

# FleetLink Safety Dashboard

The screenshot displays the FleetLink Safety Dashboard interface. At the top, it features the 'STREET SMART VISION' logo, 'Powered by FleetMind', and a user profile 'rumpkTest rumpkTest'. The main dashboard is divided into several sections:

- System Status:** A table listing vehicles under 'Division A'. The table has columns for Stream, Vehicle ID, GPS status, Camera status, and Driver name.
- Map:** A map showing the location of the selected vehicle (82417) in a residential area.
- Video Playback:** A video player showing a front-camera view from a vehicle. The timestamp is '6-15-Oct-01 06:32:00am'. A 'Use VLC plugin' toggle is visible.
- Map Detail:** A detailed map view of the vehicle's current location, showing streets like 'Refugee Rd' and 'Nalger Park'.

| Stream | Vehicle | GPS | Camera | Driver ...  |
|--------|---------|-----|--------|-------------|
|        | 82859   |     |        | William ... |
|        | 82002   |     |        | Graha ...   |
|        | 83461   |     |        | McC... ..   |
|        | 82009   |     |        | Freed B...  |
|        | 83468   |     |        | Greene...   |
|        | 82990   |     |        | Jenkins...  |
|        | 83400   |     |        | Culley...   |

## User Guide

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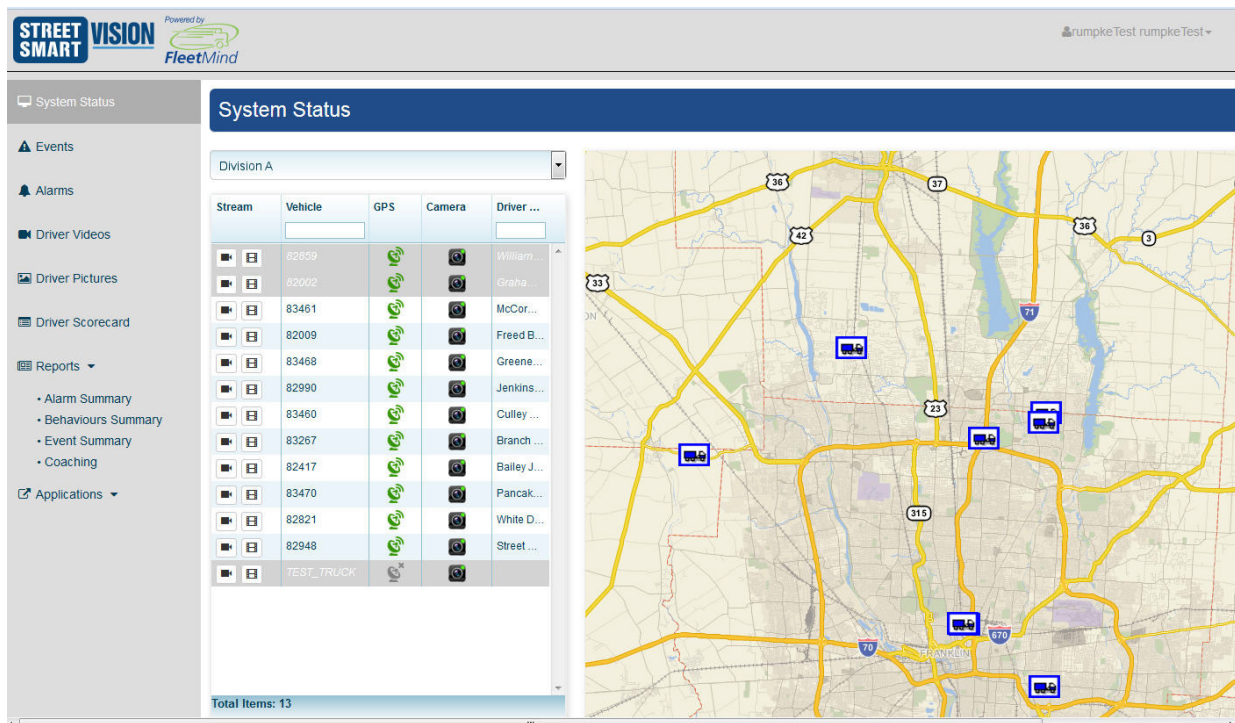
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# Introduction

## Note:

FleetLink Safety Dashboard is referred to as Street Smart Vision throughout this document.

Street Smart Vision is a web-based application that provides real-time and historical views of vehicles, drivers, and their activities. Its DVR capabilities enable refuse managers to remotely view—on any web-connected device (laptop, tablet, smart phone)—what the cameras see on each vehicle in their fleet, providing a valuable tool for logging and addressing important incidents and events that could greatly impact their organizations' productivity, safety, and security.



Using Street Smart Vision, managers can:

- View occurrences of Alarms, for example, speeding, excessive idling, hard braking.
- View videos, both driver-initiated and event-triggered.
- View still pictures taken by drivers.
- See incidents, supervisor-observed or G-Sensor-triggered (accidents).
- Monitor and review driver behavior, schedule subsequent coaching, as required, to ensure compliance with safety policy and company operating procedures.

A Driver Score Card—similar to that used in the FleetLink Reports (aka FRM Reports)—is implemented in Street Smart Vision to assist in driver performance evaluation. Each item in the score card is supported by video recording(s). Street Smart Vision is also fully integrated with the FleetLink Maps (aka FleetWeb) and FleetLink Reports applications.

Street Smart Vision supports up to 8 vehicle-mounted cameras (4 of which may have audio capability).

## Note:

This document is current with release V1.8 of the Street Smart Vision Software.

# Logging on to Street Smart Vision

## Note: User authentication

Access to your Street Smart Vision installation may require login credentials for user authentication.

1. Consult your System Administrator to obtain the URL of the application and the necessary login credentials.
2. Open your browser and navigate to the provided URL, for example, <https://garbage-r-us.com:0001/StreetSmartCam/>.
3. Enter your **User** name and **Password**, and then select **Login**.

The login form consists of two input fields: 'User:' and 'Password:'. Below these fields is a blue 'Login' button.

Street Smart Vision launches with the System Status screen as the initial default view.

The screenshot shows the 'System Status' screen. On the left is a sidebar with a 'View Panel' callout. The main content area features a table with the following data:

| Stream     | Vehicle | GPS | Camera | Driver ...  |
|------------|---------|-----|--------|-------------|
| 82859      |         |     |        | William ... |
| 82002      |         |     |        | Graha ...   |
| 83461      |         |     |        | McCor...    |
| 82009      |         |     |        | Freed B...  |
| 83468      |         |     |        | Greene      |
| 82990      |         |     |        | Jenkins     |
| 83460      |         |     |        | Culley      |
| 83267      |         |     |        | Branch ...  |
| 82417      |         |     |        | Bailey J... |
| 83470      |         |     |        | Pancak...   |
| 82821      |         |     |        | White D...  |
| 82948      |         |     |        | Street ...  |
| TEST_TRUCK |         |     |        |             |

At the bottom of the table, it says 'Total Items: 13'. The map on the right shows a city street grid with several blue vehicle icons overlaid.









## Street Smart Vision User Interface

The user interface comprises two main areas:

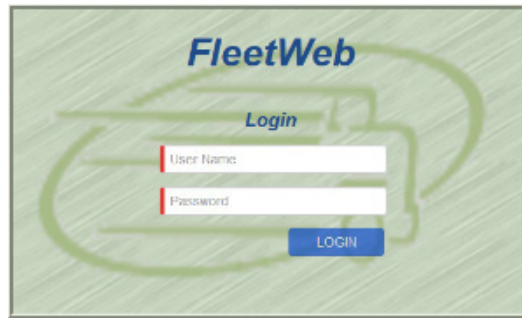
- The sidebar, on the left-hand side, provides menu options that enable to select your view.
- The View Panel, on the right, displays the selected view and enables you to "drill down" to greater levels of detail within the view.

# Street Smart Vision View Options

You can select a view using the menu options in the sidebar:

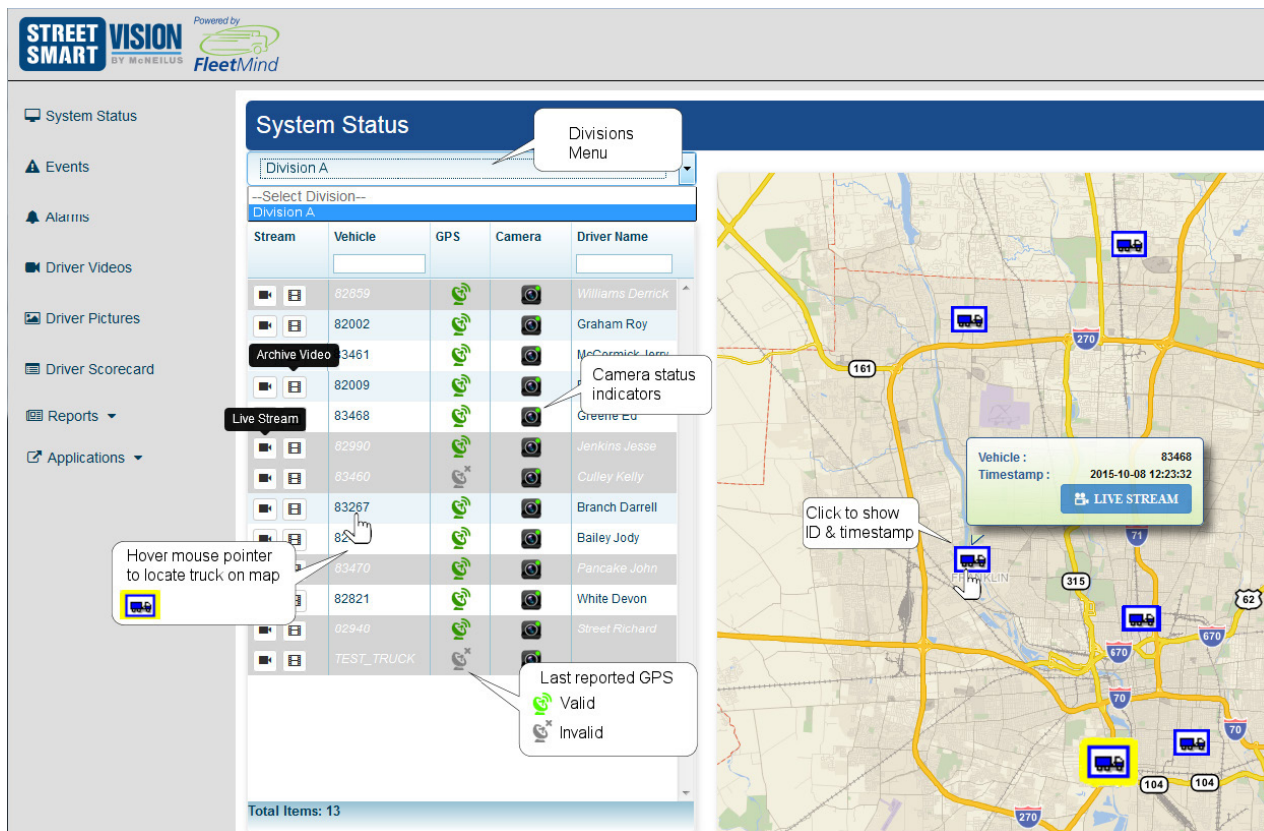
|  |  |
|--|--|
| <ul style="list-style-type: none"> <li> System Status</li> <li> Events</li> <li> Alarms</li> <li> Driver Videos</li> <li> Driver Pictures</li> <li> Driver Scorecard</li> <li> Reports ▾             <ul style="list-style-type: none"> <li>• Alarm Summary</li> <li>• Behaviours Summary</li> <li>• Event Summary</li> <li>• Coaching</li> </ul> </li> <li> Applications ▾</li> </ul> | <ul style="list-style-type: none"> <li>• <b>System Status:</b> Enables you to see all vehicles within a selected division, their drivers, GPS status, and camera status. Live streaming and archive video features for each vehicle are accessible in this view.</li> <li>• <b>Events:</b> Displays a list of all vehicles that have recorded events, including supervisor-observed, GSensor-triggered (accidents), server-related, and driver-initiated. Selecting an event from this view displays a pop-up window comprising a map and a video area where camera feeds can be selected and replayed.</li> <li>• <b>Alarms:</b> Displays a list of all vehicles/drivers that have triggered alarms, for example, excessive idling, or hard braking. Selecting a link in this view displays a pop-up window comprising a map, alarm details, and a video area.<br/><br/>Alarms have associated demerit points which are applied to the Driver Scorecard. Supervisors can set a status for the alarms (for example, "Coaching to be scheduled") that may be used to plan subsequent review and follow-up with the driver, as required.</li> <li>• <b>Driver Videos:</b> Displays a list of all driver-recorded videos, their time stamps, driver IDs, and recorded comments. Selecting a link from this view displays a pop-up window comprising a map with a speedometer widget and a video area where camera feeds can be selected and replayed.</li> <li>• <b>Driver Pictures:</b> Displays a list of all driver-recorded photos, their time stamps, driver IDs, and recorded comments. Selecting a link from this view displays a pop-up window comprising a map and a picture area where camera feeds can be selected and viewed.</li> <li>• <b>Driver Scorecard:</b> Summarizes alarms per vehicle and records associated driver demerit points, where applicable. Selecting a link in this view displays score details for the selected vehicle.</li> <li>• <b>Reports:</b> Enables report generation. Street Smart Vision currently provides:             <ul style="list-style-type: none"> <li>• Alarm Summary</li> <li>• Behaviors Summary</li> <li>• Event Summary</li> <li>• Coaching Report</li> </ul> </li> </ul> |
|--|--|

- **Applications:** Provides links to FleetLink Reports and FleetLink Maps applications.





# System Status View

System Status View is an overview of the fleet of vehicles within a selected division.









The left-hand panel contains a table showing all vehicles in the division—one row per vehicle.

The right-panel shows a map view of all vehicles in the division, provided that their last reported GPS coordinates are valid.

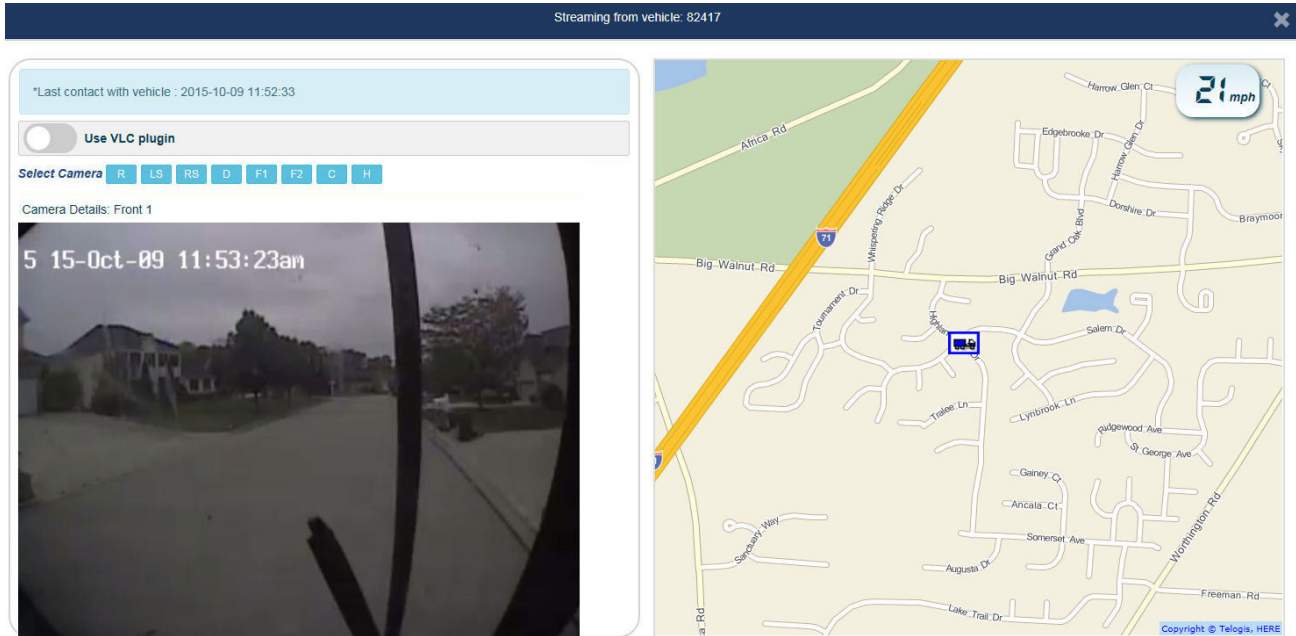
| Controls and Status Indicators |   |
|--------------------------------|---|
|                                | <p>The Divisions menu is a pull-down menu that enables selection of the division of interest, in installations where multiple divisions are present.</p>  |
|                                | <p>The text fields in the header area of the table enable you to filter the table content by Vehicle Name or Driver ID. Clicking on the column title text resorts the table.</p>  |
|                                | <p>The Stream column contains 2 video streaming controls.</p> <ul style="list-style-type: none"> <li>The camera button  selects live video feed.</li> <li>The Film strip button  selects archived video.</li> </ul> |



| Controls and Status Indicators   |  |       |       |  |  |  |       |  |   |
|--|--|-------|-------|--|--|--|-------|--|---|
| <p><b>Vehicle</b></p> <input type="text"/> <p>82859</p>  | <p>The Vehicle column contains the vehicle ID. This is information only, not a hyperlink.</p> <p>Hovering your mouse pointer over a vehicle ID highlights that vehicle in yellow on the map.</p>   |       |       |  |  |  |       |  |   |
|   | <p>The GPS column indicates whether the vehicle's last reported coordinates are valid.</p> <p> = valid</p> <p> = invalid</p> |       |       |  |  |  |       |  |   |
|   | <p>This icon with <b>green</b> LED in the Camera column indicates that the vehicle's cameras are powered on and connected. <b>Red</b> indicates that a camera fault condition exists.</p>  |       |       |  |  |  |       |  |   |
| <p><b>Driver ...</b></p> <input type="text"/> <p>William...</p>  | <p>The Driver ID column contains the name of the driver. This is information only, not a hyperlink.</p>  |       |       |  |  |  |       |  |   |
|    | <p>Double-clicking on any position on the map centers the map on those coordinates.</p>  |       |       |  |  |  |       |  |   |
|   | <p>Clicking on a truck icon on the map displays a pop-up balloon showing vehicle ID, time stamp, and a Live Stream control button.</p>   |       |       |  |  |  |       |  |   |
| <table border="1"> <tbody> <tr> <td></td> <td></td> <td>83461</td> <td></td> </tr> <tr> <td></td> <td></td> <td>82009</td> <td></td> </tr> </tbody> </table> |  |       | 83461 |  |  |  | 82009 |  | <p>Row shading in the table indicates the vehicle's logged-on status.</p> <ul style="list-style-type: none"> <li>• Gray = logged off.</li> <li>• White (or blue) = logged on</li> </ul> |
|  |  | 83461 |       |  |  |  |       |  |   |
|  |  | 82009 |       |  |  |  |       |  |   |

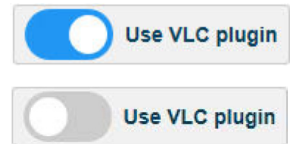
## Live Stream Window

- Select a camera. Live streaming for selected camera displays in the video window. The truck icon on the map moves along its current path, and the vehicle's current speed displays on the speedometer widget.



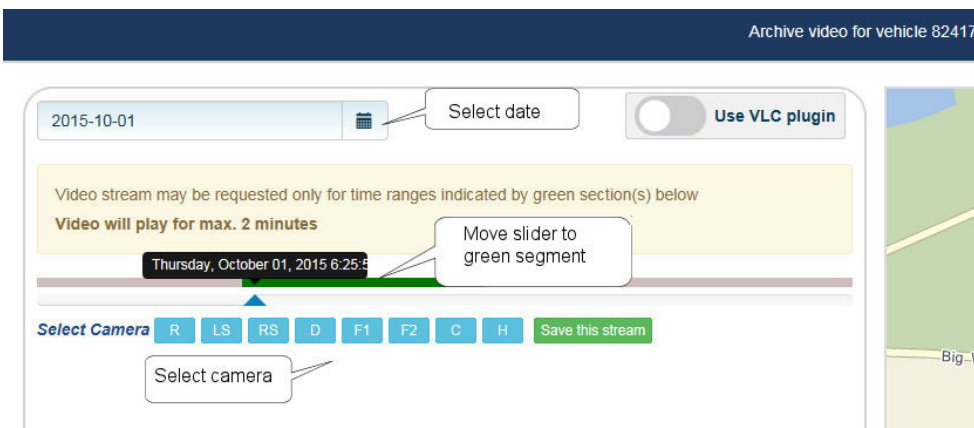
### Note: VLC plug-in

The **Use VLC plugin** toggle switch forces the use of VLC Media Player plug-in in browsers where it is still supported. Otherwise, the video stream is transcoded and played in a browser-supported format, no plug-in required.

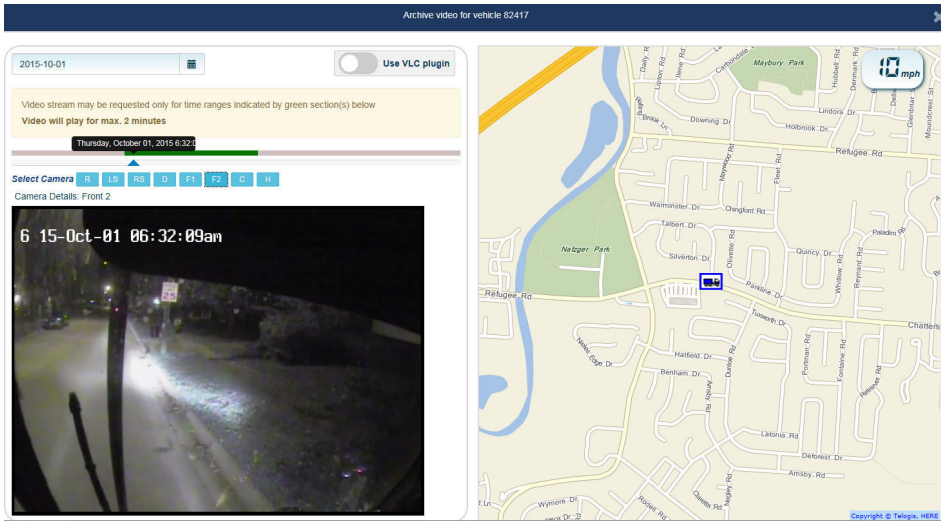


## Archived Video Window

- Select a date from the calendar menu.
- Move the timeline slider to the green segment representing the available video time frame.



- 3. Select a camera.  
Archived video for selected camera displays in the video window.  
The truck icon on the map moves along its current path, and the vehicle's corresponding speed displays on the speedometer widget.



# Events View

Street Smart Vision Events view displays a list of all vehicles that have recorded events, including supervisor-observed, G-Sensor-triggered (accidents), server-related, and driver-initiated. Selecting an event from this view displays a pop-up window comprising a map and a video area where camera feeds can be selected and replayed.

The events are presented in the form of a table, with each row representing a unique event. You can refine results by using the filtering features for each column. (See [Filtering Results](#).)

| Events       |                     |          |                  |          |          |                 |              |                |          |
|--------------|---------------------|----------|------------------|----------|----------|-----------------|--------------|----------------|----------|
| Event        | Event Date Time     | Trigger  | Driver           | Vehicle  | Score    | Observed Be...  | Coached Date | Status         | Notes... |
| Contains     | Contains            | Contains | Contains         | Contains | Contains | Contains        | Contains     |                |          |
| Incident     | 2015-10-05 17:07:58 | Incident | Pancake John     | 83470    | 0        |                 |              | Never Reviewed | +        |
| Incident     | 2015-10-05 18:07:57 | Incident | Pancake John     | 83470    | 0        |                 |              | Never Reviewed | +        |
| Video Upload | 2015-10-05 23:04:37 | Server   | Branch Darrell   | 83267    | 0        |                 |              | Never Reviewed | +        |
| Video Upload | 2015-10-05 23:07:46 | Server   | Branch Darrell   | 83267    | 0        |                 |              | Never Reviewed | +        |
| Video Upload | 2015-10-06 05:31:33 | Server   | Greene Ed        | 83468    | 0        |                 |              | Never Reviewed | +        |
| Incident     | 2015-10-06 08:26:34 | Incident | Williams Derrick | 82852    | 5        | No Seat Belt... |              | Never Reviewed | +        |
| Incident     | 2015-10-06 10:56:52 | Incident | Pancake John     | 83470    | 5        | Smoking         |              | Never Reviewed | +        |
| Incident     | 2015-10-06 13:04:18 | Incident | Pancake John     | 83470    | 5        | Smoking         |              | Never Reviewed | +        |
| Incident     | 2015-10-06 13:08:46 | Incident | Pancake John     | 83470    | 0        |                 |              | Never Reviewed | +        |
| Incident     | 2015-10-06 13:18:55 | Incident | White Devon      | 82821    | 10       | No Seat Belt... |              | Never Reviewed | +        |
| Incident     | 2015-10-06 15:26:49 | Incident | Pancake John     | 83470    | 0        |                 |              | Never Reviewed | +        |
| Incident     | 2015-10-07 07:01:47 | Incident | Greene Ed        | 83468    | 0        |                 |              | Never Reviewed | +        |

Events that have been received by the server and have not been reviewed by a supervisor after a period of 3 days are displayed in red.

Upon reviewing the incident, the supervisor can change its status, and it will display in its normal color thereafter. See [Viewing Event Details](#).

## Using Events View

1. The view displays initially with events for the current day. You can select a different date or range of dates using the From and To calendar menus.
2. If the division of interest is not displayed, select it from the Divisions pull-down menu.
3. Select **Generate**.  
The table refreshes according to your selected options.

## Filtering Results

Every column in the Events table includes a filter control in the table header: a pull-down menu for the Status column, and text fields for all others.

As you type text into the Contains text field for any given column, the table refreshes with records containing that data in the column.

| Driver     | Vehicle  |
|------------|----------|
| John       | Contains |
| Peake John | 83470    |
| Peake John | 83470    |
| Peake John | 83470    |
| Peake John | 83470    |

## Viewing Event Details

You can view Event details by clicking the hyperlinks in the Event and Vehicle columns.

| Event                    | Event Date Time          | Trigger                  | Driver               | Vehicle                  | Score                    |
|--------------------------|--------------------------|--------------------------|----------------------|--------------------------|--------------------------|
| <a href="#">Contains</a> | <a href="#">Contains</a> | <a href="#">Contains</a> | <a href="#">John</a> | <a href="#">Contains</a> | <a href="#">Contains</a> |
| <a href="#">Incident</a> | 2015-10-08 15:24:36      | Incident                 | Peake John           | <a href="#">83470</a>    | 5                        |

An Event Video pop-up displays.

- Select a camera. The event video for selected camera displays in the video window. The truck icon on the map moves along its path, and the vehicle's speed displays on the speedometer widget.

The lower-right panel provides an area where the supervisor can select behaviors based on his observations. Each behavior has an associated score which is applied to the driver's scorecard.

### Note: Editing behaviors

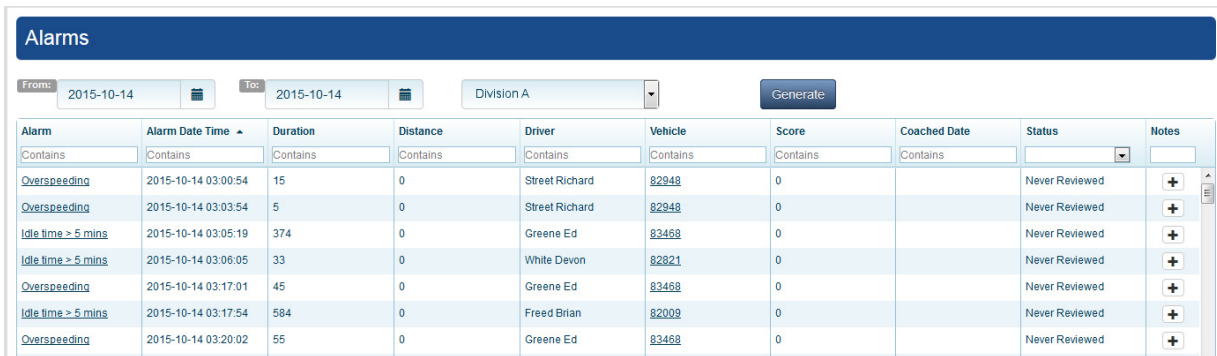
Street Smart Vision provides the capability to define and edit the behaviors that appear in this panel. See [Street Smart Vision Configuration Settings](#).

Any changes made in the behavior panel are saved once the supervisor selects **Save Behavior**.

The supervisor can also change the Status for the incident manually by selecting an option from the Status menu.

# Alarms View

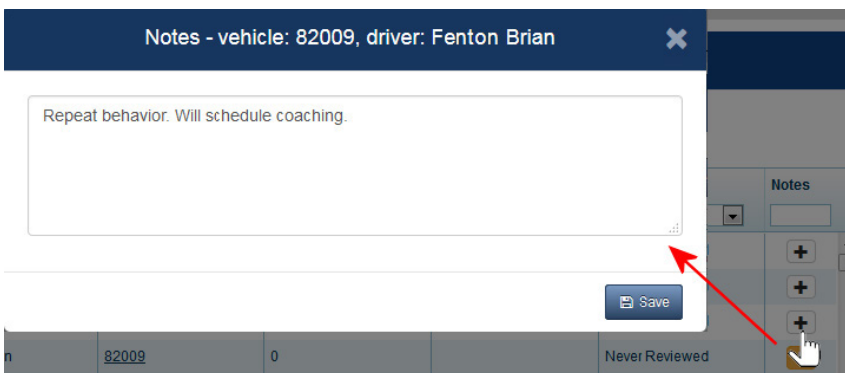
Street Smart Vision Alarms view displays a list of all vehicles that have generated alarms, for example, speeding, hard braking, and excessive idling. Selecting an alarm from this view displays a pop-up window comprising a map area with an icon representing the vehicle's coordinates when the alarm was generated.



| Alarm              | Alarm Date Time     | Duration | Distance | Driver         | Vehicle  | Score    | Coached Date | Status         | Notes |
|--------------------|---------------------|----------|----------|----------------|----------|----------|--------------|----------------|-------|
| Contains           | Contains            | Contains | Contains | Contains       | Contains | Contains | Contains     |                |       |
| Overspeeding       | 2015-10-14 03:00:54 | 15       | 0        | Street Richard | 82948    | 0        |              | Never Reviewed | +     |
| Overspeeding       | 2015-10-14 03:03:54 | 5        | 0        | Street Richard | 82948    | 0        |              | Never Reviewed | +     |
| Idle time > 5 mins | 2015-10-14 03:05:19 | 374      | 0        | Greene Ed      | 83468    | 0        |              | Never Reviewed | +     |
| Idle time > 5 mins | 2015-10-14 03:06:05 | 33       | 0        | White Devon    | 82821    | 0        |              | Never Reviewed | +     |
| Overspeeding       | 2015-10-14 03:17:01 | 45       | 0        | Greene Ed      | 83468    | 0        |              | Never Reviewed | +     |
| Idle time > 5 mins | 2015-10-14 03:17:54 | 584      | 0        | Freed Brian    | 82009    | 0        |              | Never Reviewed | +     |
| Overspeeding       | 2015-10-14 03:20:02 | 55       | 0        | Greene Ed      | 83468    | 0        |              | Never Reviewed | +     |

The alarms are presented in the form of a table, with each row representing a unique instance of an alarm. You can refine results by using the filtering features for each column. (See [Filtering Results](#).)

The supervisor can add notes for any alarm by selecting the plus button in the alarm's **Notes** column.



## Using Alarms View

1. The view displays initially with events for the current day. You can select a different date or range of dates using the From and To calendar menus.
2. If the division of interest is not displayed, select it from the Divisions pull-down menu.
3. Select **Generate**.  
The table refreshes according to your selected options.

## Filtering Results

Every column in the Alarms table includes a filter control in the table header: a pull-down menu for the Status column, and text fields for all others.

As you type text into the Contains text field for any given column, the table refreshes with records containing that data in the column.

| Driver     | Vehicle               |
|------------|-----------------------|
| John       | Contains              |
| Peake John | <a href="#">83470</a> |
| Peake John | <a href="#">83470</a> |
| Peake John | <a href="#">83470</a> |
| Peake John | <a href="#">83470</a> |

## Viewing Alarm Details

You can view Alarm details by clicking the hyperlinks in the Alarm and Vehicle columns.

| Alarm                        | Alarm Date Time     | Duration | Distance | Driver         | Vehicle               |
|------------------------------|---------------------|----------|----------|----------------|-----------------------|
| Contains                     | Contains            | Contains | Contains | Contains       | Contains              |
| <a href="#">Overspeeding</a> | 2015-10-14 03:00:54 | 15       | 0        | Street Richard | <a href="#">82948</a> |

An Alarm pop-up displays.

Alarm, vehicle: 82009
✕

Alarm name: Speed over 65 mph

| Values at begining | Values at end | Extreme values |
|--------------------|---------------|----------------|
| Speed: 148         |               |                |

Speed over 65 mph
Alarm Score: 0
Never Reviewed

The supervisor can change the Status for the alarm manually by selecting an option from the Status menu.

Any changes made in the status menu are saved once the supervisor selects **Save**.

Never Reviewed

Never Reviewed

Reviewed - No Coaching Required

Reviewed Coaching to be Scheduled

Coaching Scheduled

Coaching Completed

Additional Coaching Required

Completed

# Driver Videos View

Street Smart Vision Driver Videos view displays a list of all driver-initiated videos. Selecting a video from this view displays a pop-up window comprising a video player and a map area with an icon representing the vehicle's coordinates.

## Driver Videos

From: 2015-09-01
To: 2015-10-14
Division A
Generate

| Vehicle                               | Video Start Time                      | Driver Name                           | Triggered By                          | Comments                              |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| <input type="text" value="Contains"/> | <input type="text" value="Contains"/> | <input type="text" value="Contains"/> | <input type="text" value="Contains"/> | <input type="text" value="Contains"/> |
| <a href="#">83267</a>                 | 2015-09-02 09:11:00                   | Branch Darrell                        | Driver                                | Overflowing Container                 |
| <a href="#">83461</a>                 | 2015-09-08 11:34:02                   | McCormick Jerry                       | Driver                                | No Access                             |
| <a href="#">83461</a>                 | 2015-09-09 14:30:48                   | McCormick Jerry                       | Driver                                |                                       |
| <a href="#">82859</a>                 | 2015-09-11 03:34:32                   | Williams Derrick                      | Driver                                | Contaminated                          |
| <a href="#">83461</a>                 | 2015-09-11 10:23:22                   | McCormick Jerry                       | Driver                                |                                       |
| <a href="#">82859</a>                 | 2015-09-11 18:07:16                   | Williams Derrick                      | Driver                                |                                       |
| <a href="#">82859</a>                 | 2015-09-12 07:19:32                   | Williams Derrick                      | Driver                                |                                       |

The videos are presented in the form of a table, with each row representing a single set of videos. You can refine results by using the filtering features for each column.

## Using Driver Videos View

1. The view displays initially with videos for the current day. You can select a different date or range of dates using the **From** and **To** calendar menus.
2. If the division of interest is not displayed, select it from the Divisions pull-down menu.
3. Select **Generate**.  
The table refreshes according to your selected options.

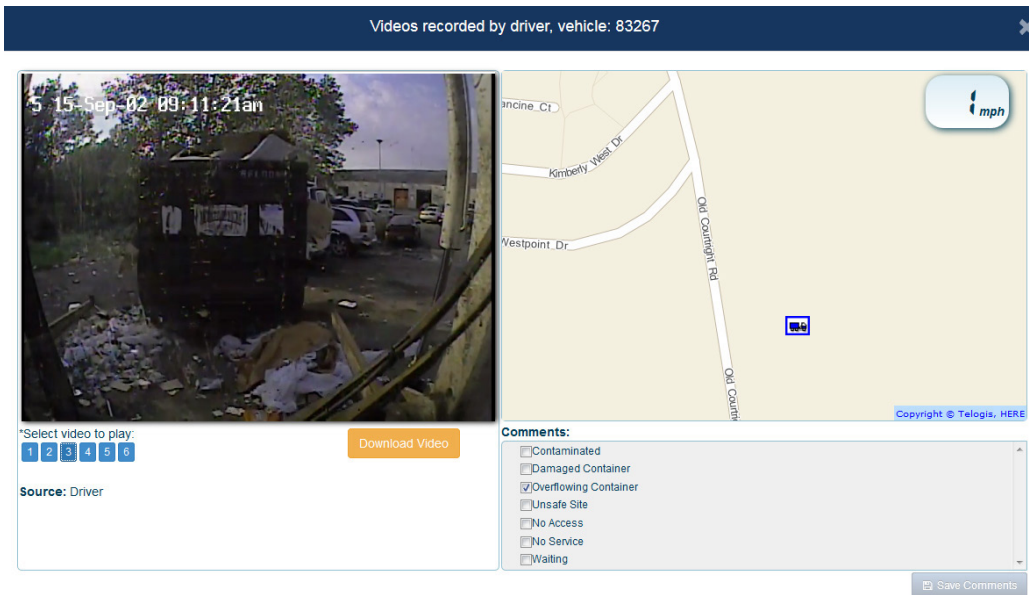
## Viewing Driver Videos

You can view Driver Videos by clicking the hyperlinks in the Vehicle column.

| Vehicle                               | Video S                               |
|---------------------------------------|---------------------------------------|
| <input type="text" value="Contains"/> | <input type="text" value="Contains"/> |
| <a href="#">83267</a>                 | 2015-(                                |

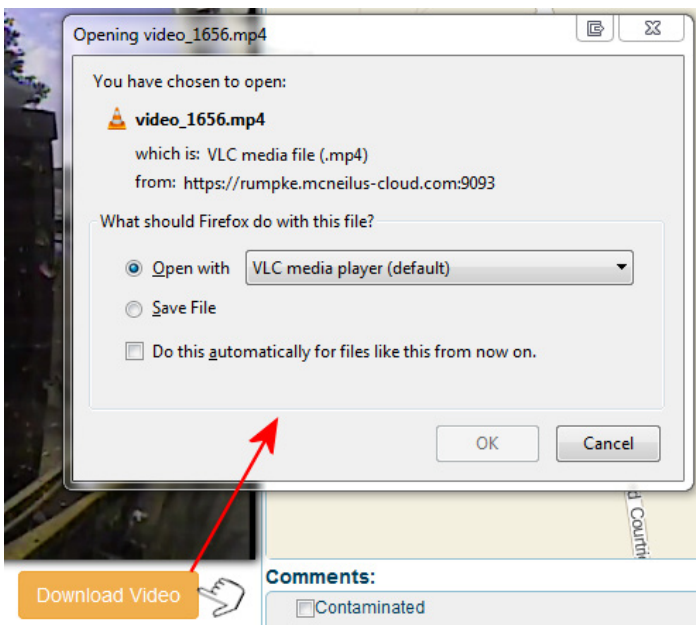


A Driver Video pop-up window displays, where you can select a camera feed and play the video. Vehicle coordinates are displayed on the map, along with a speedometer widget indicating the vehicle's speed.



The supervisor can add comments for the video by selecting the check boxes in the Comments area, and then pressing **Save Comments**.

By selecting the **Download Video** button, the supervisor can download the selected video and save it locally.



# Driver Pictures View

Street Smart Vision Driver Pictures view displays a list of all pictures taken by drivers. Selecting a picture from this view displays a pop-up window comprising a camera selection and view area, and a map area with an icon representing the vehicle's coordinates.

**Driver Pictures**

From:

📅

To:

📅

▼

Generate

| Vehicle  | Picture Time ▲   | Driver Name  | Comments   |
|--|--|--|--|
| <input style="width: 100%;" type="text" value="Contains"/> | <input style="width: 100%;" type="text" value="Contains"/> | <input style="width: 100%;" type="text" value="Contains"/> | <input style="width: 100%;" type="text" value="Contains"/> |
| <a href="#">83461</a>                                      | 2015-09-08 11:34:23  | McCormick Jerry  |  |
| <a href="#">83461</a>                                      | 2015-09-08 11:34:27  | McCormick Jerry  | No Access  |
| <a href="#">83468</a>                                      | 2015-09-09 13:07:26  | Greene Ed  | No Access  |
| <a href="#">83461</a>                                      | 2015-09-09 14:30:50  | McCormick Jerry  |  |

The pictures are presented in the form of a table, with each row representing a single set of pictures. You can refine results by using the filtering features for each column.

## Using Driver Pictures View

1. The view displays initially with pictures for the current day. You can select a different date or range of dates using the **From** and **To** calendar menus.
2. If the division of interest is not displayed, select it from the Divisions pull-down menu.
3. Select **Generate**.

The table refreshes according to your selected options.

## Viewing Driver Pictures

You can view Driver Pictures by clicking the hyperlinks in the Vehicle column.

| Vehicle  | Video S  |
|--|--|
| <input style="width: 100%;" type="text" value="Contains"/> | <input style="width: 100%;" type="text" value="Contains"/> |
| <a href="#">83267</a>                                      | 2015-0   |

A Driver Pictures pop-up window displays, where you can view photos from all cameras by paging forward and backwards using the **Previous** and **Next** controls in the picture pane. Vehicle coordinates are displayed on the map.

Pictures recorded by vehicle: 83468

6 15-Sep-09 01:07:28pm

Comments:

- Contaminated
- Damaged Container
- Overflowing Container
- Unsafe Site
- No Access
- No Service
- Waiting

Save Comments

The supervisor can add comments for the pictures by selecting the check boxes in the Comments area, and then pressing **Save Comments**.

# Driver Scorecard View

The Driver Scorecard provides a view of how efficiently your drivers are using the FleetLink Mobile system, awarding (or deducting) points based on drivers' compliance with Key Performance Indicators (KPIs), safety requirements, and company procedures.

The numbers in the Total Items and Total Score columns are calculated based on a combination of driver-generated alarms and supervisor-observed behavior during review of alarms and events.

**Driver Scorecard**

From: 2015-10-14 
To: 2015-10-14 
Division A 
Generate

| Vehicle                               | Driver Name                           | Total Items | Total Score |
|---------------------------------------|---------------------------------------|-------------|-------------|
| <input type="text" value="Contains"/> | <input type="text" value="Contains"/> |             |             |
| <a href="#">82002</a>                 | Jones Roy                             | 71          | 0           |
| <a href="#">82009</a>                 | Jones Brian                           | 142         | 0           |
| <a href="#">82417</a>                 | Jones Jody                            | 17          | 0           |
| <a href="#">82821</a>                 | Jones Devon                           | 39          | 15          |
| <a href="#">82859</a>                 | Jones Derrick                         | 34          | 5           |
| <a href="#">82948</a>                 | Jones Richard                         | 65          | 0           |
| <a href="#">82990</a>                 | Jones Jesse                           | 37          | 0           |
| <a href="#">83461</a>                 | Jones Jerry                           | 19          | 0           |
| <a href="#">83468</a>                 | Jones Ed                              | 74          | 0           |
| <a href="#">83470</a>                 | Jones John                            | 19          | 35          |

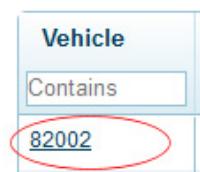
## Using the Driver Scorecard

1. The view displays initially with scores for the current day. You can select a different date or range of dates using the **From** and **To** calendar menus.
2. If the division of interest is not displayed, select it from the Divisions pull-down menu.
3. Select **Generate**.

The table refreshes according to your selected options.

## Viewing Driver Score Details

You can view Driver Score Details by clicking the hyperlinks in the Vehicle column. The view refreshes, displaying all scoring information for the selected day or date range.



**Driver Scorecard**

From: 2015-10-14 To: 2015-10-14 Division A Generate

| Vehicle | Driver Name   | Total Items | Total Score |
|---------|---------------|-------------|-------------|
| 82002   | Jones Roy     | 71          | 0           |
| 82009   | Jones Brian   | 142         | 0           |
| 82417   | Jones Jody    | 17          | 0           |
| 82821   | Jones Devon   | 39          | 15          |
| 82859   | Jones Derrick | 34          | 5           |
| 82948   | Jones Richard | 65          | 0           |
| 82990   | Jones Jesse   | 37          | 0           |
| 83461   | Jones Jerry   | 19          | 0           |
| 83468   | Jones Ed      | 74          | 0           |
| 83470   | Jones John    | 19          | 35          |

Score Details for Vehicle: 82002

| Type                | Start Time Ts       | Comments | Score |
|---------------------|---------------------|----------|-------|
| Alarm: Overspeeding | 2015-10-14 12:58:46 |          | 0     |
| Alarm: Overspeeding | 2015-10-14 13:25:39 |          | 0     |
| Alarm: Overspeeding | 2015-10-14 13:27:29 |          | 0     |
| Alarm: Overspeeding | 2015-10-14 13:31:00 |          | 0     |
| Alarm: Overspeeding | 2015-10-14 13:33:00 |          | 0     |
| Alarm: Hard braking | 2015-10-14 13:34:11 |          | 0     |
| Alarm: Hard braking | 2015-10-14 13:34:51 |          | 0     |
| Alarm: Hard braking | 2015-10-14 13:44:03 |          | 0     |
| Alarm: Overspeeding | 2015-10-14 14:25:58 |          | 0     |
| Alarm: Hard braking | 2015-10-14 14:28:39 |          | 0     |
| Alarm: Overspeeding | 2015-10-14 14:28:48 |          | 0     |
| Alarm: Overspeeding | 2015-10-14 14:31:08 |          | 0     |
| Alarm: Hard braking | 2015-10-14 14:32:19 |          | 0     |
| Alarm: Overspeeding | 2015-10-14 14:39:39 |          | 0     |
| Alarm: Hard braking | 2015-10-14 14:39:50 |          | 0     |

To view details for any item, select an alarm from the Type column of the Score Details panel. The alarm details display in a new pop-up window. See [Alarms View](#).

Alarm, vehicle: 82002 ✕

**Alarm name:** Speed over 65 mph

Speed over 65 mph
Alarm Score: 0
Never Reviewed ▼

Save Behaviour

# Reports View

Street Smart Vision Reports View enables you to capture total occurrences of alarms, events and observed behaviors broken down per driver.

The following views are provided in Reports:

- [Alarms](#)
- [Behaviors](#)
- [Events](#)
- [Coaching](#)

## Alarm Summary

Street Smart Vision's Report view provides an Alarm Summary Report.

**Reports - Alarm Summary**

From: 2015-10-23 To: 2015-10-23 Division A Generate

| Alarm Name                            | Nbr of Occurrences |
|---------------------------------------|--------------------|
| Contains                              |                    |
| <a href="#">Overspeeding</a>          | 193                |
| <a href="#">Idle time &gt; 5 mins</a> | 26                 |
| <a href="#">Hard braking</a>          | 28                 |

Annotations: 1 - Select date range, 2 - Select division, 3 - Press Generate

The main panel shows a list of alarms and their number of instances for the selected date range and division. Clicking on the alarm name displays a per-driver breakdown.

**Reports - Alarm Summary**

From: 2015-10-23 To: 2015-10-23 Division A Generate

| Alarm Name                            | Nbr of Occurrences | Driver Name   | Nbr of Occurrences |
|---------------------------------------|--------------------|---------------|--------------------|
| Contains                              |                    | Contains      |                    |
| <b>Overspeeding</b>                   | <b>193</b>         | Smith Richard | 37                 |
| <a href="#">Idle time &gt; 5 mins</a> | 26                 | Smith Ed      | 64                 |
| <a href="#">Hard braking</a>          | 28                 | Smith John    | 13                 |
|                                       |                    | Smith Jesse   | 25                 |
|                                       |                    | Smith Jody    | 4                  |
|                                       |                    | Smith Devon   | 4                  |
|                                       |                    | Smith Derrick | 2                  |
|                                       |                    | Smith Roy     | 19                 |
|                                       |                    | Smith Brian   | 25                 |

Note: A red dashed arrow points from the 'Overspeeding' row in the first table to the driver breakdown table.

# Behaviors Summary

Street Smart Vision's Behaviors Summary Report enables supervisors to review a summary of behaviors broken down by driver.

1. Select a date range and a division and then press **Generate**.  
The left-hand panel displays a list of behaviors and their number of instances for the selected date range and division.
2. Clicking on a behavior displays a per-driver breakdown of behaviors in the right-hand panel.

**Reports - Behaviours Summary**

From: 2015-10-01 To: 2015-10-27 Division A Generate

| Observed Behaviour               | Nbr of Occurences | Driver Name   | Nbr of Occurences |
|----------------------------------|-------------------|---------------|-------------------|
| Cell Phone Use                   | 7                 | Smith Jody    | 1                 |
| Food or Drink                    | 1                 | Smith Devon   | 5                 |
| <b>No Seat Belt Driver</b>       | <b>21</b>         | Smith Derrick | 7                 |
| No Seat Belt Passenger           | 8                 | Smith Richard | 2                 |
| Not Stopping At a Stop or on Red | 1                 | Smith Jesse   | 1                 |
| Smoking                          | 11                | Smith Ed      | 3                 |
|                                  |                   | Smith John    | 2                 |
| total: 49                        |                   | total: 21     |                   |

Clicking the arrow button  hides the right-hand panel.

## Event Summary

Street Smart Vision's Event Summary Report enables supervisors to review a summary of events broken down by driver.

1. Select a date range and a division and then press **Generate**.  
The left-hand panel displays a list of events and their number of instances for the selected date range and division.
2. Clicking on an event displays a per-driver breakdown of events in the right-hand panel.

Clicking the arrow button  hides the right-hand panel.

## Coaching

Street Smart Vision's Coaching Report enables supervisors to review a summary of items that may necessitate driver coaching.

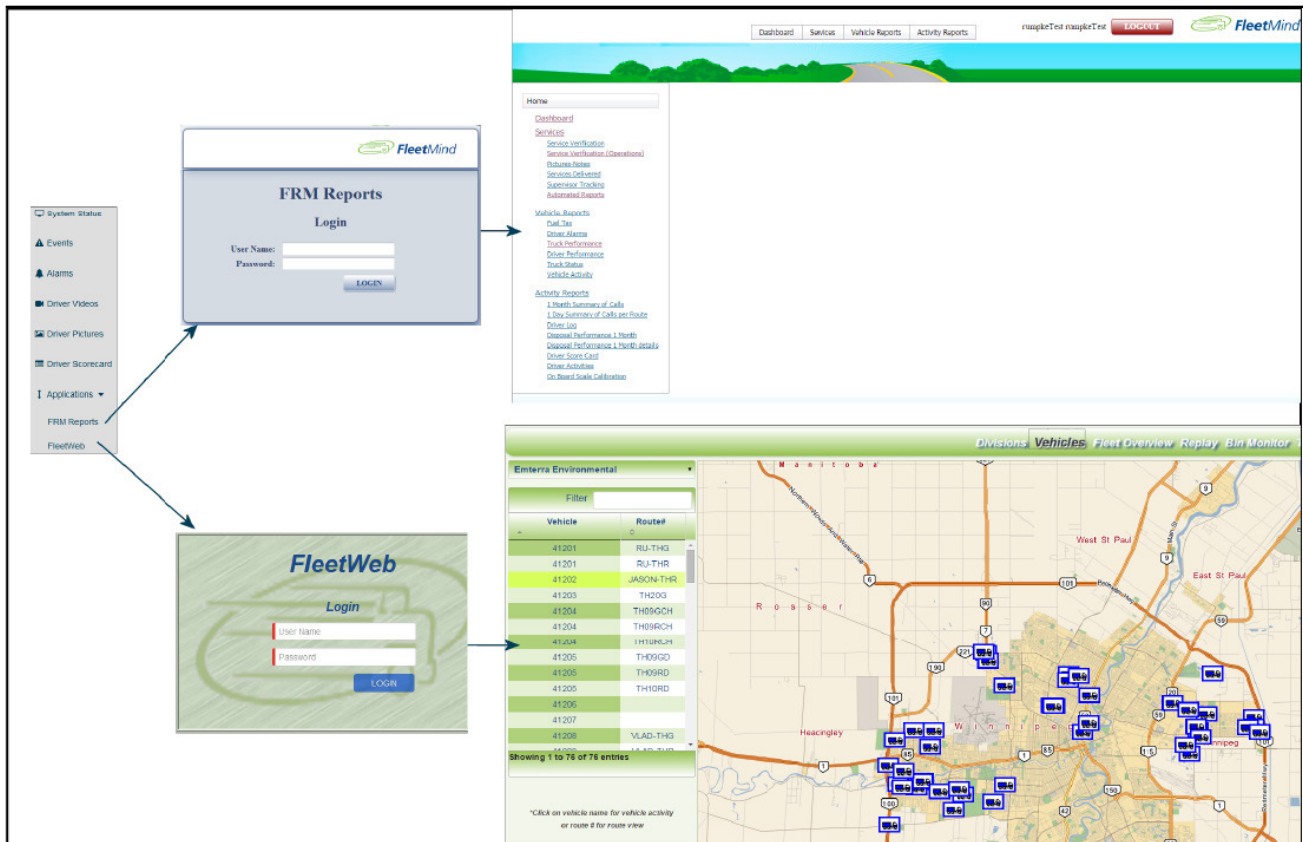
1. Select a date range and a division and then press **Generate**.  
The left-hand panel displays a list of items and their number of instances for the selected date range and division.
2. Clicking on an item displays a per-driver breakdown in the right-hand panel.



# Applications View

Street Smart Vision Applications view provides quick links to other applications integrated into your installation. Currently, FleetLink Maps and FleetLink Reports are supported.

1. Select the hyperlink for the appropriate application.
2. Log on to the application using your credentials, as provided by your System Administrator.



# Suggested Camera Locations and Settings

Optimal camera configuration will ultimately depend on customer preference and the requirements involved for the various types of waste collection. As a guideline, FleetMind proposes the following configurations based on actual installations performed by our installation team.

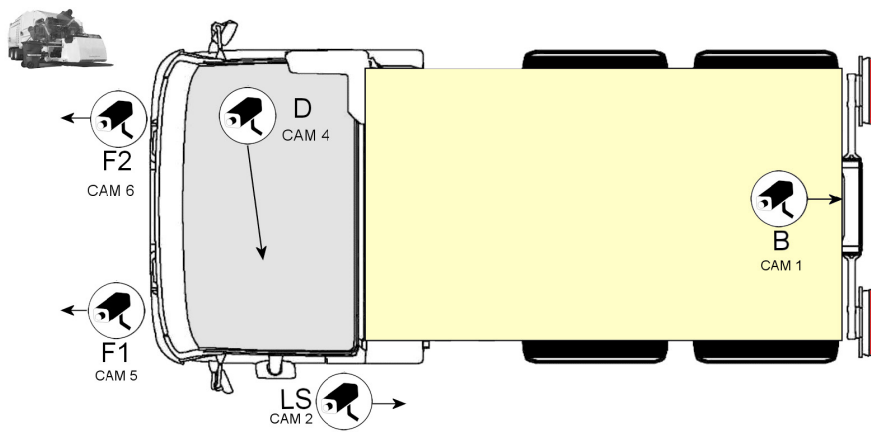
**Note: Camera locations**

The configurations presented here are “minimal” configurations, i.e., not all 8 cameras are used in each scenario. You can use as many cameras as you deem appropriate for your particular application.

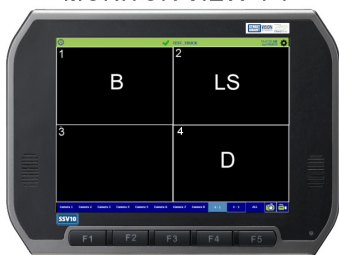
## Legend

| Cam number (as specified on DVR wiring diagrams) | Description                 |
|--|-----------------------------|
| 1  | (B) Backup/reverse          |
| 2  | (LS) Left Side / (A) Alley  |
| 3  | (RS) Right Side / (A) Alley |
| 4  | (D) Driver </td             |
| 5  | (F1) Front 1                |
| 6  | (F2) Front 2                |
| 7  | (C) Curb                    |
| 8  | (H) Hopper                  |

## Residential Front-Load (Curotto-Can)



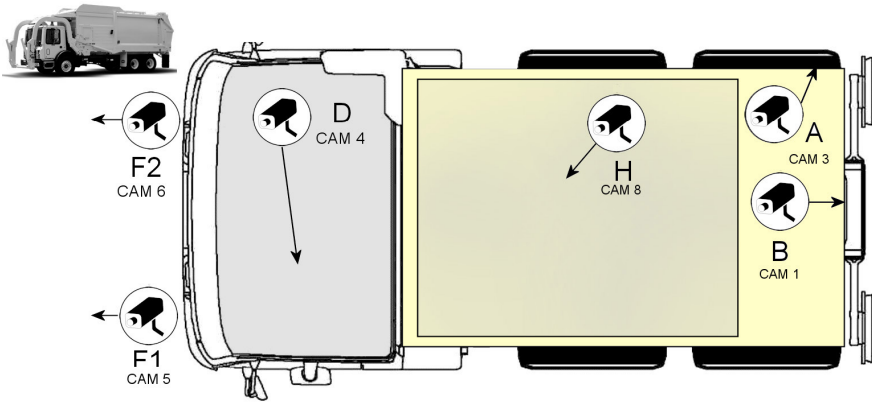
MONITOR VIEW 4-1



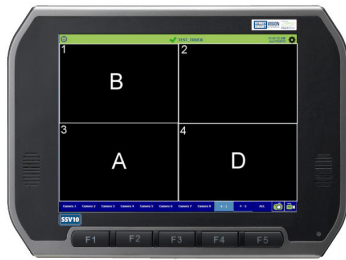
MONITOR VIEW 4-2



# Commercial Front-Load



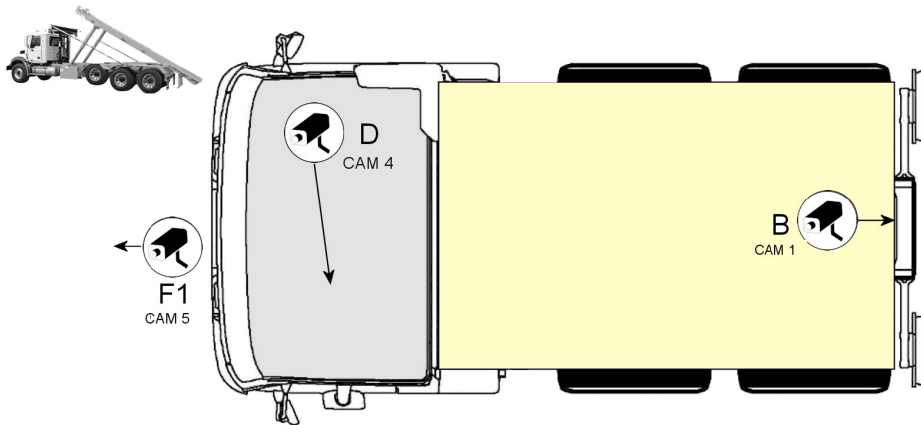
MONITOR VIEW 4-1



MONITOR VIEW 4-2



# Roll-off and Rear-Load



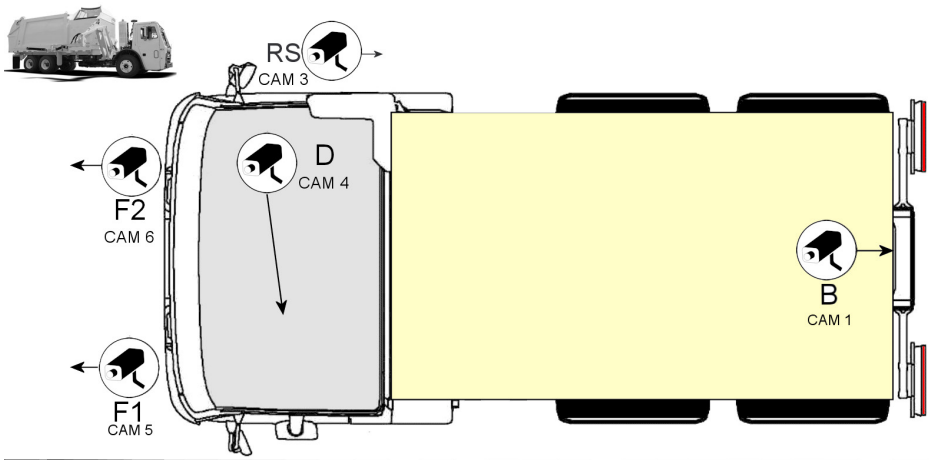
MONITOR VIEW 4-1



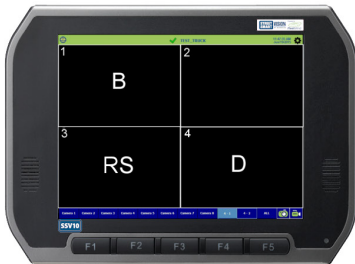
MONITOR VIEW 4-2



# Residential Side-Load



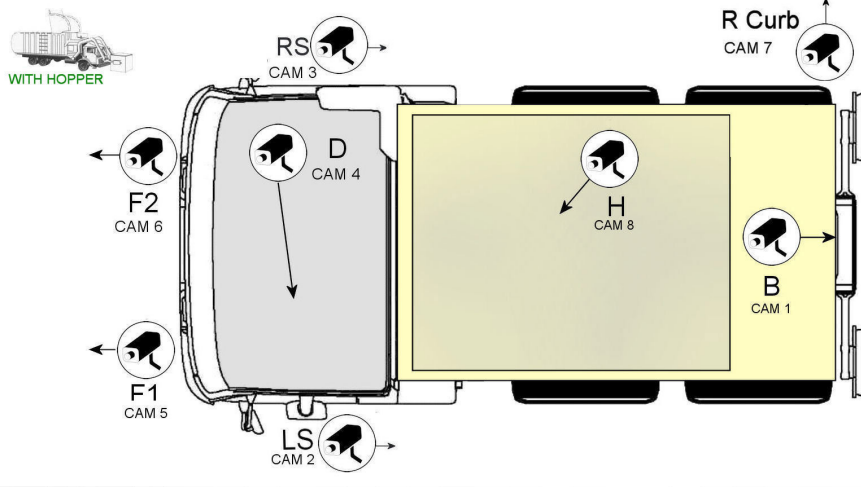
MONITOR VIEW 4-1



MONITOR VIEW 4-2



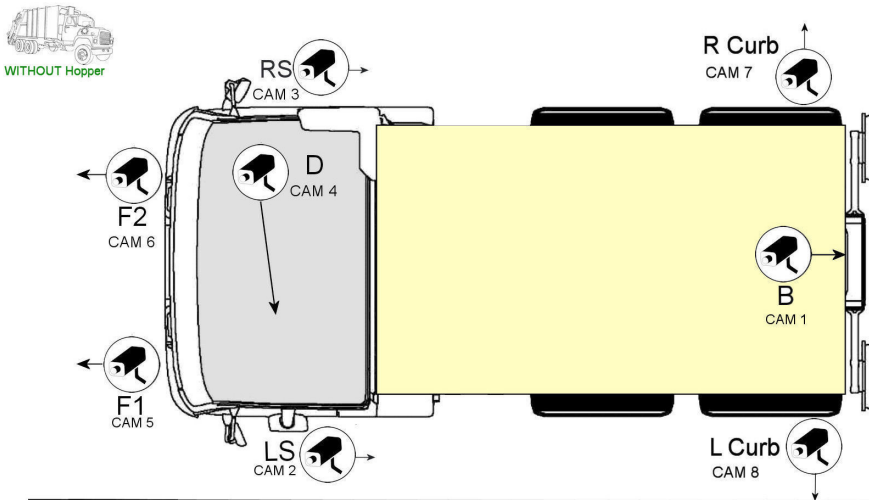
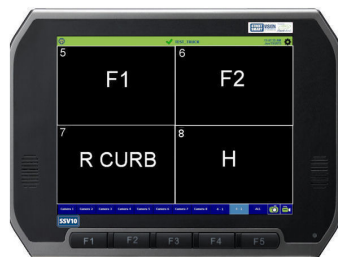
# 8-Camera Options (with and without hopper)



MONITOR VIEW 4-1



MONITOR VIEW 4-2



MONITOR VIEW 4-1



MONITOR VIEW 4-2



# Configuration Settings

Street Smart Vision enables users to define and edit the following settings:

- [Driver Behaviors.](#)

| Behaviour:                                   | Score: 0 | Status: Never Reviewed |
|--|----------|------------------------|
| <input type="checkbox"/> Cell Phone Use      | 5        |                        |
| <input type="checkbox"/> Food or Drink       | 5        |                        |
| <input type="checkbox"/> No Seat Belt Driver | 5        |                        |

- [Alarm scores.](#)

| Alarms             |          |
|--------------------|----------|
| Alarm              | Score    |
| Contains           | Contains |
| Overspeeding       | 2        |
| Hard braking       | 1        |
| Idle time > 5 mins | 0        |

- [Review comments.](#)

| Comments:   |
|---|
| <input type="checkbox"/> Contaminated                     |
| <input type="checkbox"/> Damaged Container                |
| <input type="checkbox"/> No Access                        |
| <input type="checkbox"/> No Service                       |
| <input checked="" type="checkbox"/> Overflowing Container |
| <input type="checkbox"/> Unsafe Site                      |
| <input type="checkbox"/> Waiting                          |

To make configuration changes:

1. Click on your user name (displayed in the upper-right corner of the screen), and select **Settings**. The Configuration Settings page displays.

The screenshot shows the 'Configuration Settings' interface with three main panels:

- Alarm Scores:** A list of 15 alarm types, each with a numeric score field (all set to 0) and a 'Save Points' button at the bottom.
- Observed Behaviour:** A list of 11 behaviors with checkboxes, scores, and status icons. Behaviors like 'Cell Phone Use', 'Food or Drink', 'No Seat Belt Driver', 'No Seat Belt Passenger', 'No Turn Signal On Turn', 'Smoking', and 'Writing / Reading while driving' have a score of 5 and a green power icon. 'Not Stopping At a Stop or on Red' has a score of 15 and a green power icon. 'Test' has a score of 5 and a red power icon.
- Review Comment:** A list of 10 comment types with checkboxes and status icons. 'Contaminated', 'Damaged Container', 'No Access', 'No Service', 'Overflowing Container', 'Unsafe Site', and 'Waiting' have a green power icon. 'Test' has a red power icon.

A legend at the bottom indicates that a red power icon means 'Indicates deactivated Comment/Behaviour. Deactivated items will not be available for selection on review screens'.

## Alarm Scores

A predefined set of alarms is configured in the FleetLink Command Center. As such, alarms cannot be added, deleted, nor modified within the Street Smart Vision application. Users can, however, define the alarm scores (i.e., the "demerit" points) associated with each alarm, which may be committed to the Driver Scorecard.

To define an alarm score:

1. Type a numeric value into the alarm's text field.

This close-up shows the 'Alarm Scores' panel with three entries:

- Leaving Route Geozone Alarm:** Score field contains '0'.
- Overspeeding:** Score field contains '2'.
- Residential confirmation distance is too long:** Score field contains '0'.

2. Select the **Save Points** button. The new score will now be associated with all subsequently triggered alarms. Previously generated instances of the alarm are not affected by this change.

## Observed Behavior

The Observed Behavior panel displays a list of driver behaviors that a supervisor can log when reviewing videos and pictures in Street Smart Vision.


Using the Observed Behavior panel, you can do the following:

- Add a new behavior.
- Edit an existing behavior description.
- Assign points for the behavior.
- Activate and deactivate the behavior.

### Note: Deactivated behaviors

Deactivated behaviors do not display in the behaviors panel during review of videos and pictures.

## Adding New Behavior


1. Select the **Add** button. 
2. In the Add new behavior dialog, enter a code, description, and score, and then select **Save**.

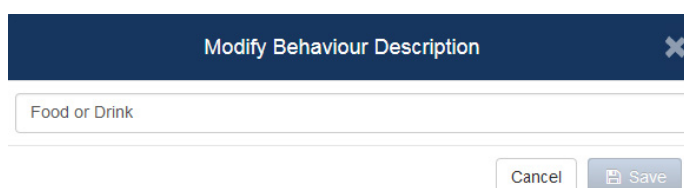


The new behavior is added to the list of behaviors on the Events view.

| Behaviour:  | Score: 0 | Status: Never Reviewed |
|---|----------|------------------------|
| <input type="checkbox"/> Cell Phone Use                                   | 5        |                        |
| <input type="checkbox"/> Fashion faux pas - Wearing White after Labor Day | 1        |                        |
| <input type="checkbox"/> Food or Drink                                    | 5        |                        |
| <input type="checkbox"/> No Seat Belt Driver                              | 5        |                        |
| <input type="checkbox"/> No Seat Belt Passenger                           | 5        |                        |
| <input type="checkbox"/> No Turn Signal On Turn                           | 5        |                        |

## Editing a Behavior

1. Select the behavior's **Edit** button. 
2. In the Modify Behavior Description dialog, enter a code, description, and score, and then select **Save**.





## Deleting a Behavior

### Note: Deleting behaviors

Behaviors in Street Smart Vision cannot be deleted—they can only be deactivated.

## Activating and Deactivating Behavior Descriptions

Each behavior has an activation control button. When you deactivate a behavior, it does not display in the list of available behaviors on video and picture review pages.



**GREEN** indicates that the behavior is active.



**RED** indicates that the behavior is inactive.

Deactivated items are grayed out and no modifications are possible.

## Review Comments

The Review Comments panel displays a list of comments that a supervisor can log when reviewing videos and pictures in Street Smart Vision.

### Note: Comments procedures

The procedures for performing the operations that follow are identical to those described for Observed Behaviors.

Using the Review Comments panel, you can do the following:

- Add a new comment.
- Edit an existing comment.
- Assign points for the comment.
- Activate and deactivate the comment.

### Note: Deactivated comments

Deactivated comments do not display in the Comments panel during review of videos and pictures.

# Support Information

## Contact customer service

- Technical Support: 1.888.639.1666
- General Enquiries: 1.888.639.1666
- Email: [support@fleetmind.com](mailto:support@fleetmind.com)

## Product information

For product information and related documentation, please visit the Safe Fleet Community:

- <https://community.seon.com/>

Please contact Technical Support if you do not have credentials to log in.