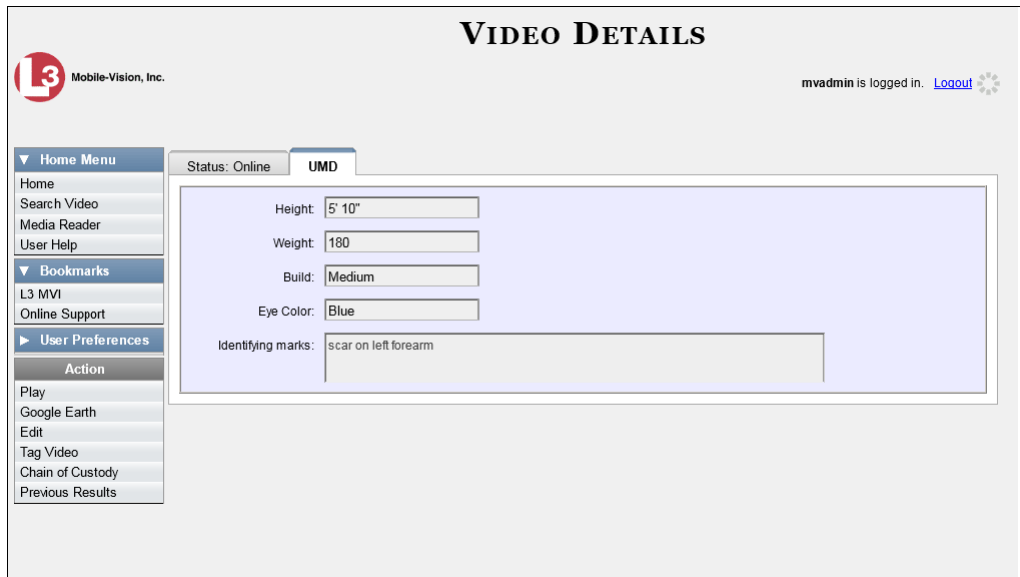
Viewing a Video’s User Metadata

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. Your System Administrator defines these fields.

- 1 Search for and display the video you wish to view. (If necessary, review “Displaying a Video” on page 29.) The Video Details page displays.



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

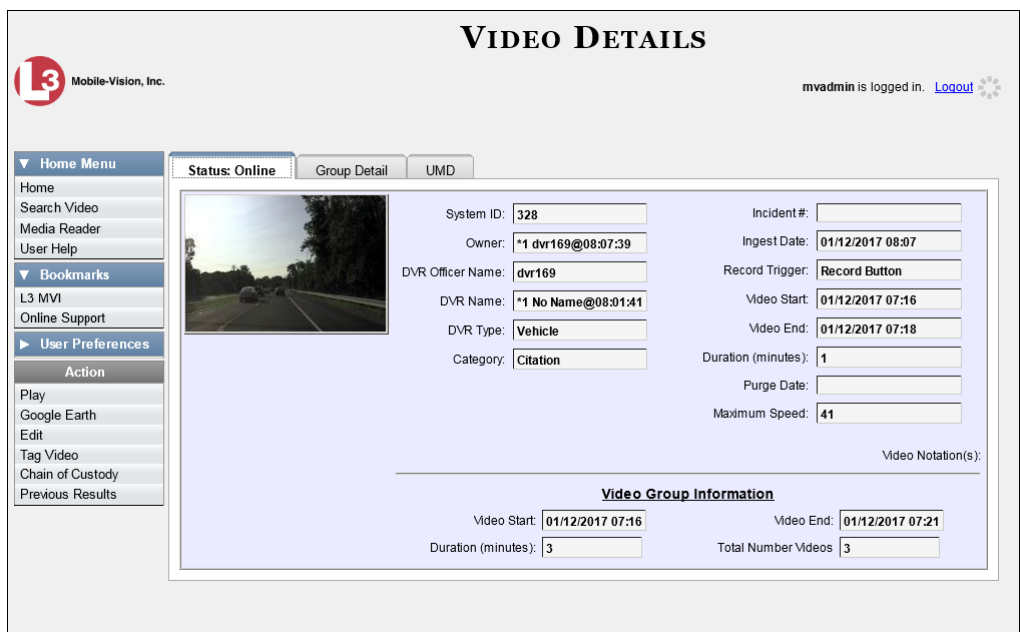


Because user metadata is custom-defined by your System Administrator, your screen view may differ from the one pictured here.

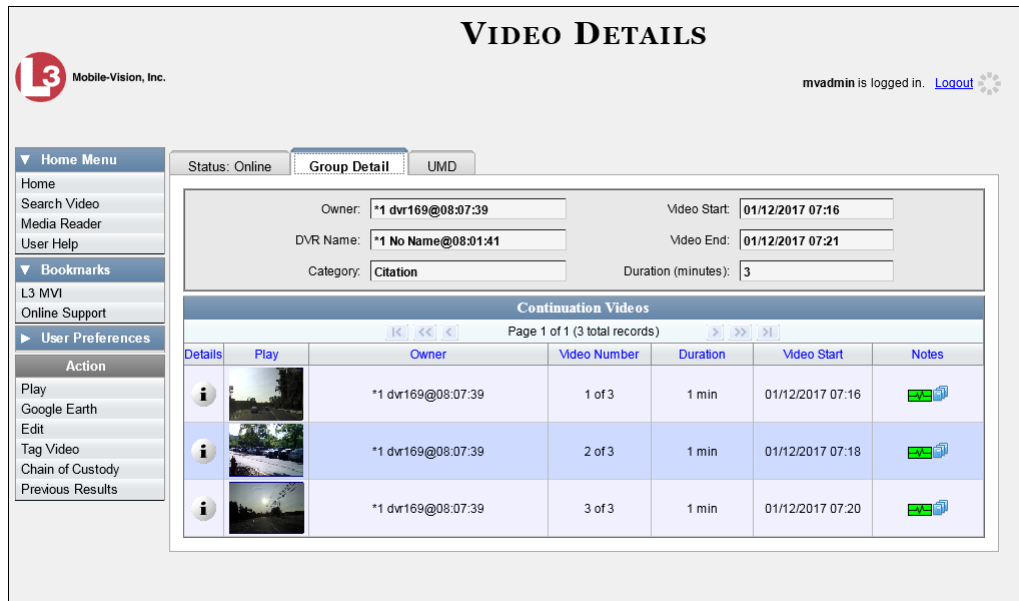
Viewing a Video's Group Information

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 DVR divided the 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 29.) The Video Details page displays.



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



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
Action

Play
Google Earth
Edit
Tag Video
Chain of Custody
Previous Results

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

Owner: *1 dvr169@08:07:39 Video Start: 01/12/2017 07:16
DVR Name: *1 No Name@08:01:41 Video End: 01/12/2017 07:21
Category: Citation Duration (minutes): 3

Continuation Videos
Page 1 of 1 (3 total records)

Details	Play	Owner	Video Number	Duration	Video Start	Notes
		*1 dvr169@08:07:39	1 of 3	1 min	01/12/2017 07:16	
		*1 dvr169@08:07:39	2 of 3	1 min	01/12/2017 07:18	
		*1 dvr169@08:07:39	3 of 3	1 min	01/12/2017 07:20	

The fields on the **Group Detail** tab are described below.

Group Detail Tab	
Field	Description
Owner	The name of the officer who created the original full-length video. For more information, see <i>Owner</i> in the table on page 30.
DVR Name	The name of the DVR that recorded the original full-length video. For more information, see <i>DVR Name</i> in the table on page 31.
Category	The video category assigned to the original full-length video. For a description of this field's values, see page 31.
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 open 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 each icon, see page 27.

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 tracepoints, if applicable. To accomplish this, the system downloads GPS data into a KML file format that can be read by Google Earth.

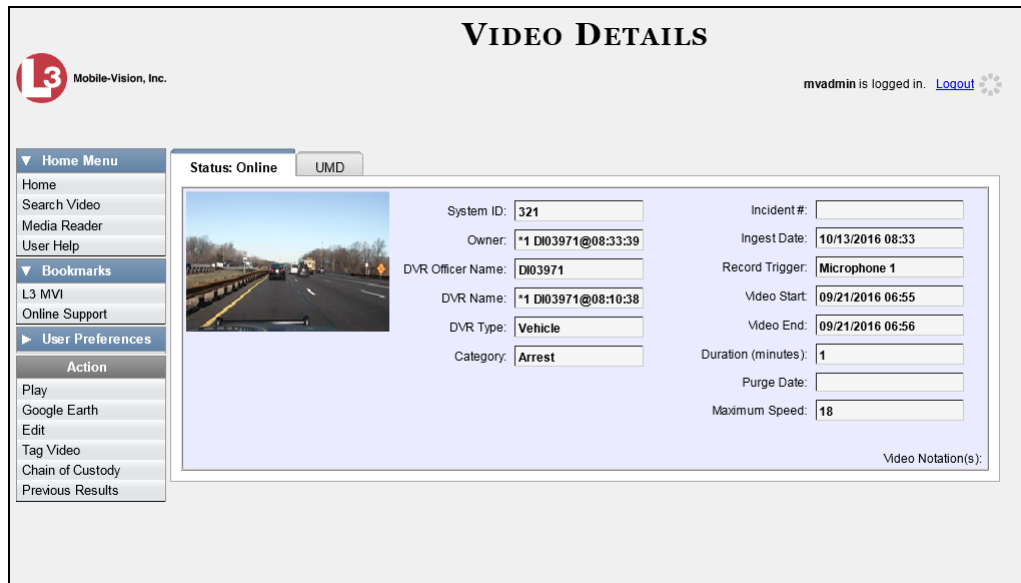
You can download and install Google Earth from the internet by going to:
<http://www.google.com/earth/download/ge/agree.html>



You must have the proper permissions to perform this task. For more information, contact your System Administrator.

- 1 Search for and display the video you wish to view in Google Earth. (If necessary, review “Displaying a Video” on page 29.) The Video Details page displays.

(Continued)



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.



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

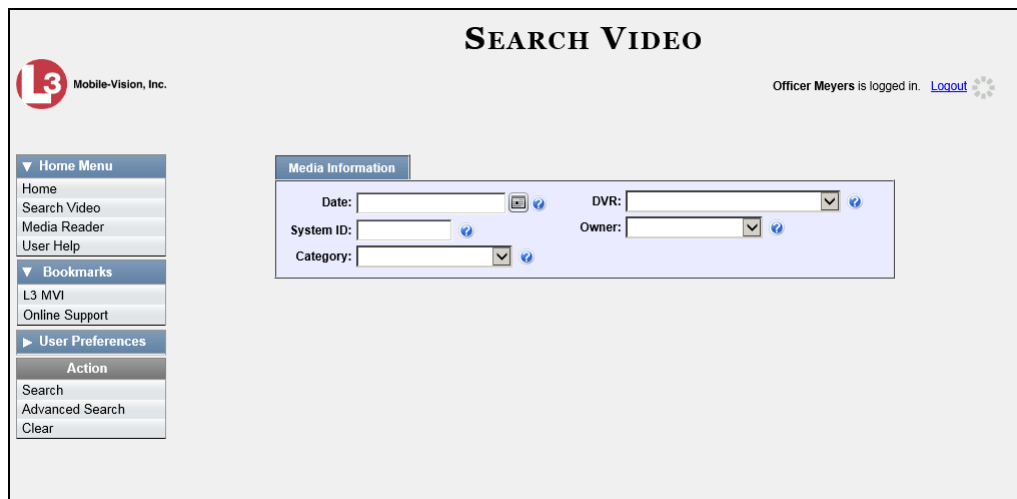
* If Google Earth does not display, it indicates that you either lack the proper permissions to perform this task or you do not have the Google Earth application installed on your PC.

- 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

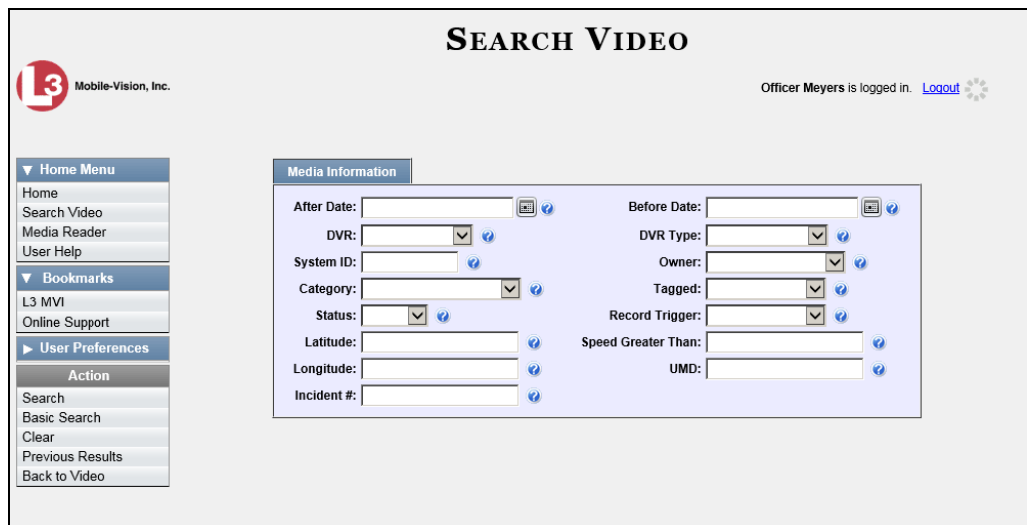
This section describes how to view the snapshot files that are associated with a particular *BodyVISION* or *BWX-100* record. If you wish to view the Details page for an individual snapshot, see “Displaying a Snapshot” on page 44 instead.

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



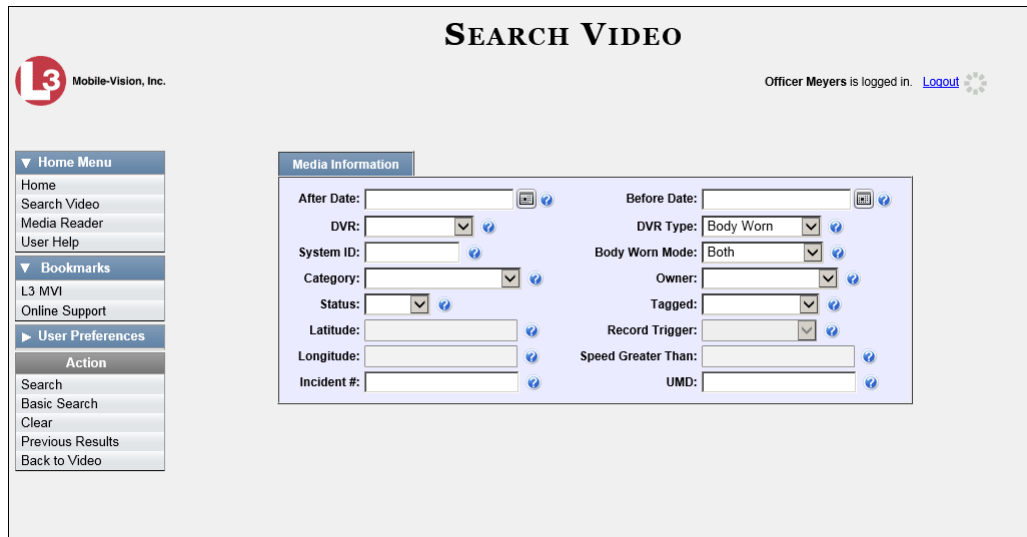
The screenshot shows the 'SEARCH VIDEO' interface. At the top left is the L3 Mobile-Vision, Inc. logo. At the top right, it says 'Officer Meyers is logged in. Logout'. On the left is a navigation menu with 'Home Menu' expanded to show 'Home', 'Search Video', 'Media Reader', and 'User Help'. Below that are 'Bookmarks' (L3 MVI, Online Support), 'User Preferences', and an 'Action' column with 'Search', 'Advanced Search', and 'Clear'. The main area has a 'Media Information' search form with fields for Date, System ID, Category, DVR, and Owner.

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



The screenshot shows the 'SEARCH VIDEO' interface with the 'Action' column expanded to show 'Search', 'Basic Search', 'Clear', 'Previous Results', and 'Back to Video'. The main area has an 'Advanced Search' form with fields for After Date, Before Date, DVR, DVR Type, System ID, Category, Status, Latitude, Longitude, Incident #, Owner, Tagged, Record Trigger, Speed Greater Than, and UMD.

- 3 Select **Body Worn** from the *DVR Type* drop-down list.



SEARCH VIDEO

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

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 If desired, enter/select additional search criteria.
- 5 Go to the **Action** column and click **Search**. All *BodyVISION* and/or *BWX-100* videos that match your selection criteria display on the Video Search Results page.




VIDEO SEARCH RESULTS

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

Videos							
Page 2 of 3 (13 total records)							
Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
		Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:05	
		Officer Meyers	Zack-BV	0 min	Body Worn	08/24/2016 11:05	
		Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:05	
		Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:04	
		Officer Meyers	Unit 03	0 min	Body Worn	10/26/2015 12:27	



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



NOTE: If you see the word **Restricted** instead of the video’s thumbnail image, it means that you lack the required permissions to view that record. For instructions on how to obtain viewing permission, see “Submitting a Request to View a Body Worn Video” on page 58, beginning with step 7.

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

VIDEO DETAILS

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

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

Action
Play
Edit
Tag Video
Chain of Custody
Previous Results

Status: Online | Snapshots | 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):

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

VIDEO DETAILS

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

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

► User Preferences

Action
Play
Edit
Tag Video
Chain of Custody
Previous Results

Status: Online | **Snapshots** | UMD

Snapshots
Page 1 of 1 (3 total records)

Play	Owner	DVR Name	Category	Video Start	Notes
	Officer Meyers	Zack-BV	Body Worn	08/24/2016 11:05:56	
	Officer Meyers	Zack-BV	Body Worn	08/24/2016 11:05:47	
	Officer Meyers	Zack-BV	Body Worn	08/24/2016 11:05:36	

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

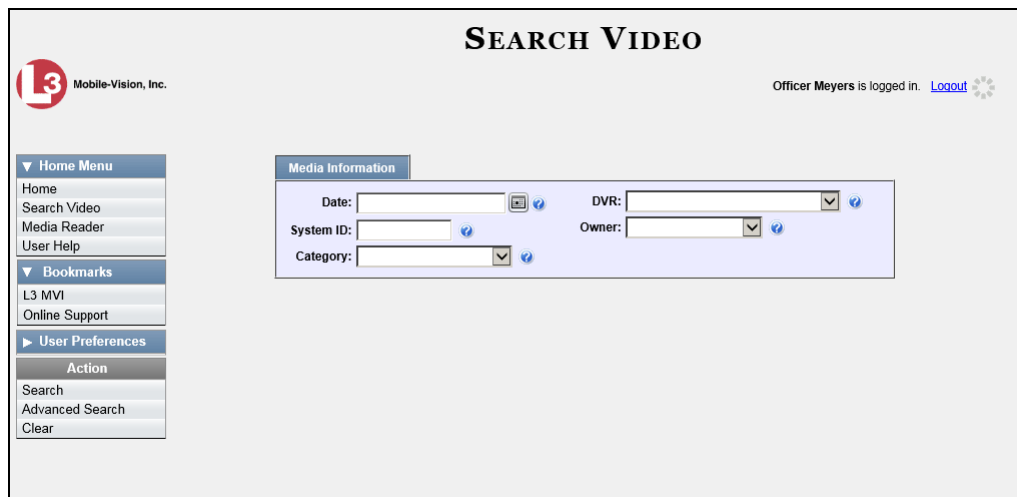
(Continued)

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> or <i>BWX-100</i> device was assigned to at the time the snapshot was captured. For more information, see <i>Owner</i> in the table on page 30.
DVR Name	The name of the <i>BodyVISION</i> or <i>BWX-100</i> device that captured this snapshot. For more information, see <i>DVR Name</i> in the table on page 31.
Category	The video category that is assigned to this snapshot. The system automatically assigns all <i>BodyVISION</i> and <i>BWX-100</i> snapshots a category of <i>Body Worn</i> .
Video Start	The date and time at which the associated <i>Body Worn</i> camera 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 27.

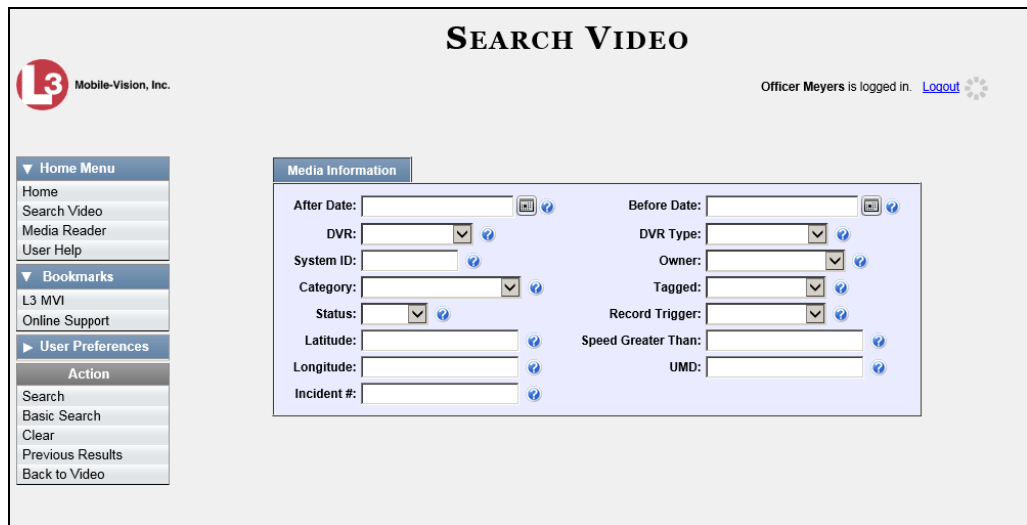
Displaying a Snapshot

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

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

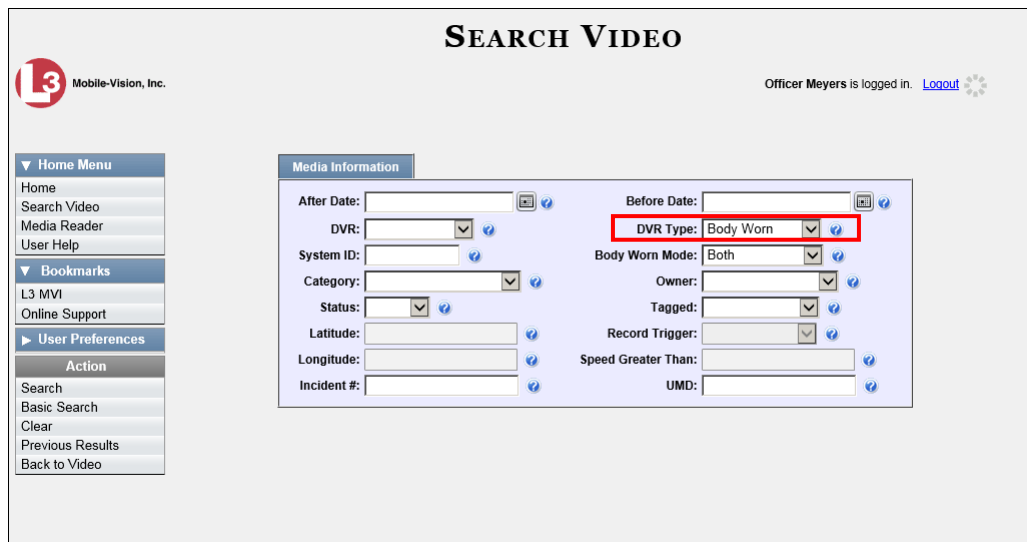


- 2 Go to the **Action** column and click **Advanced Search**.



The screenshot shows the 'SEARCH VIDEO' interface. On the left is a navigation menu with sections: Home Menu (Home, Search Video, Media Reader, User Help), Bookmarks (L3 MVI, Online Support), and User Preferences (Action, Search, Basic Search, Clear, Previous Results, Back to Video). The main area is titled 'Media Information' and contains a search form with the following fields: After Date, Before Date, DVR, DVR Type, System ID, Category, Status, Latitude, Longitude, Incident #, Owner, Tagged, Record Trigger, Speed Greater Than, and UMD. The 'DVR Type' field is currently empty.

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




This screenshot is identical to the previous one, but the 'DVR Type' dropdown menu is open and 'Body Worn' is selected. A red box highlights the 'DVR Type: Body Worn' selection. Additionally, the 'Body Worn Mode' field is now visible and set to 'Both'.

- 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.

(Continued)

BodyVISION snapshots display the word "Image" in this column

VIDEO SEARCH RESULTS

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

▼ Home Menu		Videos							
Home		Page 1 of 2 (8 total records)							
Search Video		Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
Media Reader				Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:06	
User Help				Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:06	
▼ Bookmarks				Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:06	
L3 MVI			Restricted	Officer Meyers	Zack-BV	Image	No Citation	08/24/2016 11:05	
Online Support			Restricted	Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:05	
▶ User Preferences			Restricted	Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:05	
Action									
New Search									

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.




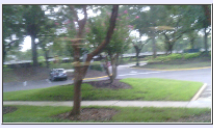
NOTE: If you see the word **Restricted** instead of the snapshot's thumbnail image, it means that you lack the required permissions to view that record. Before you continue, you'll first have to obtain permission to view the parent video associated with this snapshot. For instructions, see "Submitting a Request to View a Body Worn Video" on page 58.



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

SNAPSHOT DETAILS

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

▼ Home Menu		Status: Online		UMD
Home		<div style="display: flex;"> <div style="flex: 1;">  </div> <div style="flex: 2;"> <p>System ID: <input type="text" value="8"/> Incident #: <input type="text"/></p> <p>Owner: <input type="text" value="Officer Meyers"/> Ingest Date: <input type="text" value="08/24/2016 11:54"/></p> <p>DVR Officer Name: <input type="text" value="No Name"/> Record Trigger: <input type="text" value="Manual Record"/></p> <p>DVR Name: <input type="text" value="Zack-BV"/> Capture Date: <input type="text" value="08/24/2016 11:05"/></p> <p>DVR Type: <input type="text" value="Body Worn"/></p> <p>Category: <input type="text" value="Body Worn"/></p> <p>Video Notation(s):</p> </div> </div>		
Search Video				
Media Reader				
User Help				
▼ Bookmarks				
L3 MVI				
Online Support				
▶ User Preferences				
Action				
Play				
Edit				
Tag Video				
Chain of Custody				
Previous Results				

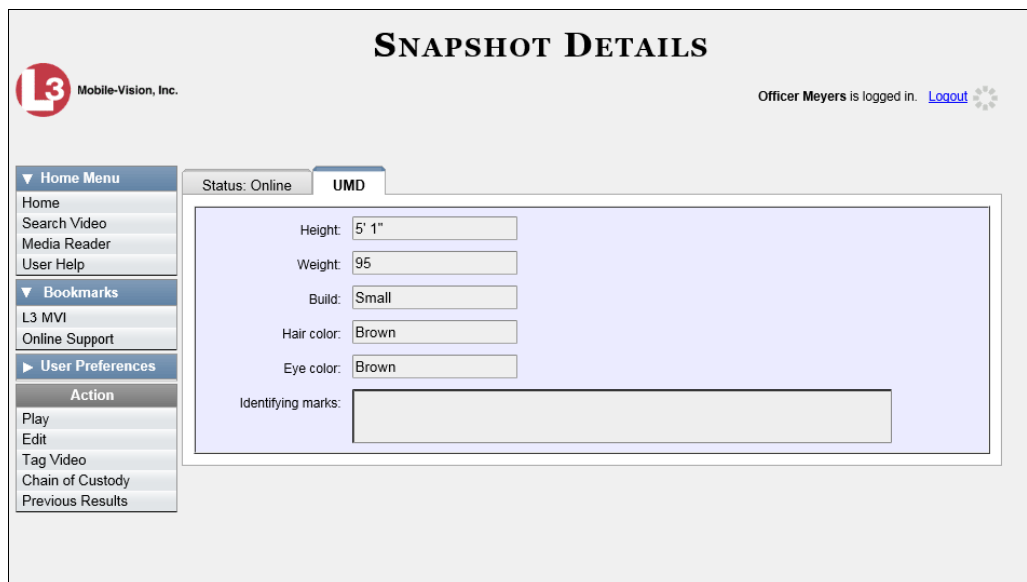
The fields on the Snapshot Details page are described below.

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> on page 30.
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.
Ingest Date	The date and time at which this snapshot was uploaded to the DEF server. Displays in mm/dd/yyyy hh:mm format.
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 <i>BodyVISION</i> 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.

(Continued)

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 65, “Adding Predefined User Metadata to a Media File” on page 67, and/or “Adding Predefined Video Notations to a Media File” on page 67.
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
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.
Previous Results	Return to the previous Video Search Results page.

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




Playing a Video



This section describes how to play an online video, that is, a video that is stored on your agency's DEF server. If you wish to view a Body Worn video and lack the permissions to do so, see "Submitting a Request to View a Body Worn Video" on page 58 instead.

- 1 Search for the video you wish to play. (If necessary, review "Searching for Videos" on page 16.) The Video Search Results page displays.

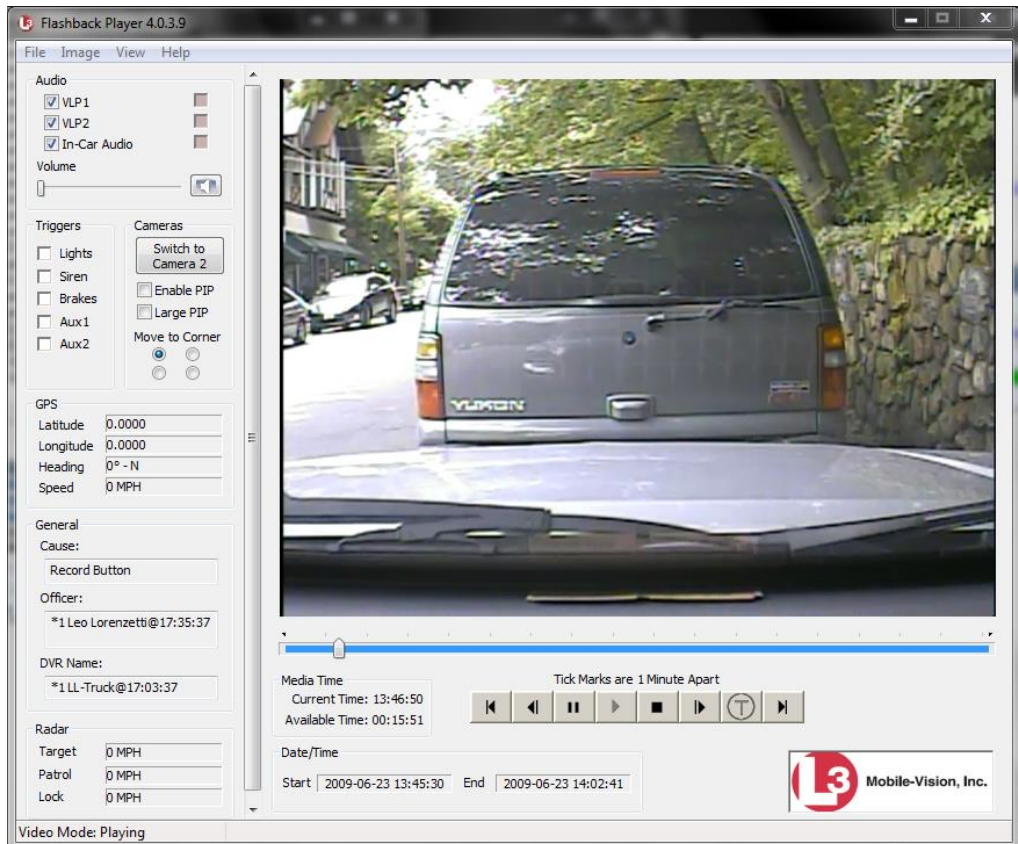


VIDEO SEARCH RESULTS							
		Officer Meyers is logged in. Logout					
Videos							
Page 1 of 1 (5 total records)							
Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
		Officer Meyers	Unit 03	0 min	Body Worn	10/26/2015 12:27	
		Officer Meyers	Unit 01	0 min	Body Worn	10/25/2015 13:33	
		Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 21:02	
		Officer Meyers	Unit 02	1 min	No Citation	05/06/2014 18:10	
		Officer Meyers	Unit 02	16 min	No Citation	02/27/2014 07:10	

There are several ways to launch a video, as described in this section.


- 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.

* If the word "RESTRICTED" displays in place of a video thumbnail image, it means that you lack the permissions required to view Body Worn videos. For instructions, see "Submitting a Request to a View a Body Worn Video."



- 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 55 and “Flashback2/3/HD/BV Player” on page 51.


- 4 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 58.



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

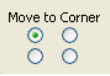
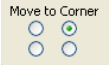
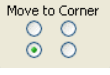
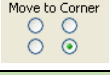
– OR –

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.
	<i>Audio Indeterminate</i> indicator. Indicates that the audio channel status at the DVR (enabled or disabled) is indeterminate.

Flashback2/3/HD/BV Player (cont'd)	
Triggers	
<p>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.</p>	
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	<p>If brakes are one of your display options (see Note below), this box turns red when the vehicle's breaks were activated during the course of the video.</p> <p>Note: Brakes are technically a display option rather than a trigger.</p>
Aux 1	<p>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.</p> <p>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.</p>
Aux 2	<p>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.</p>
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 —the forward facing zoom camera.
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. See <i>Enable PIP</i> above.

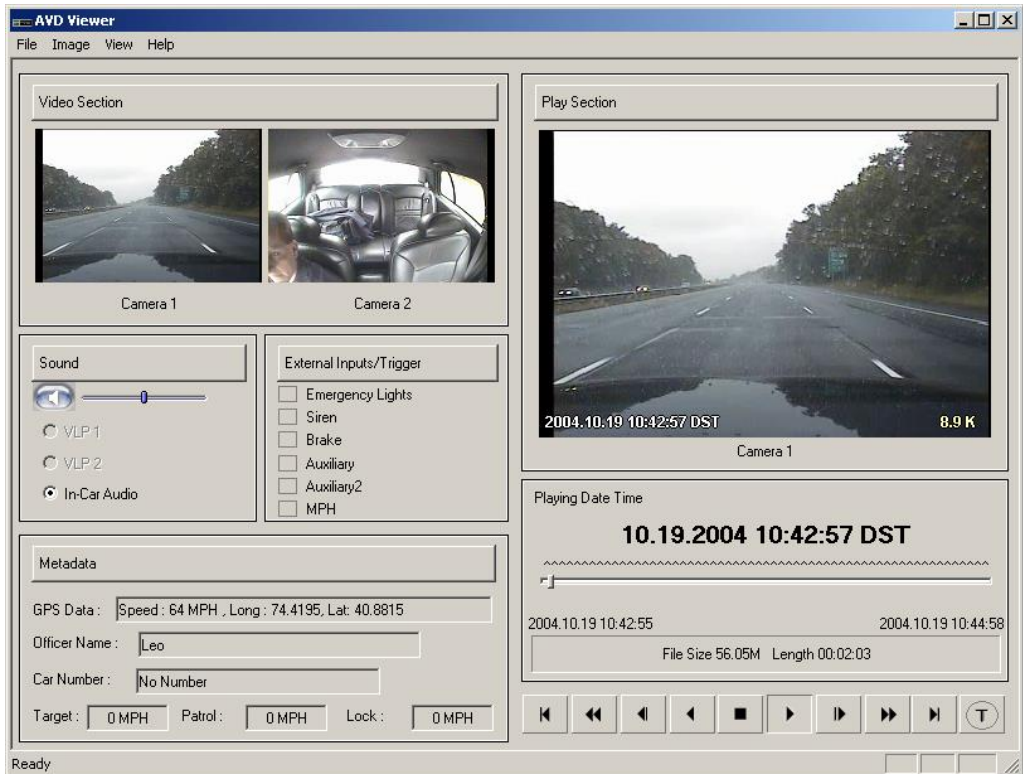
Flashback2/3/HD/BV Player (cont'd)	
Cameras (cont'd)	
	Move the picture-in-picture (PIP) image to the upper left corner of the video display.*
	Move the picture-in-picture (PIP) image to the upper right corner of the video display.*
	Move the picture-in-picture (PIP) image to the lower left corner of 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.
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.




(Continued)

* See *Enable PIP* on the previous page











Flashback2/3/HD/BV Player (cont'd)	
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. Time displays in hh:mm:ss format.
End	The date and time at which the video stopped recording. Time displays in 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.
Sound	
	<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
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.

Flashback1 Player (cont'd)	
External Inputs/Trigger	
In-Car Audio	A radio button used to select the audio track from the in-car microphone.
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	<p>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.</p> <p>Note: Brakes are technically not a trigger, but you may choose to monitor brake use during a video.</p>
Auxiliary	If the <i>CrashBat crash detector</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. The rate of speed is set by your System Administrator. 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. The rate of speed is set by your System Administrator. 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.
Metadata	
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.

Flashback1 Player (cont'd)	
Metadata (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 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 or Optical Zoom 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 recorded 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.

Submitting a Request to View a Body Worn Video

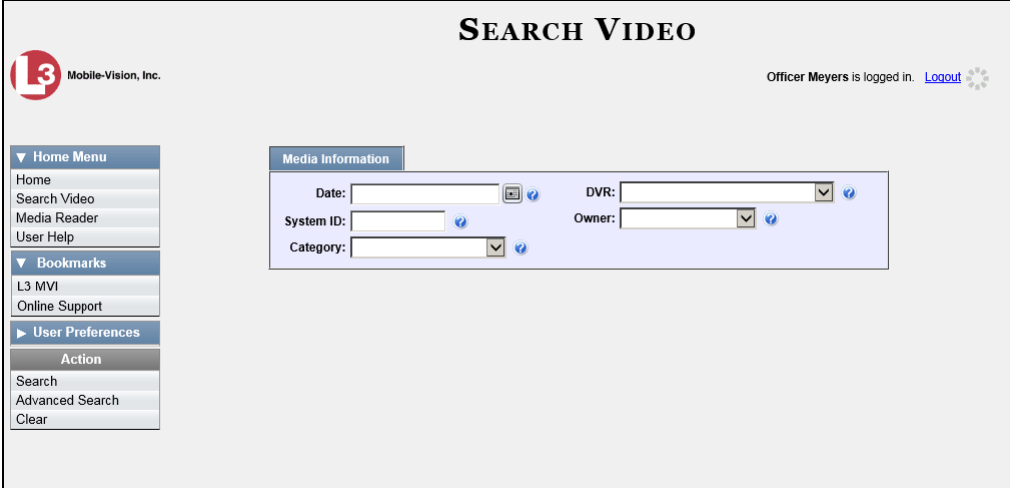
Some agencies choose to restrict the viewing of *BodyVISION* and BWX-100 videos to users who have certain permissions (i.e., the *Authorize Media Playback* and/or *Can View Body Worn Videos* permission). All other users are required to submit a valid “need to know” reason to the appropriate supervisor, as described in this section.

How do I know if a Body Worn video is restricted? If your assigned user role requires that you request permission to view Body Worn videos, all such videos will be marked as “Restricted” on the Video Search Results:

	Restricted	Officer Baker	BW-101	0 min	Arrest	06/16/2016 14:29	
---	------------	---------------	--------	-------	--------	------------------	---

Also, when you attempt to play a *BodyVISION* or BWX-100 video, the following message will display: *This video has been marked for restricted viewing. A request to view it must be submitted and approved by an authorized supervisor.*

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



SEARCH VIDEO

Officer Meyers is logged in. [Logout](#)

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

- L3 MVI
- Online Support

User Preferences

Action


- Search
- Advanced Search
- Clear

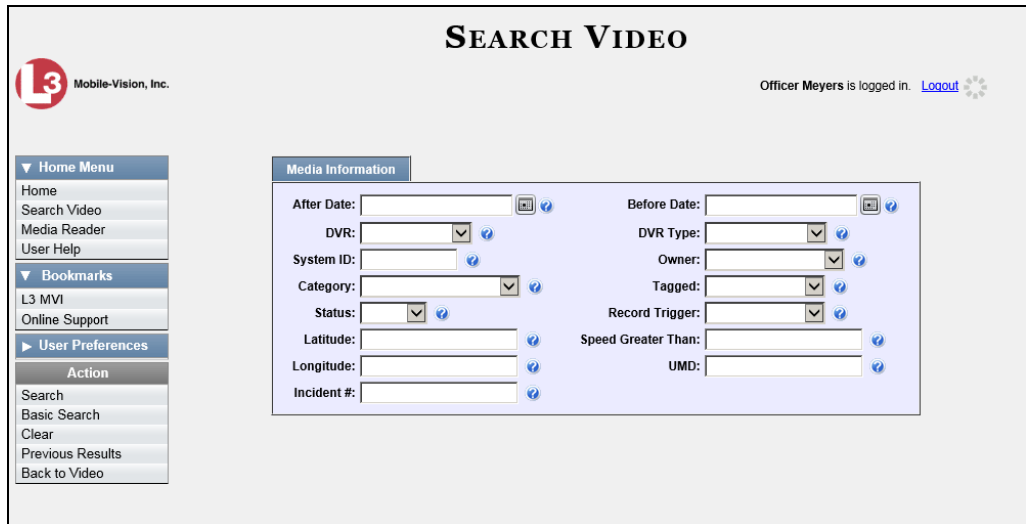
Media Information

Date: DVR:

System ID: Owner:

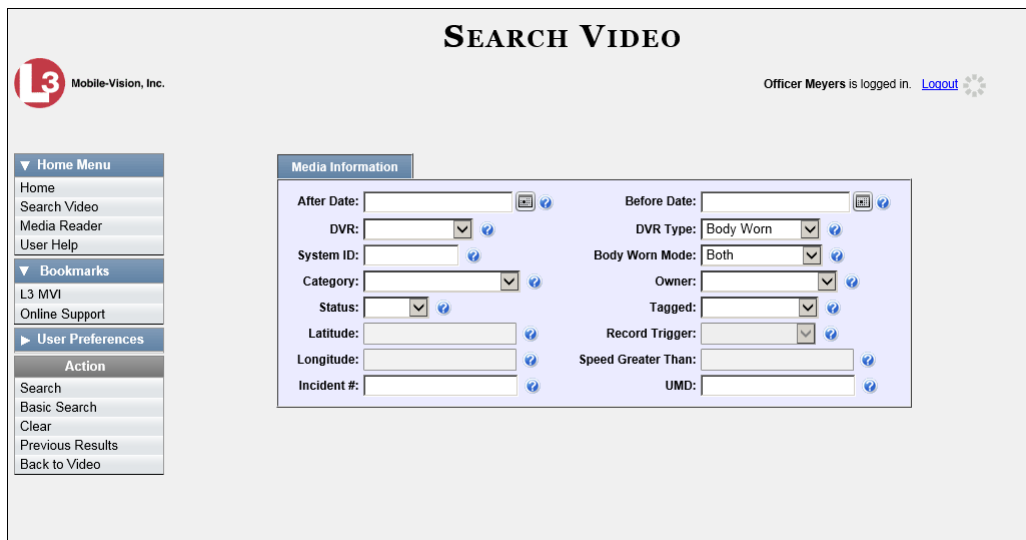
Category:

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



The screenshot shows the 'SEARCH VIDEO' interface. At the top left is the L3 Mobile-Vision, Inc. logo. At the top right, it says 'Officer Meyers is logged in.' with a 'Logout' link and a gear icon. On the left is a navigation menu with sections: Home Menu (Home, Search Video, Media Reader, User Help), Bookmarks (L3 MVI, Online Support), and User Preferences (Action, Search, Basic Search, Clear, Previous Results, Back to Video). The main area is titled 'Media Information' and contains a form with the following fields: After Date, Before Date, DVR, DVR Type, System ID, Owner, Category, Tagged, Status, Record Trigger, Latitude, Speed Greater Than, Longitude, and UMD. Incident # is also present at the bottom.

- 3 Select **Body Worn** from the *DVR Type* drop-down list.

















This screenshot is identical to the previous one, but the 'DVR Type' dropdown menu is open, and 'Body Worn' is selected. The 'Body Worn Mode' dropdown is also visible and set to 'Both'.

- 4 If desired, enter/select additional search criteria.
- 5 Go to the **Action** column and click **Search**. All *BodyVISION* and *BWX-100* records that match your selection criteria display on the Video Search Results page.

(Continued)

VIDEO SEARCH RESULTS

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


Home Menu		Videos							
Home		Page 1 of 3 (13 total records)							
Search Video		Details	Play	Owner	DVR Name	Duration	Category	Video Start	Notes
Media Reader			Restricted	Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:06	
User Help			Restricted	Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:06	
Bookmarks			Restricted	Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:06	
L3 MVI			Restricted	Officer Meyers	Zack-BV	0 min	Body Worn	08/24/2016 11:06	 
Online Support			Restricted	Officer Meyers	Zack-BV	Image	No Citation	08/24/2016 11:05	
User Preferences			Restricted	Officer Meyers	Zack-BV	Image	Body Worn	08/24/2016 11:05	
Action									
New Search									

6 If the video you wish to view displays on this page, proceed to the next step.


– OR –

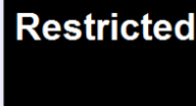
If the video you wish to view does *not* display on this page, use the navigation arrows to scroll through the results list.



 7 Click on the video’s Details icon. The Video Details page displays.

VIDEO DETAILS

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

Home Menu		Status: Online		Snapshot	UMD
Home		<div style="display: flex; align-items: center;"> <div style="background-color: black; color: white; padding: 20px; font-size: 24px; text-align: center; width: 150px; height: 100px; display: flex; align-items: center; justify-content: center;">  </div> <div style="margin-left: 20px;"> <p>System ID: <input type="text" value="6"/></p> <p>Owner: <input type="text" value="Officer Meyers"/></p> <p>DVR Officer Name: <input type="text" value="No Name"/></p> <p>DVR Name: <input type="text" value="Zack-BV"/></p> <p>DVR Type: <input type="text" value="Body Worn"/></p> <p>Category: <input type="text" value="Body Worn"/></p> <p>Video Notation(s):</p> </div> <div style="margin-left: 20px;"> <p>Incident #: <input type="text"/></p> <p>Ingest Date: <input type="text" value="08/24/2016 11:54"/></p> <p>Record Trigger: <input type="text" value="Manual Record"/></p> <p>Video Start: <input type="text" value="08/24/2016 11:05"/></p> <p>Video End: <input type="text" value="08/24/2016 11:06"/></p> <p>Duration (minutes): <input type="text" value="0"/></p> <p>Purge Date: <input type="text"/></p> </div> </div>			
Search Video					
Media Reader					
User Help					
Bookmarks					
L3 MVI					
Online Support					
User Preferences					
Action					
Play					
Edit					
Tag Video					
Chain of Custody					
Previous Results					

8 Go to the **Action** column and click **Request Viewing**. The Request Viewing popup displays.

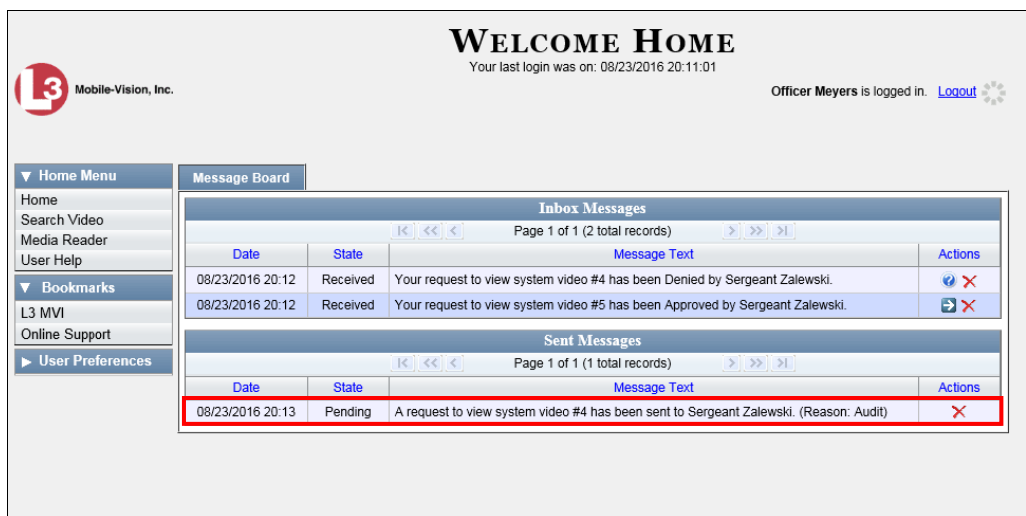


Request Viewing

Request reason:  

Supervisor:  

- 9 Select a reason from the *Request reason* drop-down list.
- 10 Select your supervisor's name from the *Supervisor* drop-down list.
- 11 Click **Save**. The system sends the request to your supervisor's *Inbox Messages* list. A copy of the request displays on your *Sent Messages* list.






WELCOME HOME
Your last login was on: 08/23/2016 20:11:01


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

Message Board

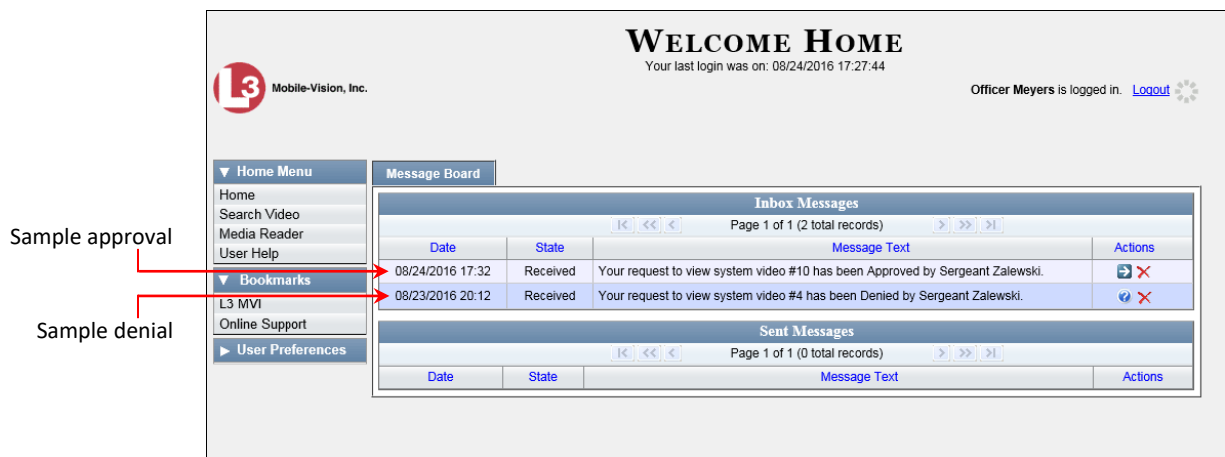
Inbox Messages
Page 1 of 1 (2 total records)

Date	State	Message Text	Actions
08/23/2016 20:12	Received	Your request to view system video #4 has been Denied by Sergeant Zalewski.	 
08/23/2016 20:12	Received	Your request to view system video #5 has been Approved by Sergeant Zalewski.	 


Sent Messages
Page 1 of 1 (1 total records)

Date	State	Message Text	Actions
08/23/2016 20:13	Pending	A request to view system video #4 has been sent to Sergeant Zalewski. (Reason: Audit)	

- 12 Check your *Inbox Messages* list periodically until you receive an approval or denial from your supervisor.







WELCOME HOME
Your last login was on: 08/24/2016 17:27:44

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

Message Board

Inbox Messages
Page 1 of 1 (2 total records)

Date	State	Message Text	Actions
08/24/2016 17:32	Received	Your request to view system video #10 has been Approved by Sergeant Zalewski.	 
08/23/2016 20:12	Received	Your request to view system video #4 has been Denied by Sergeant Zalewski.	 


Sent Messages
Page 1 of 1 (0 total records)

Date	State	Message Text	Actions
------	-------	--------------	---------

Sample approval → (points to 08/24/2016 17:32)

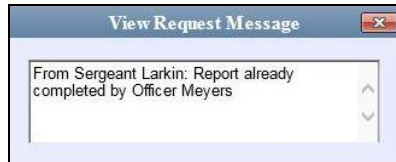
Sample denial → (points to 08/23/2016 20:12)

(Continued)

- 13 If you received an *approval* message, click the  icon to advance to the video. For further instructions, see “Playing a Video” on page 49, beginning with step 2.

– OR –

If you received a *denial* message, click the  icon to view the denial reason.



Exporting a Video Frame

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

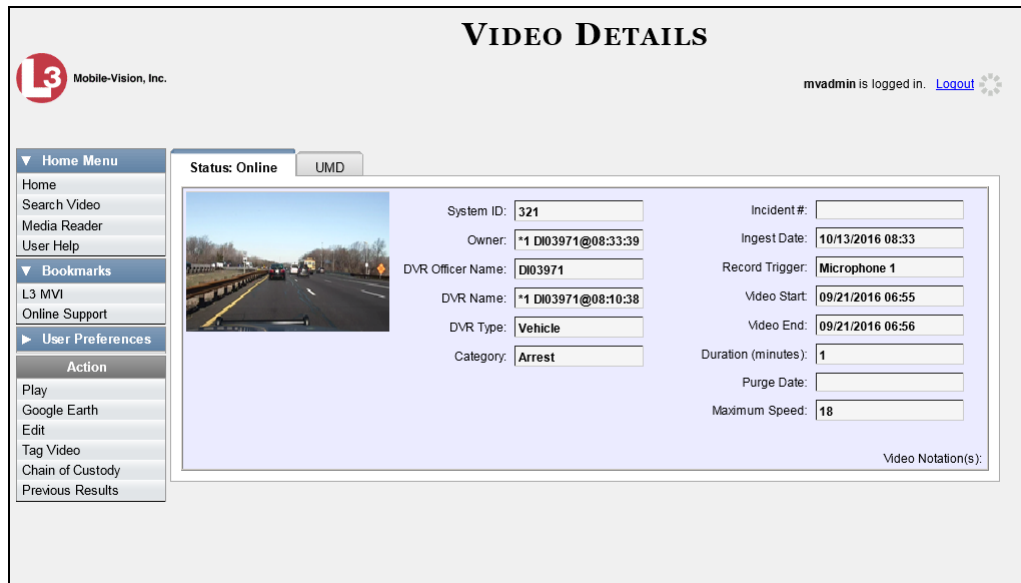
- JPEG
- GIF
- PNG
- TIF
- BMP

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

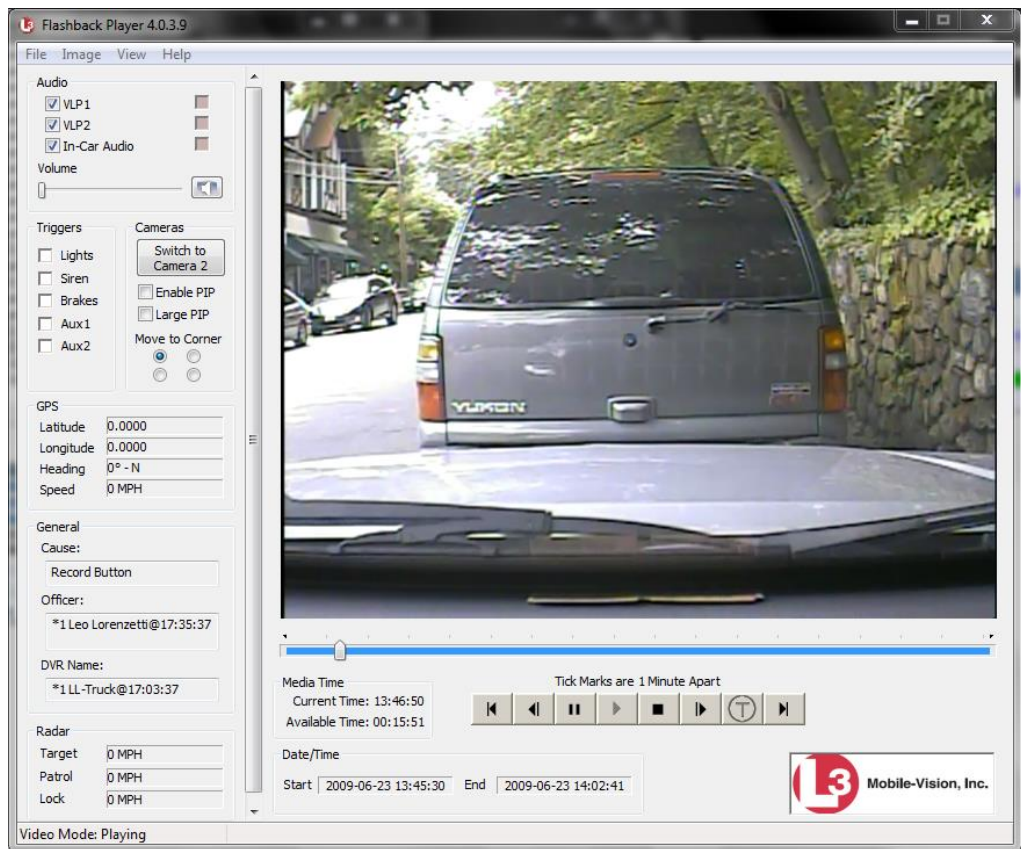
What’s the difference between a ‘snapshot’ and a ‘video frame’? *Snapshots* are still images that are captured from a *BodyVISION* or *BWX-100* camera while a recording is in progress. They upload to the server as separate files (that is, separate from the video from which they were captured). Snapshots 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. Unlike snapshots, video frames are not treated like videos in the system. They are stand-alone files that are separate and apart from DEF.

- 1 Search for and display the video from which you wish to export a frame. (If necessary, review “Displaying a Video” on page 29.)

The Video Details page displays.

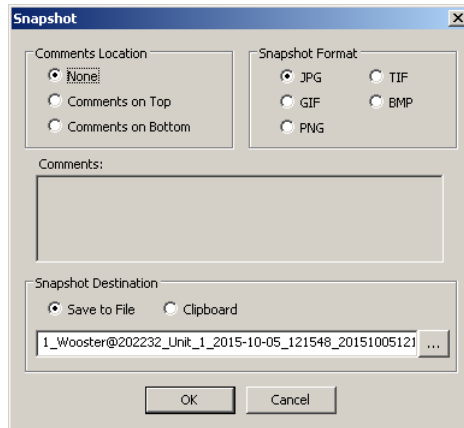


- 2 Click on the video's thumbnail image. The video begins playing in the Flashback Player.

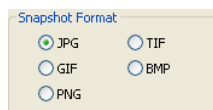


- 3 Using the navigation buttons, advance to the section of the video from which you wish to export a frame.

- 4 Once you reach the desired video segment, press **Ctrl + S**. The Snapshot popup displays.



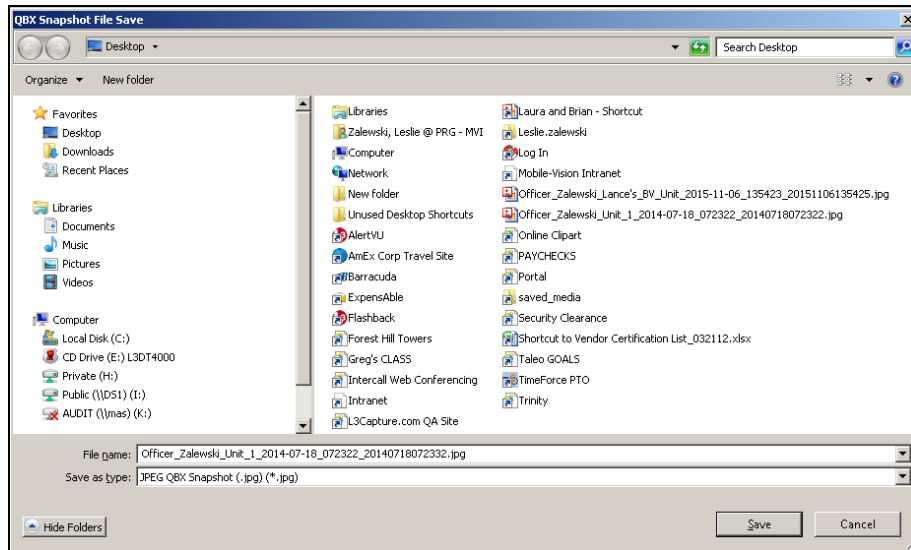
- 5 To attach a comment to this frame, proceed to the next step. Otherwise skip to step 8.
- 6 To attach a comment to the *top* of this frame, select the *Comments on Top* radio button.
– OR –
To attach a comment to the *bottom* of this frame, select the *Comments on Bottom* radio button.
- 7 Enter your comment in the *Comments* box provided.
- 8 To export 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 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.
- 13 Click **Save**.
- 14 Click **OK**.

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 31.

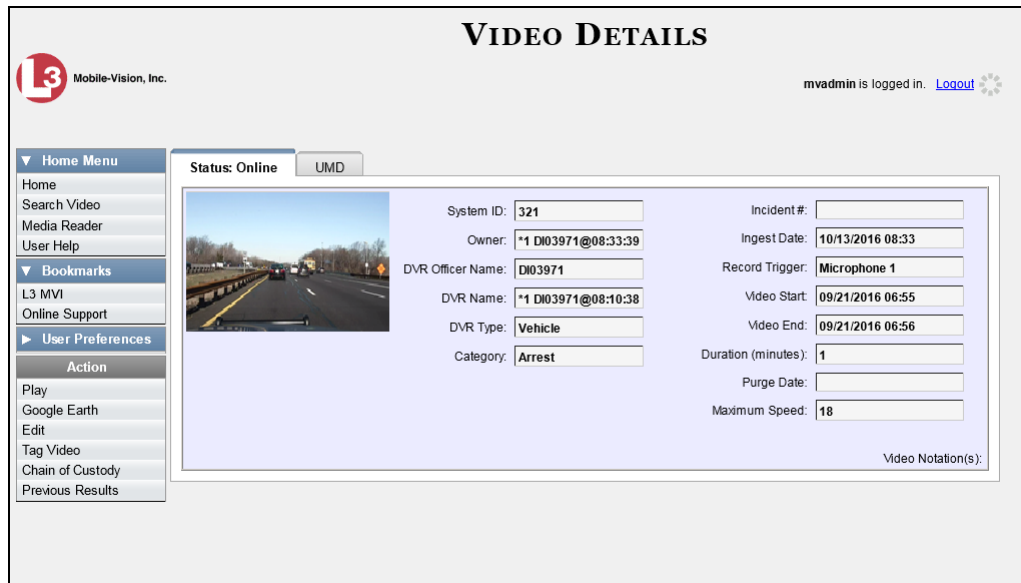


In order to change a category, you must either be the video's owner or have the *Edit Private Data* permission. For more information, contact your System Administrator.

- 1 Search for and display the video you wish to update. (If necessary, review "Displaying a Video" on page 29.)

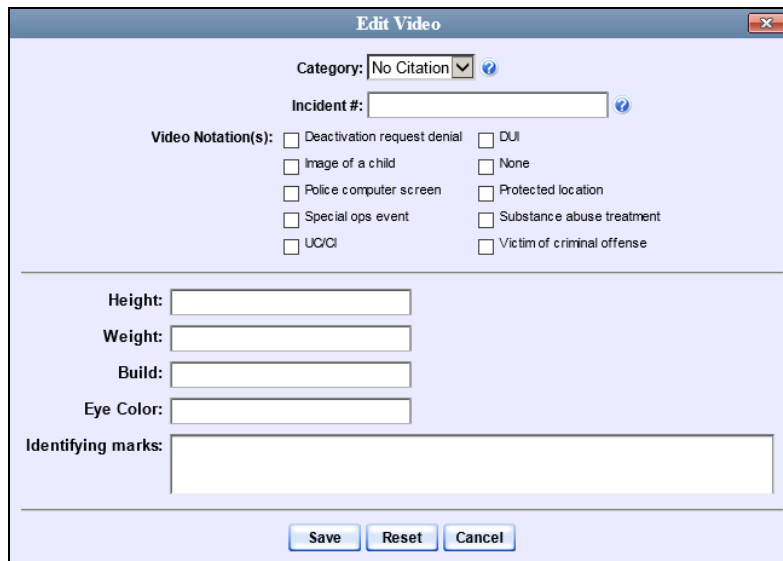
The Video Details page displays.

(Continued)



For a description of the Video Details fields, see the table on page 30.

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



Because this data is custom-defined by your System Administrator, your screen view may differ from the previous example.

- Select a new value from the *Category* drop-down list.
- 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. Your System Administrator defines these fields.

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.



In order to add UMD to a video, you must either be the video's owner or have the *Edit Private Data* permission. For more information, contact your System Administrator.

- 1 Search for and display the video you wish to add user metadata to. (If necessary, review “Displaying a Video” on page 29 or “Displaying a Snapshot” on page 44.) 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 on the previous page.
- 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).
- 4 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*.

- 1 Search for and display the video or snapshot you wish to notate. (If necessary, review “Displaying a Video” on page 29 or “Displaying a Snapshot” on page 44.) 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 on the previous page.

If no checkboxes display here, it indicates one of two things:

- Your agency has not created any video notation records yet.
- Your agency has created video notation records, but the feature is currently inactivated.

- 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 a certain number of days set by your System Administrator.

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



In order to tag a video, you must either be the video's owner or have the *Edit Private Data* permission. For more information, contact your System Administrator.

For specific instructions, see:

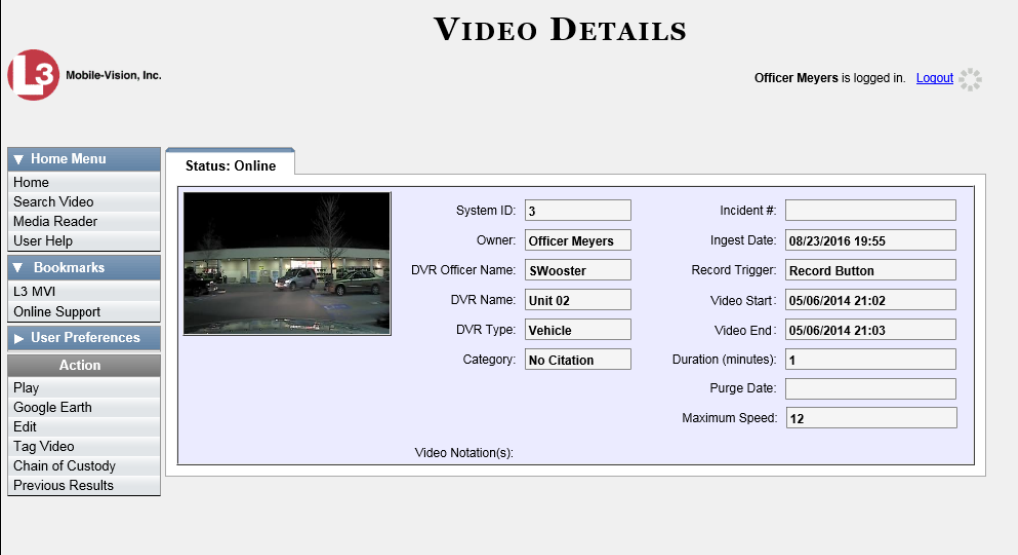
- Tagging a Video, below
- Untagging a Video, page 69.

Tagging a Video


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

In order to tag a video, you must either be the video's owner or have the *Edit Private Data* permission. For more information, contact your System Administrator.

- 1 Search for and display the video you wish to tag. (If necessary, review “Displaying a Video” on page 29.) The Video Details page displays.



VIDEO DETAILS

 Officer Meyers is logged in. [Logout](#)

Home Menu

- Home
- Search Video
- Media Reader
- User Help

Bookmarks

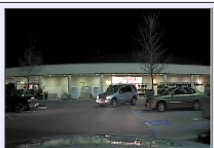
- L3 MVI
- Online Support

User Preferences

Action

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

Status: Online



System ID: Incident #:

Owner: Ingest Date:

DVR Officer Name: Record Trigger:

DVR Name: Video Start:

DVR Type: Video End:

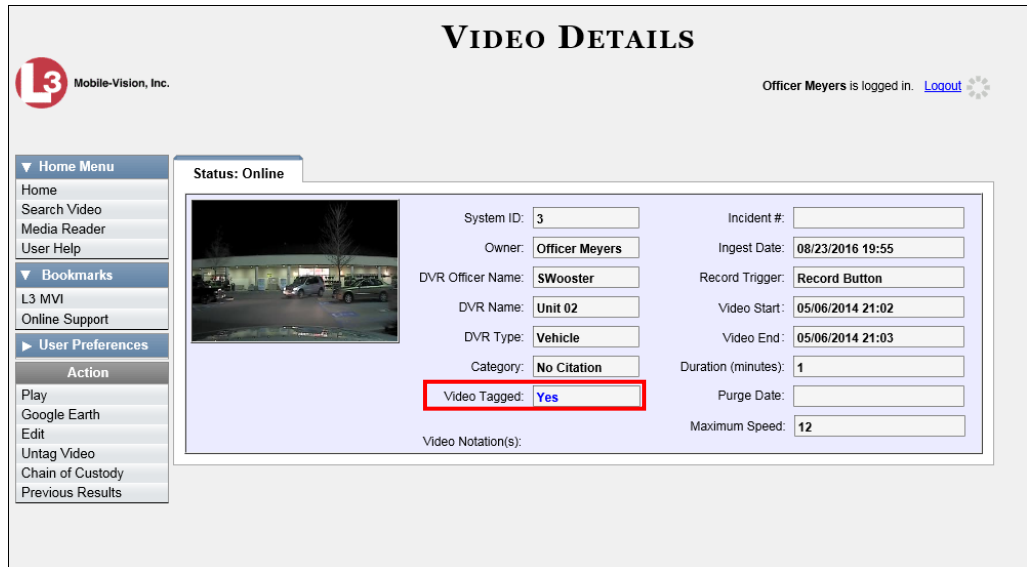
Category: Duration (minutes):

Purge Date:

Maximum Speed:

Video Notation(s):

- 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. Officer Meyers is logged in. [Logout](#)

Status: Online

Video Tagged: Yes

System ID: 3 Incident #:

Owner: Officer Meyers Ingest Date: 08/23/2016 19:55

DVR Officer Name: SWooster Record Trigger: Record Button

DVR Name: Unit 02 Video Start: 05/06/2014 21:02

DVR Type: Vehicle Video End: 05/06/2014 21:03

Category: No Citation Duration (minutes): 1

Purge Date:

Maximum Speed: 12

Video Notation(s):

Untagging a Video

This section describes how to remove the “tagged” flag from a video. For a definition of tagging, see “Tagging” on page 68.



In order to untag a video, you must either be the video’s owner or have the *Edit Private Data* permission. For more information, contact your System Administrator.

- Search for and display the video you wish to untag. (If necessary, review “Displaying a Video” on page 29.) The Video Details page displays, as pictured above.

The *Video Tagged* field indicates that the video is currently tagged.

- 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

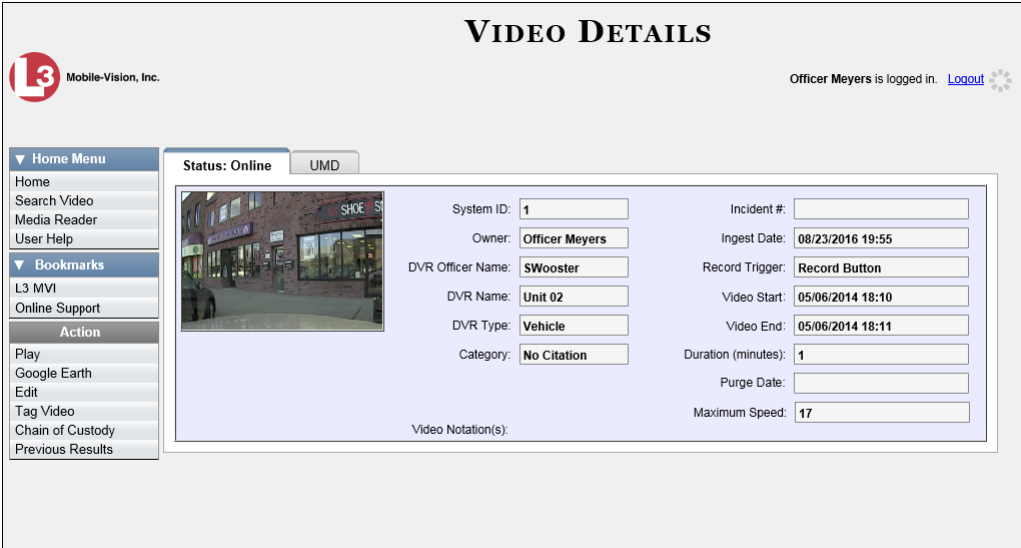
This section describes how to generate a Chain of Custody report for a selected video or *BodyVISION* snapshot. The Chain of Custody report contains a log of all operations that have been performed on a video or snapshot, such as the transfer of data from a vehicle to the DEF server (i.e., *System Media 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. In order to generate a Chain of Custody Report, you must either be the video's owner or have the *Edit Private Data* permission. For more information, contact your System Administrator.



- 1 Search for and display the video or snapshot you wish to generate a report for. (If necessary, review “Displaying a Video” on page 29 or “Displaying a Snapshot” on page 44.)

The Video Details page displays.



VIDEO DETAILS

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

▼ Home Menu
Home
Search Video
Media Reader
User Help

▼ Bookmarks
L3 MVI
Online Support

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

Status: Online UMD

System ID: Incident #:

Owner: Ingest Date:

DVR Officer Name: Record Trigger:

DVR Name: Video Start:

DVR Type: Video End:

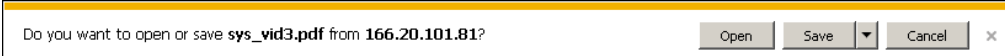
Category: Duration (minutes):

Purge Date:

Maximum Speed:

Video Notation(s):

- 2 Go to the **Action** column and click **Chain of Custody**. A message prompt displays.



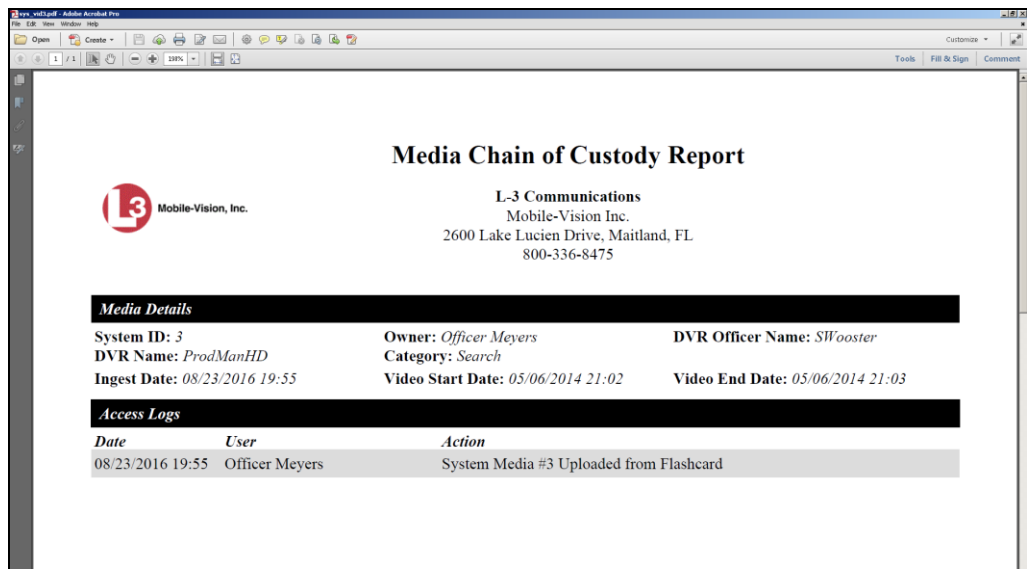
Do you want to open or save **sys_vid3.pdf** from 166.20.101.81?

- 3 Click **Open**. Another message prompt displays.



The sys_vid3.pdf download has completed.

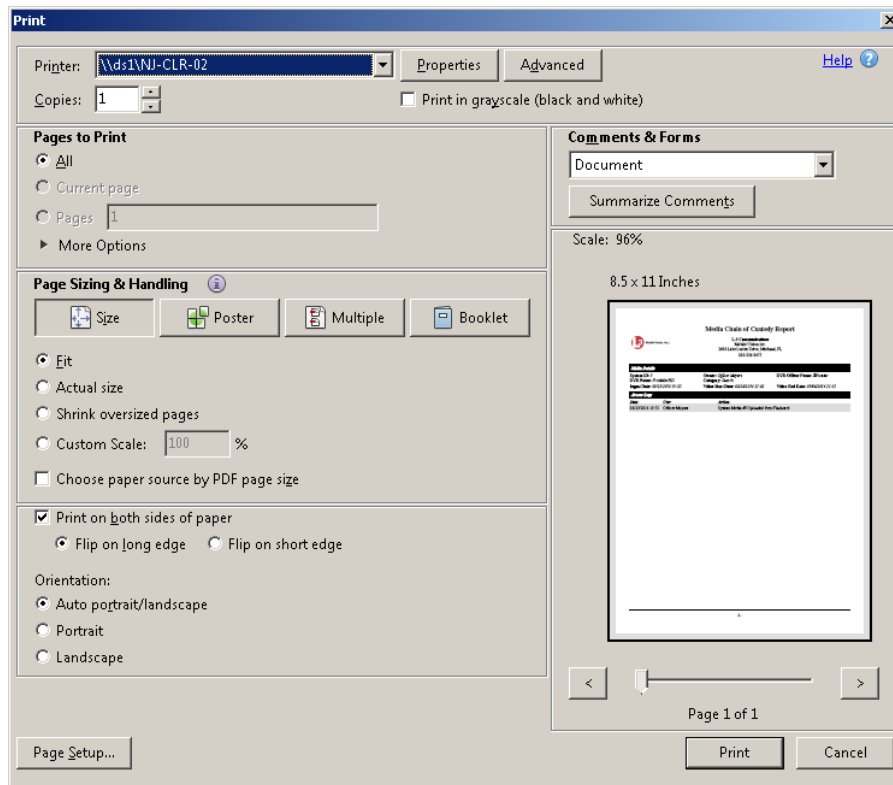
- 4 Click **Open** again. The Media Chain of Custody Report displays.




5 To print this report, proceed to the next step. Otherwise skip to step 8.



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



7 Select your desired printer settings, then click **OK** or **Print**. The report is directed to your active printer.


- 8 When you are finished viewing/printing the report, click the  in the upper right corner of the page to exit Adobe Reader.

Manually Uploading Flashback Videos

This section describes how to manually upload new Flashback videos from an SD Card (Flashback3/FlashbackHD) or CF Card (Flashback2).


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*.

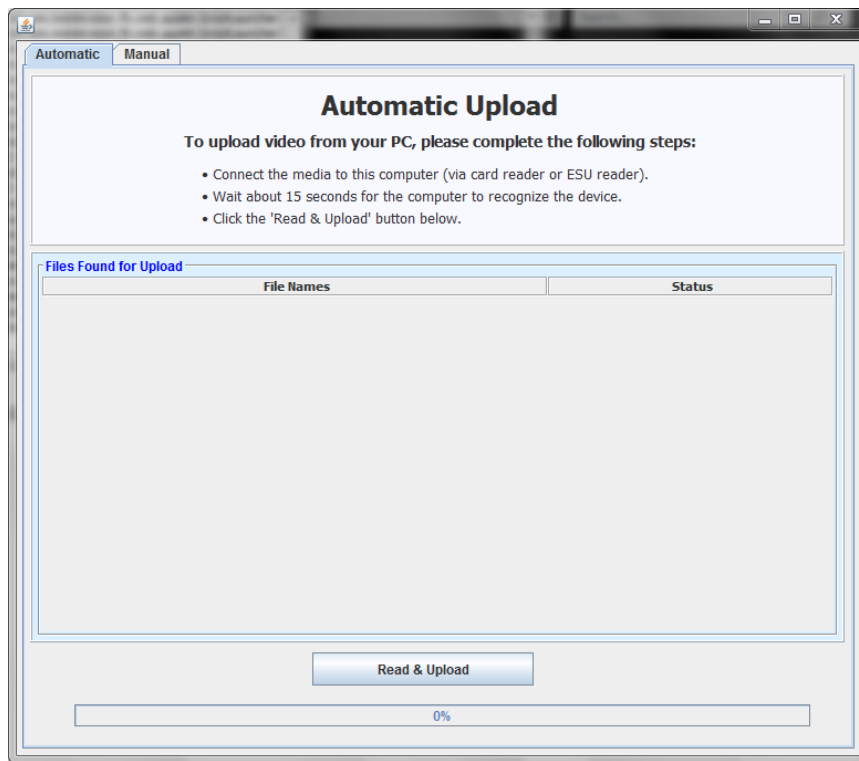


NOTE: To upload *BodyVISION* or *BWX-100* videos, simply place the Body Worn camera in your agency's Uplink Station, which consists of a group of docking stations connected to your storage server. For more information, see "Downloading Videos to DES or Basic Viewer HD" in the *BodyVISION User's Guide*, or "Uploading Videos to DES" in the *BWX-100 User's Guide*. Both of these manuals are available for download from the Mobile-Vision Online Support Center. (To access this site, click the *Online Support* link under  **Bookmarks** .)



You must have the proper permissions to perform this task. For more information, contact your System Administrator.

- 1 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.



- 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.



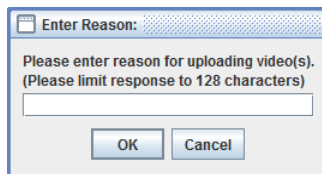
Sample CF/SD card reader

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

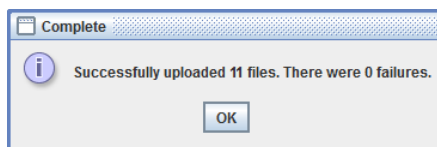
(Continued)



- 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.



Glossary

Access Point

A device used to transmit videos from your in-car DVR to your [DEF server](#). The access point is connected to a wireless network antenna mounted on the outside of the building that houses your server.

Some precincts have more than one access point to accommodate multiple vehicles that park in different areas outside the building. Some smaller agencies do not use Access Points, as they download all their videos manually. See also [Transmission](#).

BodyVISION

A small, wearable digital video recorder sold by Mobile-Vision. This device allows officers to capture both high definition videos and JPG [snapshot](#) images, then upload them to your [DEF server](#) via a *BodyVISION* docking station. Videos recorded using this device are assigned the category of **Body Worn**.

Body Worn Tracking Function

A system feature that restricts the viewing of [BodyVISION](#) or [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](#).

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.

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**.

CF Card

The storage card that saves your Flashback2 videos until they can be transmitted to your [DEF server](#).

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.

DEF

An acronym for *Digital Evidence Forwarder*, a software component of Mobile-Vision's [Digital Evidence Collection System](#).

DEF Server

The network computer that hosts the [DEF](#) application and stores all of your video data.

DEP

An acronym for *Digital Evidence PRO*, a software component of Mobile-Vision's [Digital Evidence Collection System](#).

DEP Server

The [DEF](#) server to which [DEF](#) forwards videos after they are ingested by DEF. Also referred to as the “parent” server.

Digital Evidence Collection System

A Mobile-Vision product that is used by law enforcement personnel to collect digital evidence. It includes the following hardware and software components:

- [Flashback DVRs](#)
- [BodyVISION DVRs](#) (optional)
- [BWX-100 DVRs](#) (optional)
- [Access point\(s\)](#)
- [DEF software](#)
- [RAID storage device](#) (optional).

Discovered DVR

A DVR that has been in communication with the [DEF server](#) at least once.

DVR

See [Flashback DVR](#), [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'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.

Flashback DVR

A digital video recorder that is installed inside a vehicle or interview room. This recorder collects video evidence and stores it temporarily on an [SD card](#) or [CF card](#) until the video can be transmitted to the [DEF server](#). 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 [DEF](#), the Flashback Player launches automatically.

Ingest Date

The date and time at which a video file was transmitted to the [DEF server](#) from the DVR unit.

LEC Mobile

A Mobile-Vision app used to view [BWX-100](#) videos from a smart phone or tablet in the field.

Online

A status for a video file which indicates that all of the file's information is currently available for viewing on the [DEF server](#).

Offline

A status for a video which indicates that some, but not all, of that record's data or functions are available on the [DEF server](#). 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.

Private File

A video or [snapshot](#) that can only be viewed by its owner or a user with one of the following permissions: *Edit Private Data* or *Edit All Data*.

Public File

A video or [snapshot](#) that can be viewed by *all* [DEF](#) users.

Quarantined File

A video that is shorter than the *Minimum File Duration* value entered on the **Online-Life-Cycle** tab. Typically, a quarantine file is a small “test” video that an officer makes at the beginning of each shift to test his equipment before going out into the field. The system automatically marks these short videos for review or disposal, depending on your system settings.

RAID

An acronym for *Redundant Array of Independent Disks*, a storage device that contains multiple disk drives but is treated by the system as one device.

Record Trigger

The event or “trigger” that caused a DVR to start recording. Common record triggers include pressing the **R** button, turning the emergency lights on, activating the siren, or reaching a particular speed, such as 90 miles per hour.

SD Card

The temporary storage device that stores Flashback3 or FlashbackHD videos until they can be transmitted to the [DEF server](#).

Snapshot

A JPG still image captured with a [BodyVISION](#) or [BWX-100](#) Body Worn camera. These images are uploaded to the [DEF server](#) along with the device’s videos.

System Implementation Specialist (SIS)

A Mobile-Vision representative who assists with the installation and configuration of the “back office” components of the Flashback [Digital Evidence Collection System](#).

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 **Life-Cycle** tab.

Transmission


The process of transferring Flashback video files from your in-car DVR to the [DEF server](#). 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 will wirelessly transfer to the [DEF server](#) via the access point.

- ❑ **Manual transmission.** Your Flashback holds 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. If necessary, you can use this card to *manually* transfer videos to your PC, assuming you have the proper permissions. You would typically use this procedure if you can't wait for an automatic file transfer to occur, or a problem has occurred that interfered with the wireless file transfer. 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 device (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.

Undiscovered DVR

A DVR that has not been in communication with the [DEF server](#) 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 fields 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 immediately after it is finished recording. Otherwise you can attach UMD back at the precinct when you connect to the [DEF server](#). For more information, see “Adding Predefined User Metadata to a Video” in chapter 2.

User Role

A group of permissions that determines what system functions a user will have access to. Whenever you login to [DEF](#), the system will grant you access to various system functions according to the user role that is assigned to your User ID. Your System Administrator is 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, wearable digital video recorder sold by Mobile-Vision. 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: 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").

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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.
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For a list of third party software licenses, please click on the following link:

<https://l3mvmicrm.blob.core.usgovcloudapi.net/mvmicrm/Flashback/Third%20Party%20Software%20Licenses.pdf>

Appendix B: Suppressing Java Security Prompts

If you receive a security popup each time you access DEA Agency, 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>

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