SMARTDRIVE PROTECT FLEET MANAGER USER GUIDE

What is SmartDrive Protect?

SmartDrive Protect is a powerful video telematics fleet tool. It protects the driver and fleet, provides in-cab coaching, identifies risky driving, and promotes driver engagement. This user guide will help users better understand features and functionality of the web site.

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System Requirements

The **Fleet Portal** is supported on the following:

Operating Systems

Windows OS, Macintosh OS, and Linux-based OS

Devices

Desktops, laptops, tablets, and most Android phones with a six inch or larger display.

It can be viewed using the following web browsers:

Browser	Minimum Version
Google Chrome	Two most recent versions
Microsoft Edge	Two most recent major versions
Apple Safari	Two most recent major versions
Mozilla Firefox	Latest and extended support release (ESR)

Note:

- Not supported on Internet Explorer.
- Due to screen limitations using the Live View feature, we do NOT recommend using Apple's iPhone Safari for this feature.

Login: https://protect.smartdrive.net/login

The **SmartDrive Protect Companion** app is available in the Apple or Google Play store to install on your iOS or Android phone or tablet.

- Search for **SmartDrive Protect Companion**
- The App is only supported in portrait mode.
- The App requires Bluetooth services to connect to the device.

Contact Us

If you need assistance, we are here to help! Please contact us via phone at **(800) 541-7490**, (Option 2 then Option 6), email at **protectsupport@solera.com**, or web at https://www.omnitracs.com/contact-us.

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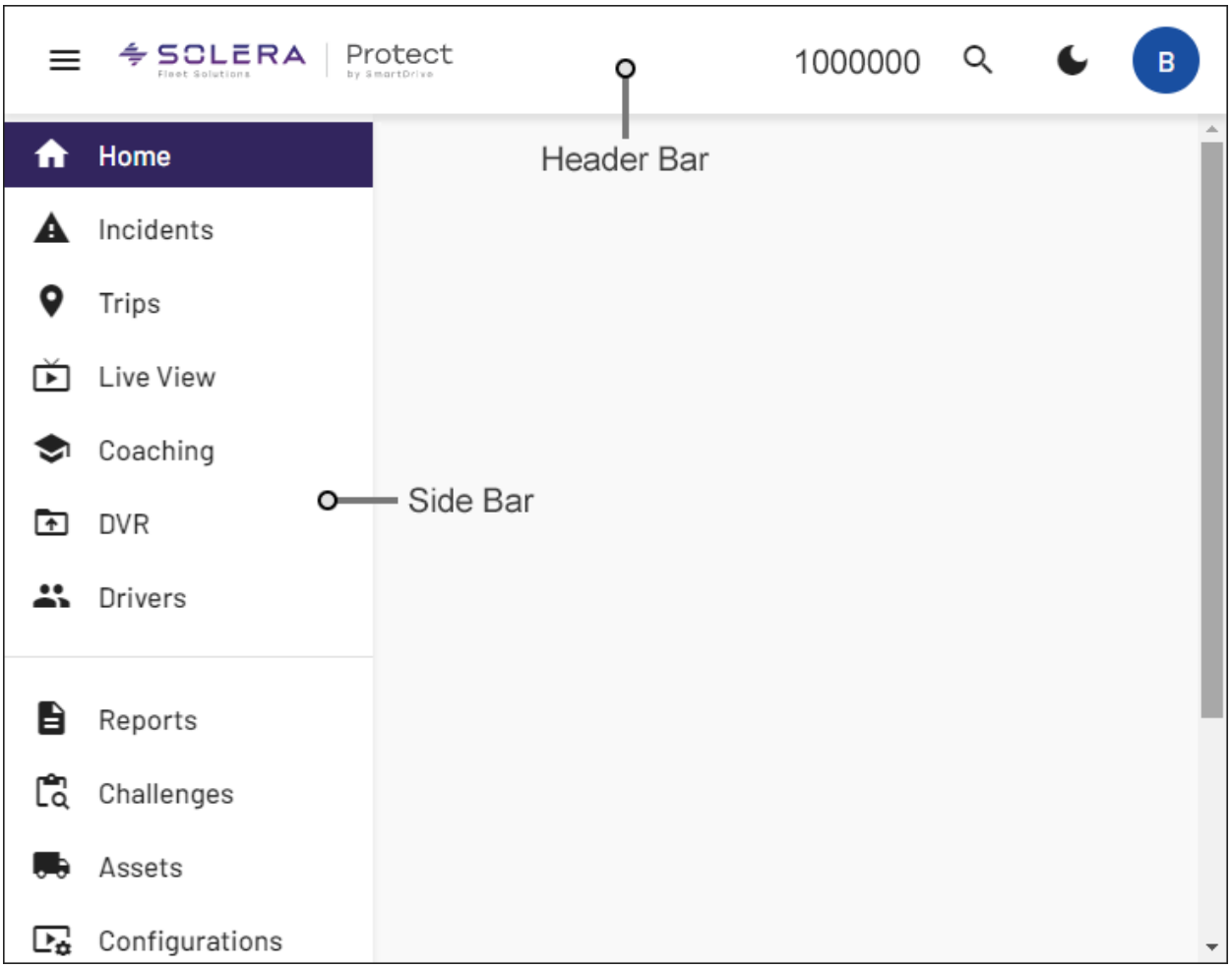
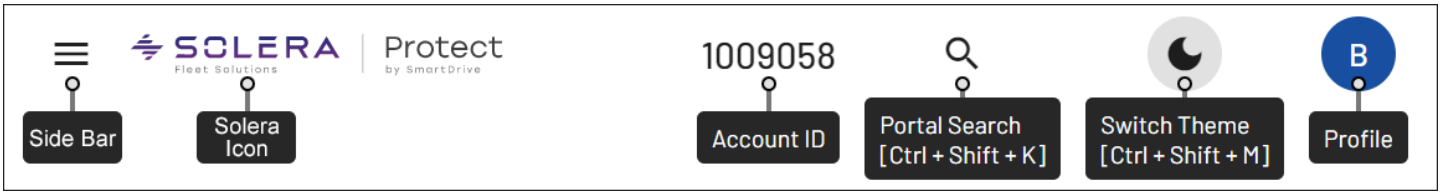
All Pages

All pages have a Header Bar and a Side Bar.



Header Bar

The Header Bar is available on every page and provides key features such as displaying the side bar menu, the ability to return to the home page, searching for drivers, and setting preferences such as language and date format.



- Use the **Hamburger icon to access the side bar** which provides options to navigate within the portal.
- Use the **Solera icon** to return to the Home page.
- View your **Account ID**.
- Search portal using the **Portal Search** feature to quickly navigate to content such as coaching, drivers, or DVR.
- Use the **Switch Theme** icon to switch between the normal (white background) and dark mode.
- Use the **Profile** icon to
  - Switch between accounts (if you have more than one)
  - Establish your preferred language, time zone, metric unit, and date format from the Settings option.
  - View Keyboard Shortcuts
  - View Feature Announcements
  - Logout

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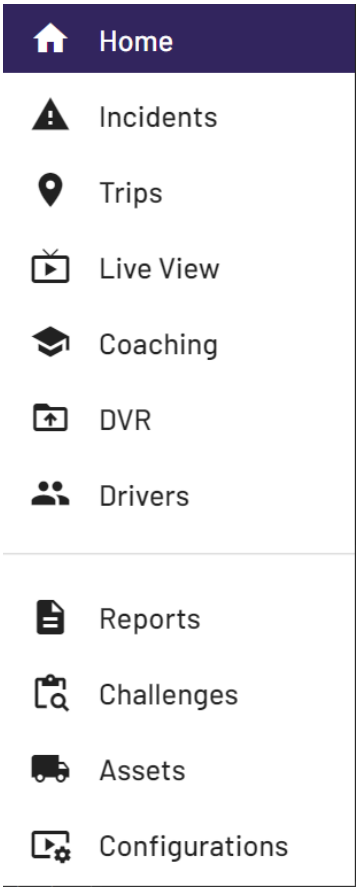
Side Bar

The Side Bar provides navigation to all sections of the Fleet Portal.



Home

Select the **Home** tab to return to the Home page.

Incidents

Select the **Incidents** tab to view incidents.

Trips

Select **Trips** to display a list of Trips and Active Drivers.

Live View

Select of **Live View** to displays a map showing the location of Assets.

Coaching

Select **Coaching** to view the coaching panel to view your coaching status.

DVR

Select **DVR** to display a list of video requests. Filter the results using the DVR, Panic, or E-DVR options.

Drivers

Select **Drivers** to search for driver information. Filter by Driver ID or Date Range.

Reports

Select **Reports** to view and download the Fleet Safety report.

Challenges

Select **Challenges** to view incidents that have been disputed by the driver as being either not accurate, or not a fair representation of the driver's actions, through the driver's mobile companion app.

Assets

Slick on **Assets** to view a list of assets and devices assigned to the fleet. Provides the ability to rename/reassign the Asset ID for a device and assign a default Driver ID to an asset.

Configurations

Select **Configurations** to view parameters that relate to each type of incident, such as incident thresholds and video configurations that need to be configured separately for each Duty Type - Heavy/Medium/Light.

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Home Page

The Home page displays a summary of the number of trips, distance travelled, duration, and change in the number of incidents. The **Recommended Incidents** section displays the most severe events across all vehicles within the fleet.

The **Top Drivers** section lists the top drivers within the fleet.

- Drivers who have driven at least 100 miles AND have less than 10 events per 100 miles on average are shown in the Top Driver's list.

The **Require Coaching** section shows the list of drivers who require coaching. It also shows the most frequent violations for each driver.

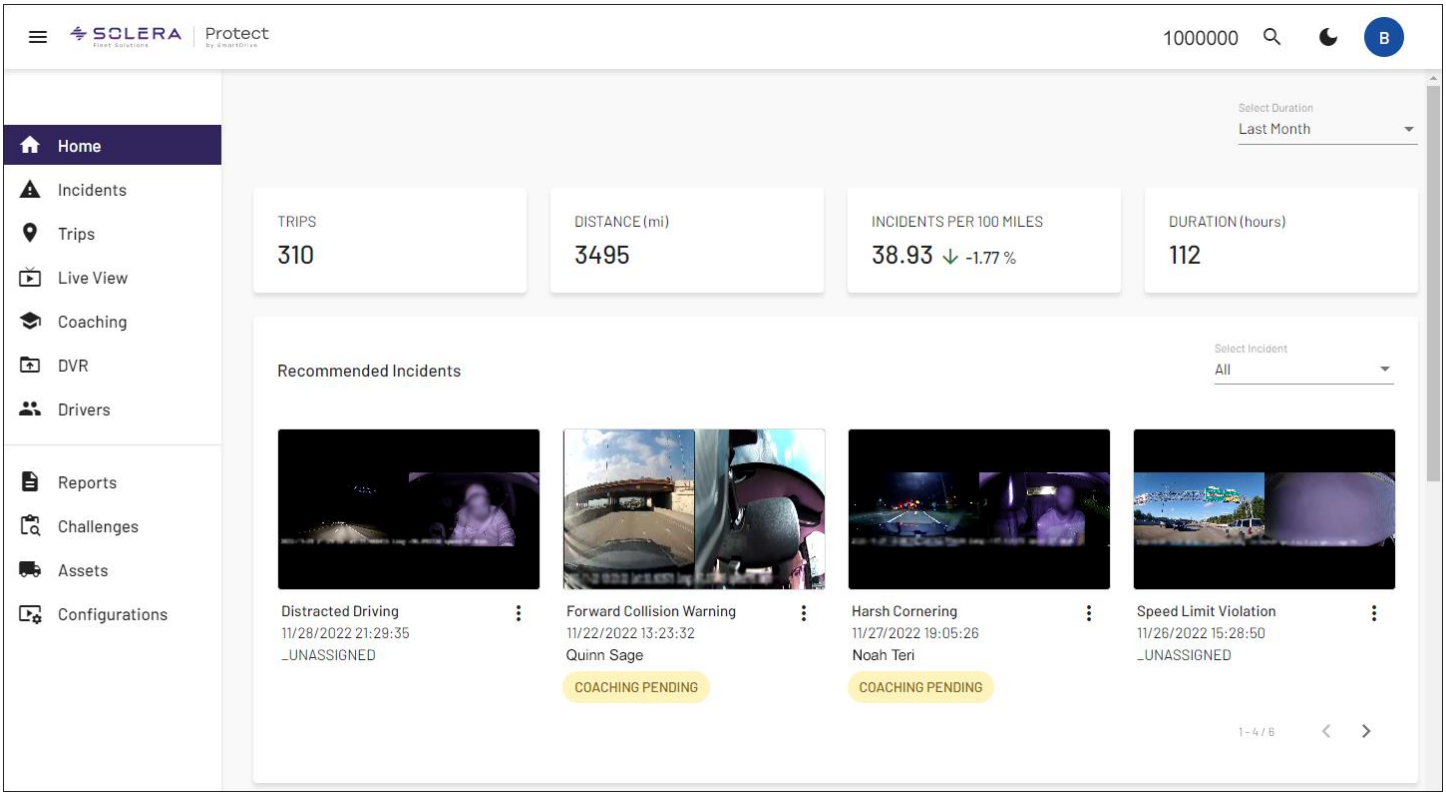
- Drivers who have driven at least 100 miles AND have more than 25 events per 100 miles on average are shown in the Required coaching list.

The **Incident Summary** displays a breakdown of several types of events across the fleet as a percentage of the total number of observed events. The **Incident Trend** section shows the trend of the selected type of events for the past few days.

Home	Select the **Hamburger** icon ☰ to display the side bar. Select the **Home** option to open the page.

The Home page has the following sections:

- Fleet Statistics
- Recommended Incidents
- Top Drivers and Require Coaching Lists
- Incident Summary and Incident Trend Charts



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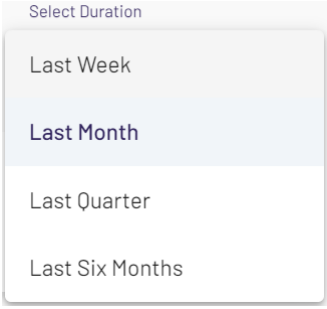


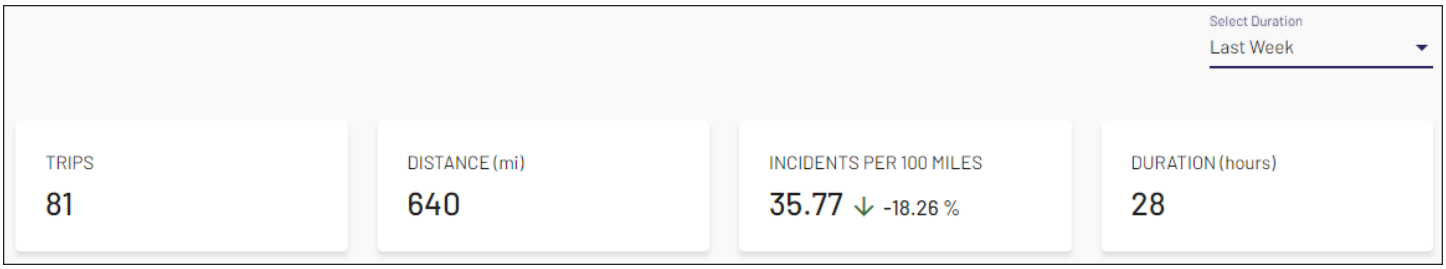
Fleet Statistics

On the home page, the first thing you should do is select the **Duration**.

Select the **Duration** field to choose one of the following:

- Last Week
- Last Month
- Last Quarter
- Last Six Months

Based on your selection, data is displayed which includes the number of trips, the total distance driven, the number of incidents per 100 miles, and the total number of hours driven to help you manage your fleet.



Recommended Incidents

Recommended Incidents are a sorted list (in descending order) of incidents based on severity. Each incident has an associated severity metric - e.g., for speed limit violations it is the difference of the vehicle speed and the posted limit.

Use the **Select Incident** option to select **All** Incidents or a particular incident type. When **All** Incidents are selected, the most severe incident for each category is displayed. When a particular incident type is selected, the list is sorted displaying violations of the category.

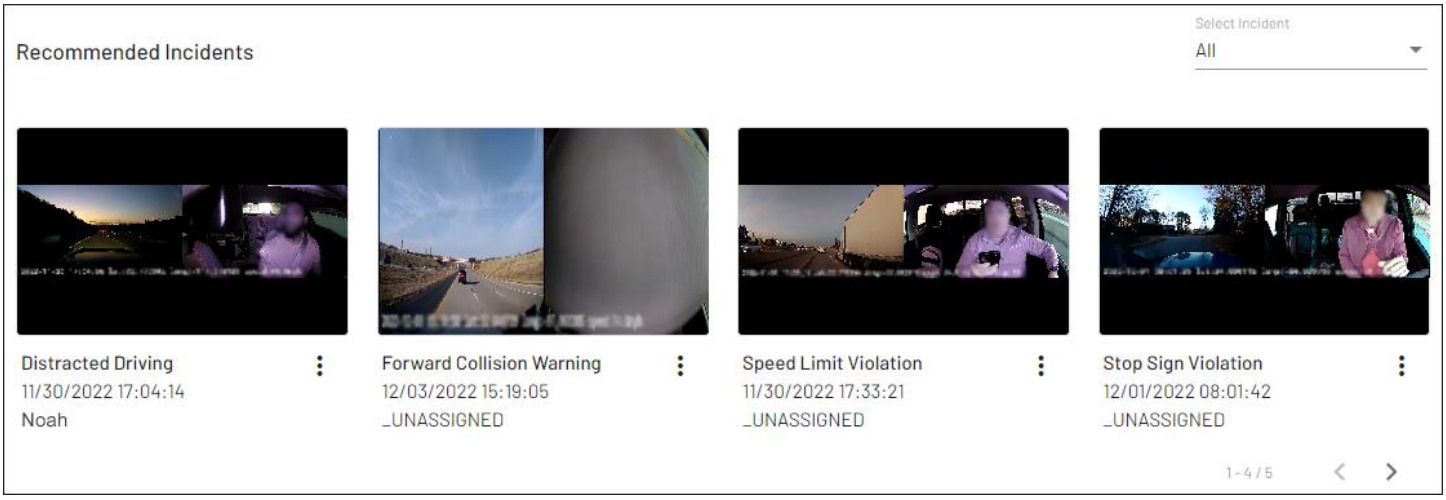
Play the Video

When working on a desktop or laptop, you can **mouse over the video** to start the video within the Fleet Highlights section.

Note: The mouse over option is not available on a tablet.

Select the video to view the video in a popup. (more about Video Popup below)

Use the < > previous and next buttons to view additional incidents.



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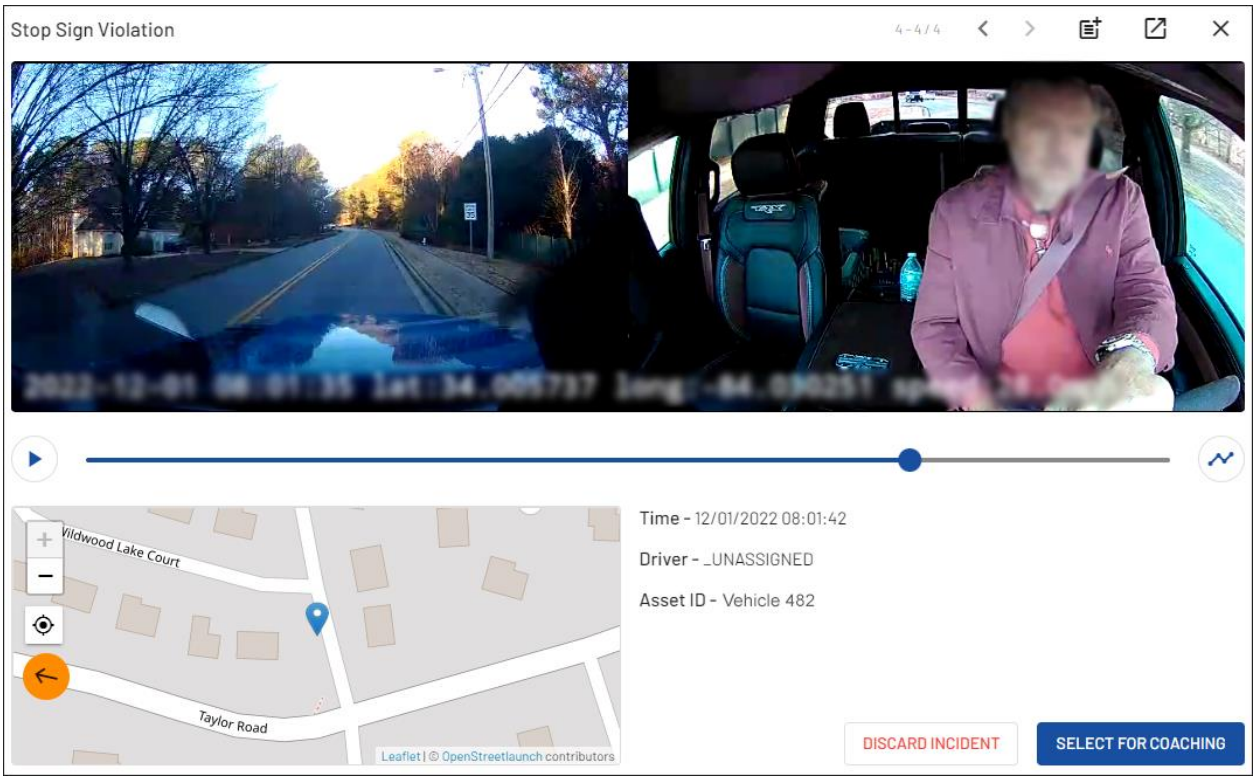
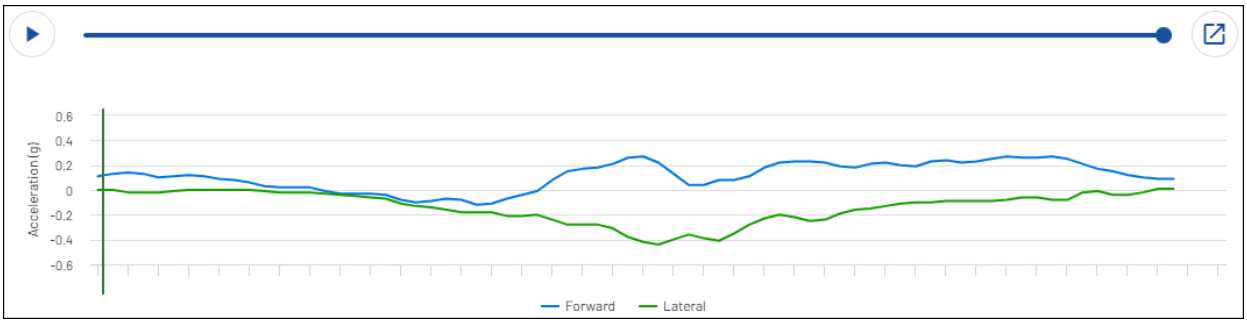
Video Popup

Select the video to view the video in a popup with coaching options you may select if desired.



Pop Up Video Controls

	Previous or Next Video button allows you to view the next video.
	Tags and Comments button allows you to select up to three user-generated tags to categorize an incident and a comment, which can be used during the driver coaching process.
	View Trip Details button displays the **Trip Details** page.
	Close button
	Play button
	Show Accelerometer Profile 
	Show Map View

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Map Controls

+ −	**Zoom in and out** buttons
	Recenter button
	Degrees button

Coaching Options

DISCARD INCIDENT	Select the **Discard Incident** button to discard the incident. When an Incident is discarded, it will be removed from the trip and marked as not coachable. Should the user wish to select the Incident from coaching again, the user must contact technical support to recover the event.
SELECT FOR COACHING	Select the **Select for Coaching** button to coach the driver using this video.
DESELECT FROM COACHING	Select the **Deselect from Coaching** to remove the video from the coaching queue.

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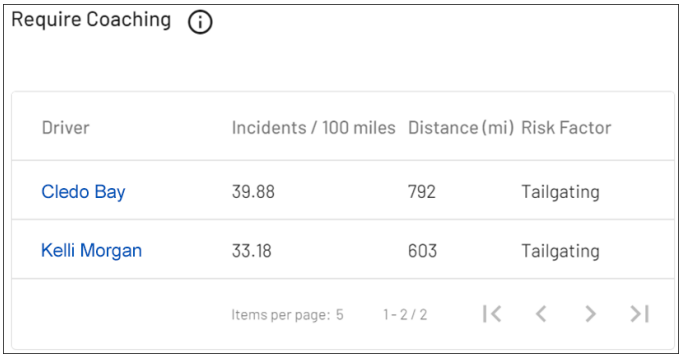
Top Drivers and Require Coaching Lists

Top Drivers

This section shows the list of the best performing drivers who have the fewest violations. You may use this list for your driver rewards program.

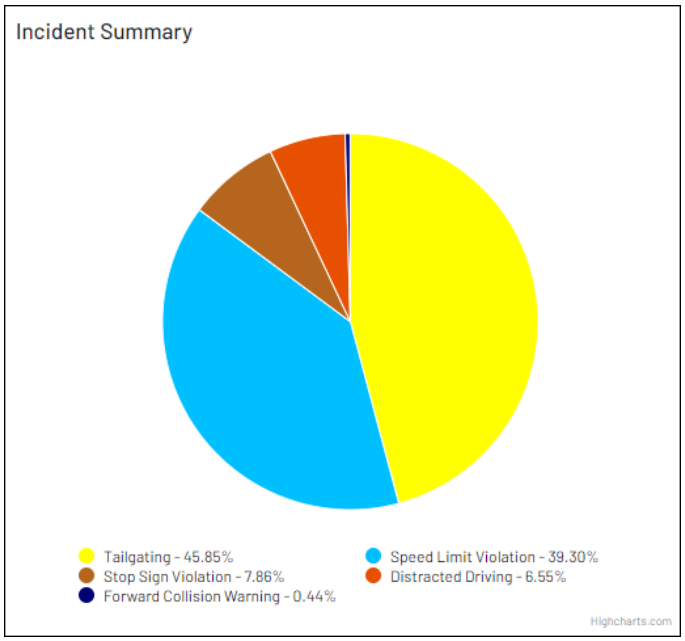
Require Coaching



This section shows the list of drivers who require coaching, along with the most frequent violation for each driver. It is a shortlist of drivers who need coaching.

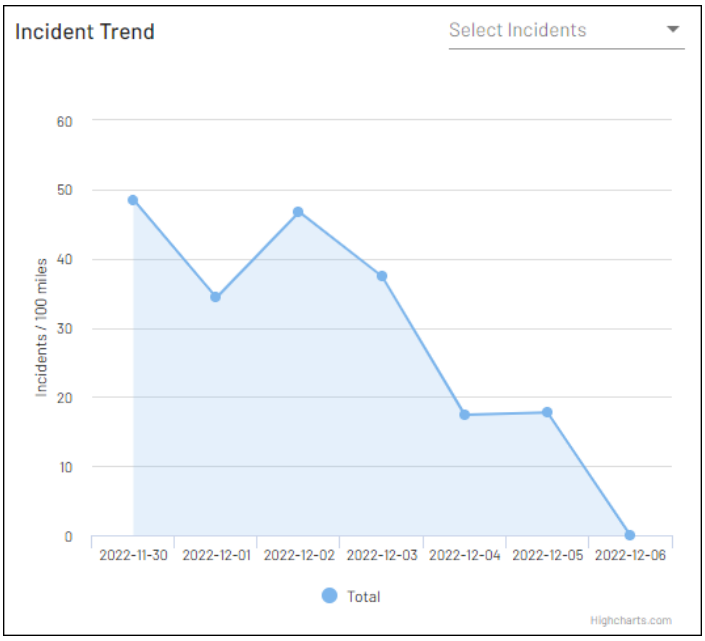
Incident Summary and Trend Charts

Incident Summary



A pie-chart showing the contribution of different incidents to the fleet's overall incident count. Get to know the critical risk factors of your fleet.

Incident Trend



Plots the trend for all incidents (or a selected type of incident) for a given duration. Gives a quick indication whether your fleet's metrics are trending in the right direction.

Use the **Select Incidents** option to select other types of events. More than one type is allowed.

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Incidents

The cornerstone of any advanced video telematics system in an event video – the evidence of record for accidents and other incidents of interest, capturing both what happened leading up to the incident and what happened after. Incident videos can be captured automatically, via triggers from g-sensors or the vehicle bus such as hard braking. In more advanced systems events can be generated by Advanced Driver Assistance (ADAS) or Driver Monitoring (DMS) algorithms that detect tailgating and driver distraction. Event videos can also be generated on-demand, either by the fleet manager or the driver.

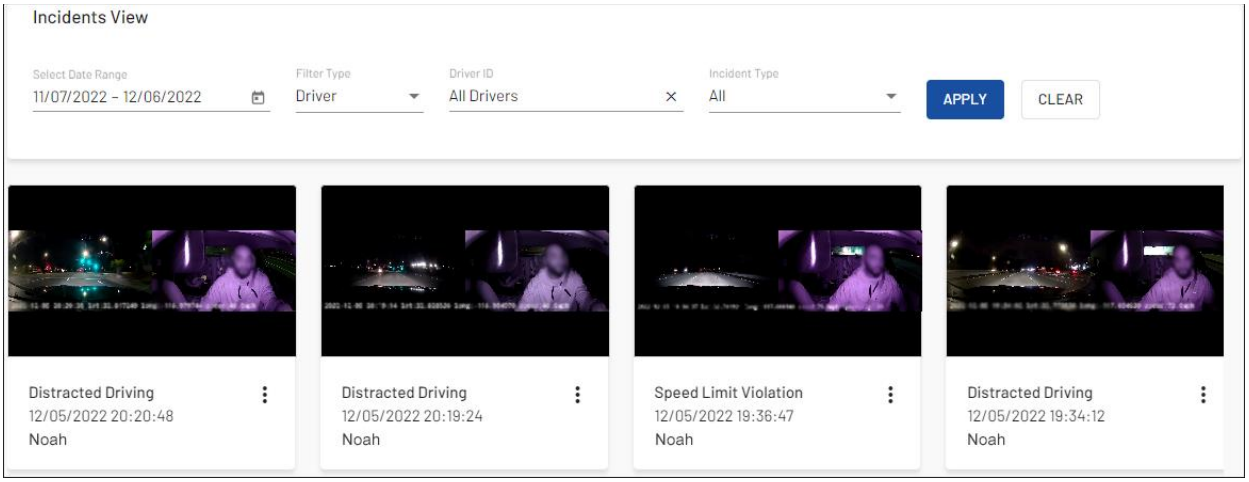
For the fleet manager, it is critical to have the ability to extract segments of video from loop recorded storage (DVR), for any asset or driver, by making a request from the fleet portal. For drivers, the **Panic button** feature can capture video snippets around incidents on the road at any time which empowers them in a variety of scenarios where they are not at fault.

⚠ Incidents	Select the **Hamburger** icon ☰ to display the side bar. Select the **Incidents** option to open the page.

Includes the view of all incidents that are searchable by **Date Range**, **Filter Type**, **Driver ID**, or **Incident Type** (which only works with the **Driver ID** Filter). This allows a fleet manager or coach to quickly narrow down into a subset of incidents to review, initiate or complete coaching sessions, and review driver challenges.

APPLY After selecting your options, select the **Apply** button to view your filtered incidents.

CLEAR Select the **Clear** button to reset the filters to default.



To View the Incident

1. When working on a desktop or laptop, **Mouse over** any video to play it inline.
   Note: the mouse over option is not available on a tablet.
2. **Select the video** to view the video in a popup that includes coaching options.
3. **Select the X to** exit the popup.

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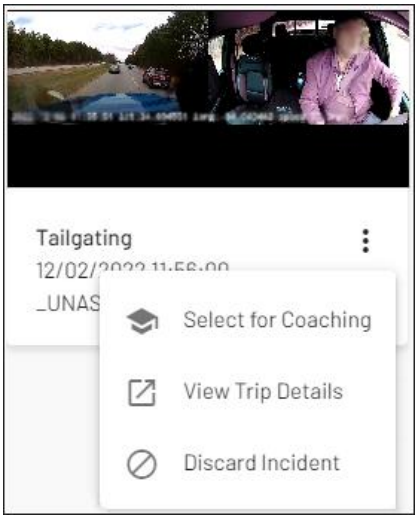
Filter the Incidents

1. To refine what is displayed, use the **Date Range**, **Filter Type**, **Driver ID,** and **Incident Type** to filter the list.
2. Select the **Apply** button to see the results.

Select the **Clear** button to return to the default view.

Select the Kebab icon ⋮ in an individual Incident to **Select for Coaching, View Trip Details, or Discard Incident.**



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Trips

Provides a tabular view of all the trips or active drivers within a specific date range. Filters may be utilized to choose the Date Range, Filter Type, and Driver ID. By selecting on the trip's start date (blue text), the user can see the trip details including the route, various events, location of the events, and event videos.

Trips need to be greater than 1 mile in distance AND 5 minutes in duration to be displayed, unless the trip had a violation or a panic button capture, in which case the trip will be displayed anyway. For any ongoing trip, the first time the trip appears on the dashboard is 15 minutes after the above distance and duration criteria have been met. Subsequent updates happen at 15 minute intervals.

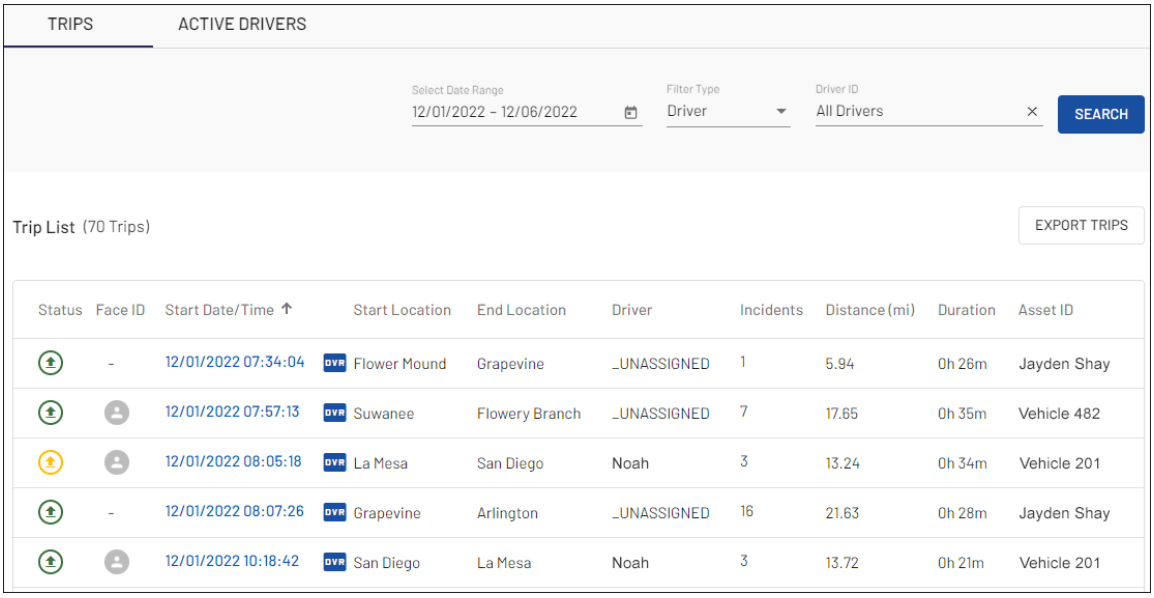
Trips	Select the **Hamburger** icon ☰ to display the side bar. Select the **Trips** option to open the page.

There are two tabs available in Trips; **Trips List** and **Active Drivers**.

TRIPS ACTIVE DRIVERS

Trip Tab

A list of trips or active drivers within a specific duration.



A list of all trips taken by the fleet, searchable by **Date Range**, **Filter Type** (Driver or Asset), **Driver ID**.

SEARCH After selecting your options, select the **Search** button to update the data.

Export Trips

EXPORT TRIPS Select the **Export Trips** button to capture the data in the .CVS file and save the file to your computer or device. The CVS file will include the 500 most recent trips for the selected Date Range.

Status

	Trip Data Uploaded
	Trip Data Upload Pending

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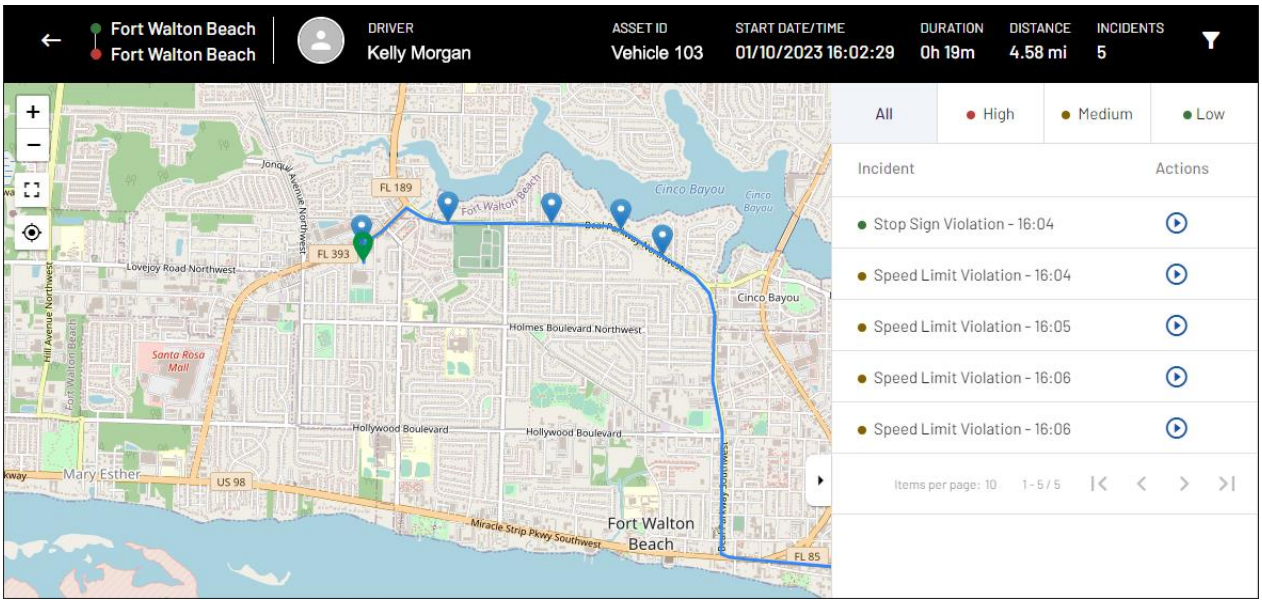
Create a DVR Request

Select the **DVR** button to make a **DVR** request.

View Trip Details

Select the blue text in the **Start Date/Time** column to view **Trip Details**.

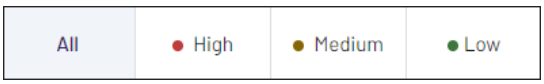


If the trip has incidents, they will be displayed in the right column.

Select the Previous Page icon to return to the Trips page.

Select the Trip Filter icon to filter the list by incident type.

There are four filter options: All, High, Medium, and Low. These options filter the list by severity.



Select the play video icon in the right column or the blue incident icon in the map to view the Incident in a popup.

Map Controls

	Zoom in and out buttons
	Enter Full Screen
	Recenter button

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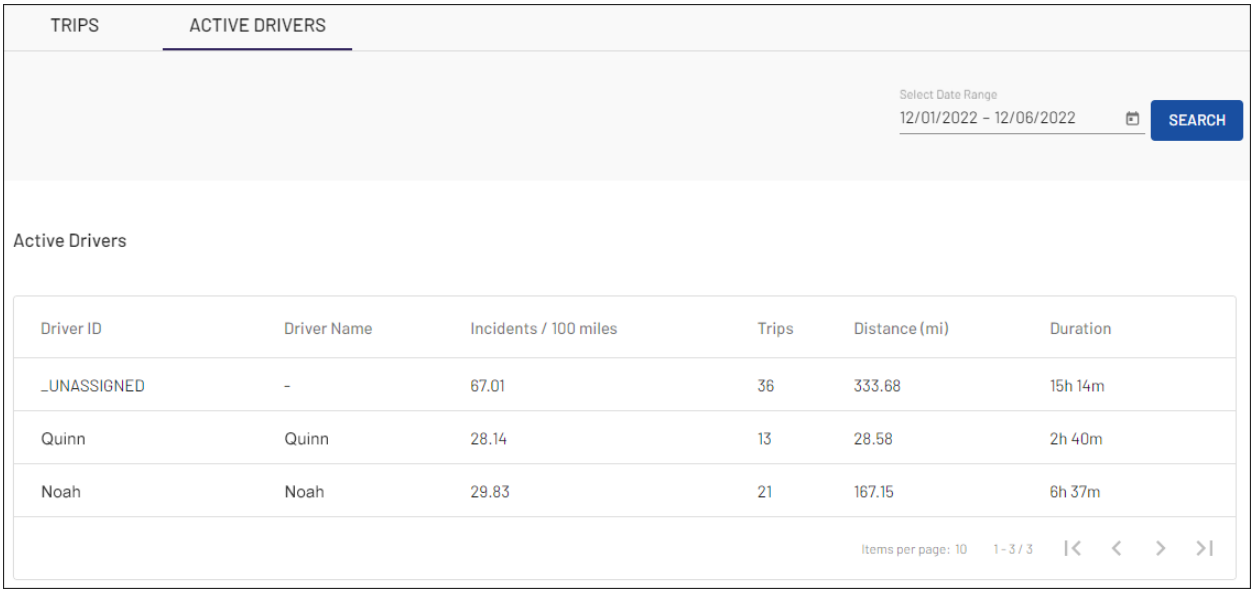
Active Drivers Tab

A list of active drivers who have taken trips within the selected Date Range.



Select the **Select Date Range** feature to filter the list of drivers who have taken trips within the selected Date Range.

SEARCH After selecting your **Date Range**, select the **Search** button to update the list.

Use the **Next** and **Previous** |< < > >| buttons to view additional drivers.

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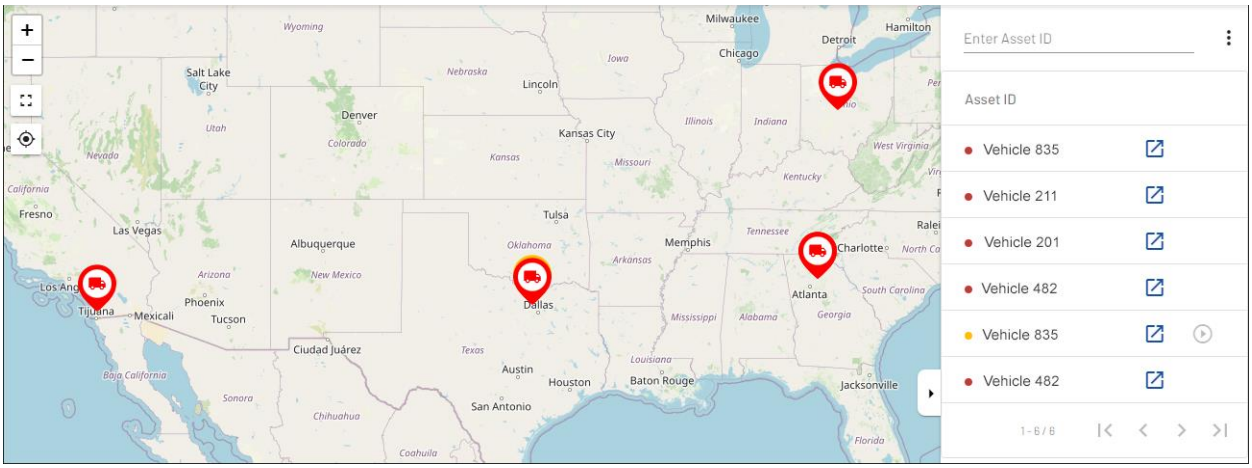
Live View

Live View provides live GPS tracking of all currently active assets, defined as assets on a trip and pinging the server during the last 30 minutes. You can select any asset to zoom into it and be able to follow its progress at a 30 second frequency. You can also view the trip details page to view incidents and videos that have been uploaded.

Live View	Select the **Hamburger** icon ☰ to display the side bar. Select the **Live View** option to open the page.

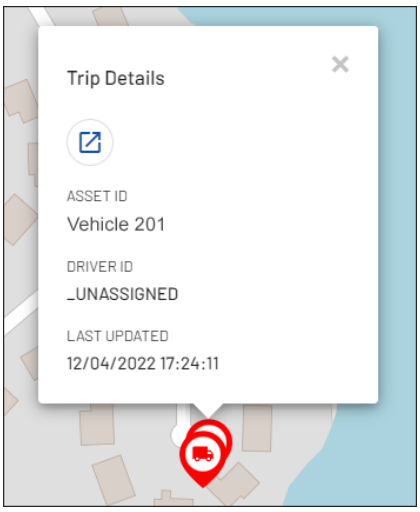
Live view displays the location of asset on a map.

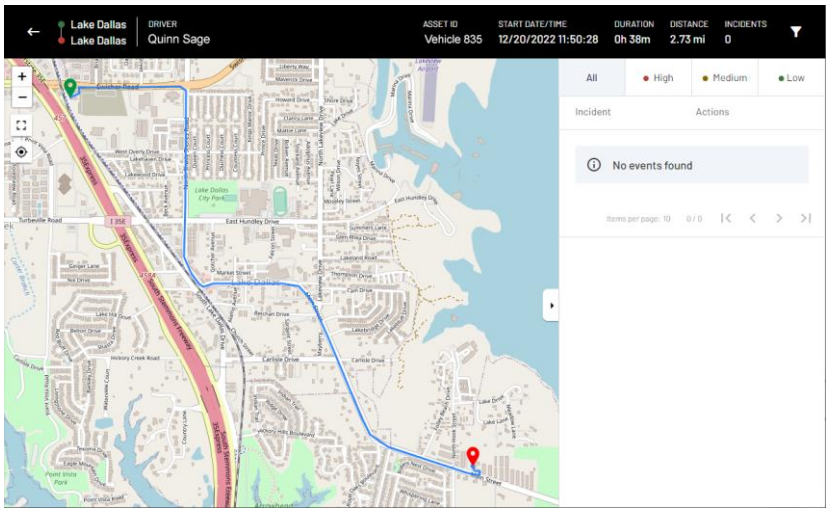
You can filter the list by entering one **Asset ID** from the list.



Select the **Red Vehicle** or **Yellow Driver** icon to zoom in.

Select the Blue **Trip Details** icon in the Asset List to view the **Trip Details**.





Select the **Previous Page** icon to return to **Live View**.

Select the **Filter** icon to an **Incident Type** from the drop-down list.

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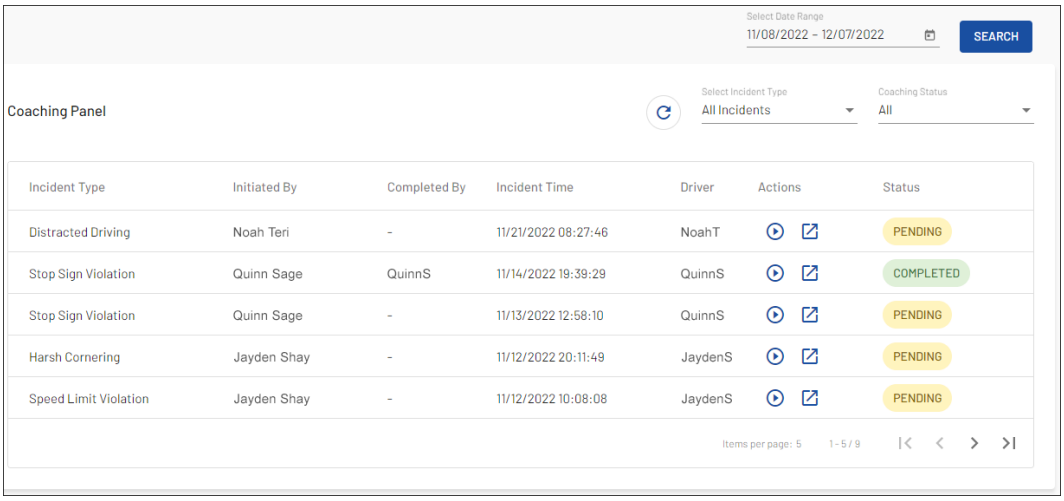
Coaching

The ability to tag an incident for Coaching allows a fleet manager to shortlist exemplary incidents and videos for having a discussion with the driver in a one-on-one session.

For remote coaching, the ability to tag incidents with user-generated tags and leave comments, can further streamline the coaching workflow, where this information will be automatically populated in the driver's app.

Coaching	Select the **Hamburger** icon ☰ to display the side bar. Select the **Coaching** option to open the page.

Incidents that have been selected for coaching are shown in reverse chronological order, with the status of the coaching session for each incident. The ability to select an incident for coaching allows a fleet manager to shortlist exemplary incidents and videos for having a discussion with the driver in a one-on-one session.



Basic Actions

- First, select in the **Select Date Range** field. Select the start date and then select your end date. Then select the **SEARCH** button.
- Select the **Play Video** button to watch the video.
- Select the **Trip Details** button to view the trips details.
- When there are multiple pages, use the **Previous** and **Next** page buttons to navigate.

Incident Type

The default is **All Incidents**. Should you wish to view a specific Incident type, **select the Incident Type field,** and choose an item from the list.

Options include Distracted Driving, Forward Collision Warning, Harsh Acceleration, Harsh Braking, Hard Cornering, Lane Drift, Speed Limit Violation, Stop Sign Violation, Tailgating, DVR, and Panic Button.

Status

The status **Pending** signifies that the session is open, and the fleet manager and driver have not yet reviewed and closed this session.

The status **Completed** signifies that the session was reviewed and closed.

Tag an incident to allow remote coaching.

For remote coaching, the ability to tag incidents with user-generated tags and comments can further streamline the coaching workflow, where this information will be automatically surfaced in the driver's app. This feature is available when watching an incident in full page mode from the incidents page.

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DVR (Video Requests)

A DVR request is a remote request for video from a dash cam, made by a fleet manager. This is typically done when a fleet manager wants to review a segment of video footage based on an accident, a driver complaint, or any other reason. A Time-lapse DVR is a variant of DVR wherein an entire trip spanning hours can be compressed into a high-frame rate video. This helps a fleet manager review footage quickly without uploading substantial amounts of data.

EDVR is a feature which allows fleets to request violation videos only upon on request. Media generation and upload related to a given type of violation is controlled by the violationMediaFlag. If this flag is set, the videos are automatically generated and uploaded.

Select the **Hamburger** icon ☰ to display the side bar.
Select the **DVR** option to open the page.

Select the **Date Range** you wish to view.

SEARCH Then Select the Search button to update the data.

There are three categories:

DVR | Panic Button | E-DVR

Select one of the three buttons to view each category.

DVR: On-demand video requests from specified durations.

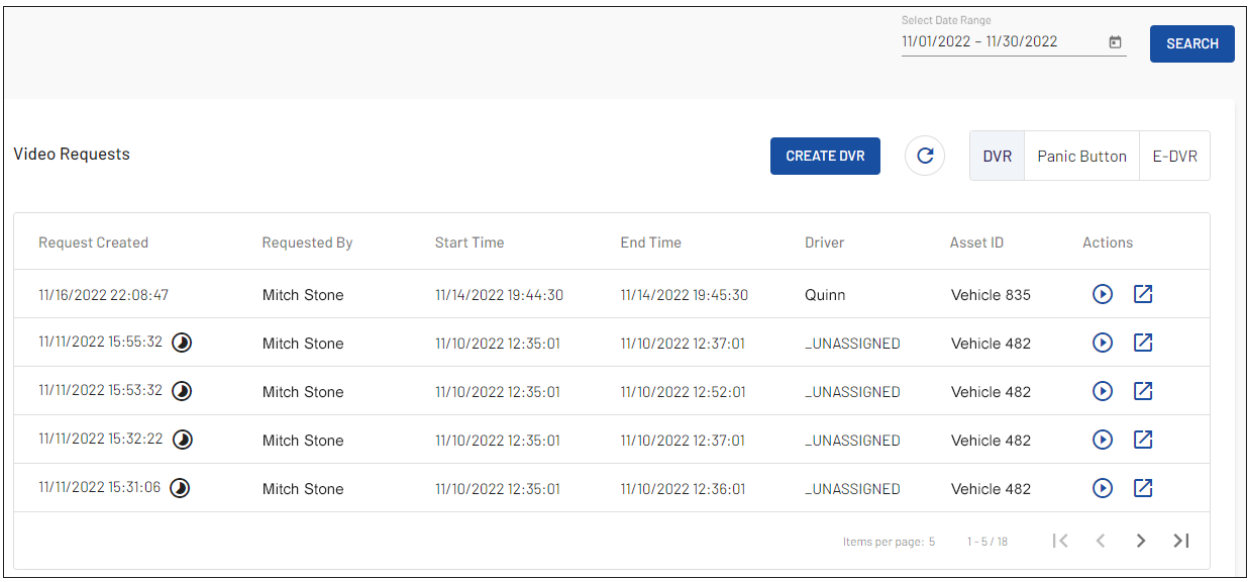
Panic Button: Instances where the driver pressed the **Panic Button.**

E-DVR: On-demand requests of HD video for specific incidents.

Select the **Refresh** button to update the page's data.

DVR Tab

You can create new On-demand video requests and view requests that have been made in the past which are displayed in reverse chronological order.



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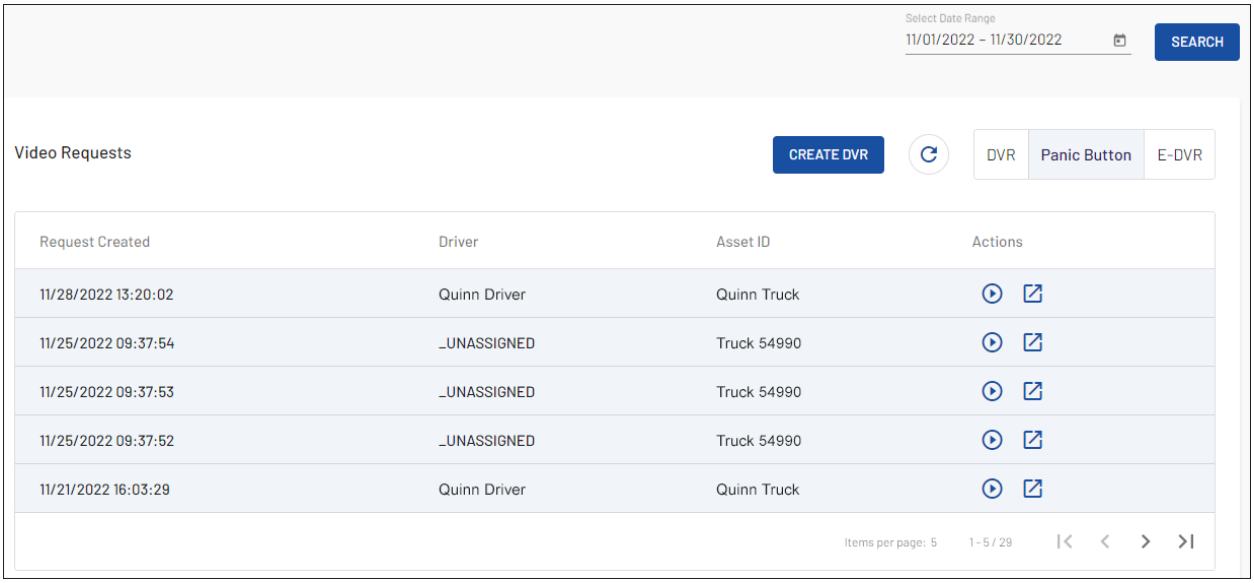
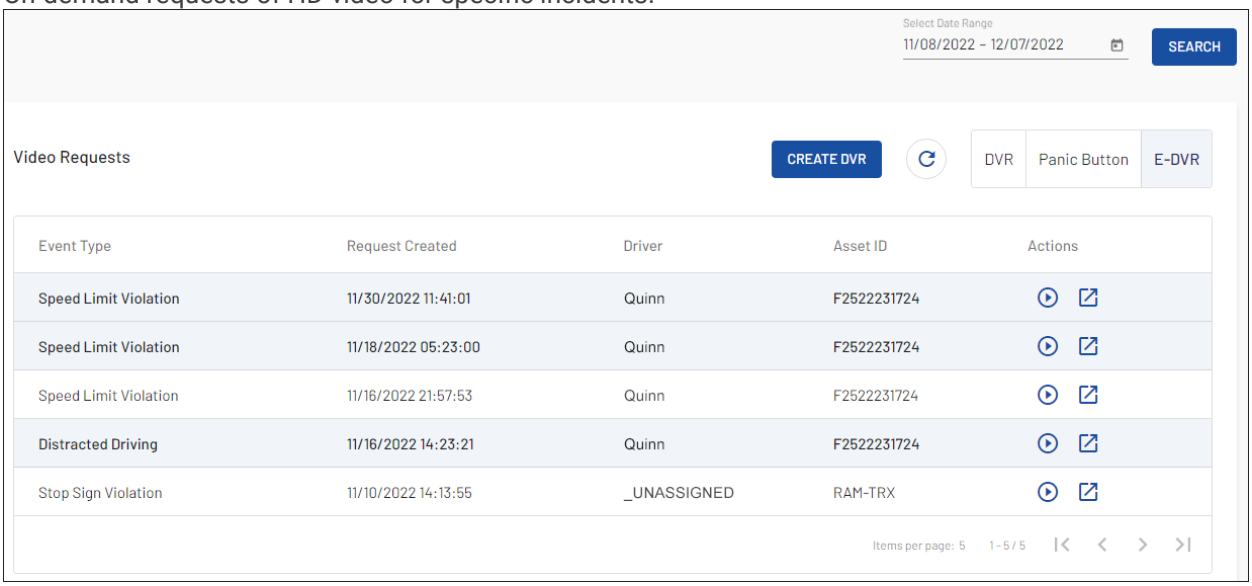
Panic Button Tab

A list of instances where the driver pressed the **Panic Button.**



E-DVR Tab

On-demand requests of HD video for specific incidents.



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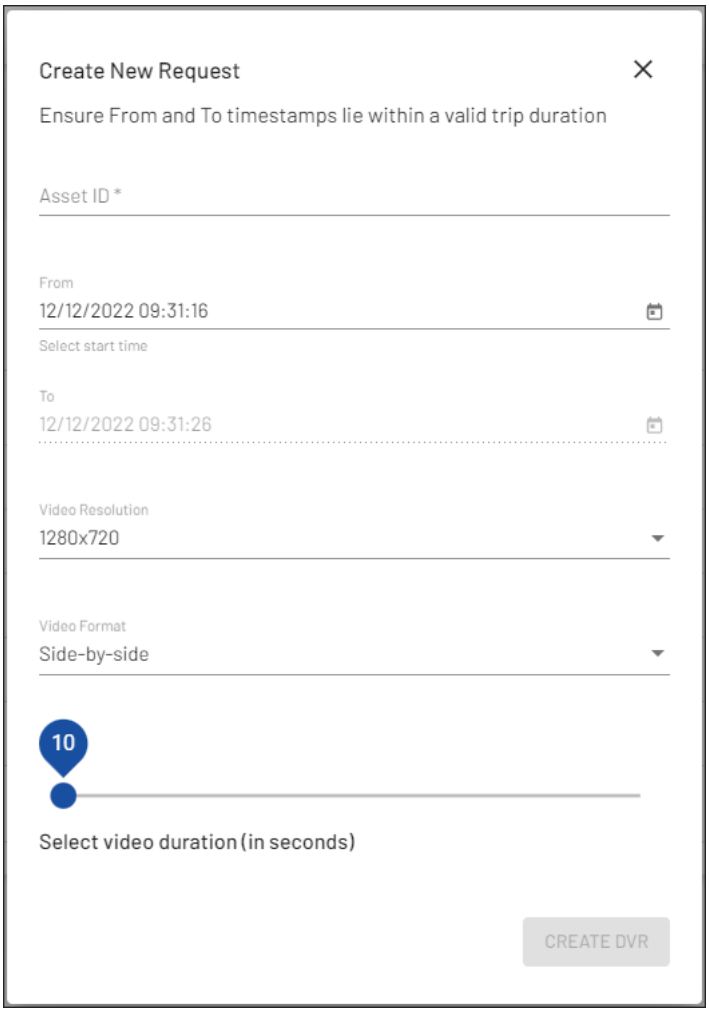
Create New Request

Select the **Create DVR** button to create a new request.

- Enter a valid **Asset ID**.
- Set the **From** date and time. (Note: **To** date and time is a calculation based on Duration time (in seconds).
- Set the **Video Resolution** from the drop-down menu.
  - 320 x 180
  - 640 x 360
  - 1280 x 720
  - 1920 x 1080
- Select **Video Format**
  - Road
  - Driver
  - Side-by-side
  - Picture-in-picture
  - Separate
- 10 Set the **Video Duration** in seconds.
  The video's resolution will determine the time in seconds that may be requested. Example: 320 x 180 up to 180 seconds.
- CREATE DVR Select the **Create DVR** button to submit the new request.



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Drivers

The Drivers page summarizes the number of trips, distance travelled, duration, and change in number in the number of incidents.

The **Driver Highlights** section surfaces the most severe events.

The **Incident Summary** provides a breakdown of the distinct types of events across fleet in terms of percentage of total number of observed events.

The **Incident Trend** sections shows the trend of selected type of event for the past few days.

Drivers	Select the **Hamburger** icon ☰ to display the side bar. Select the **Drivers** option to open the page.

There are two tabs available in Drivers:

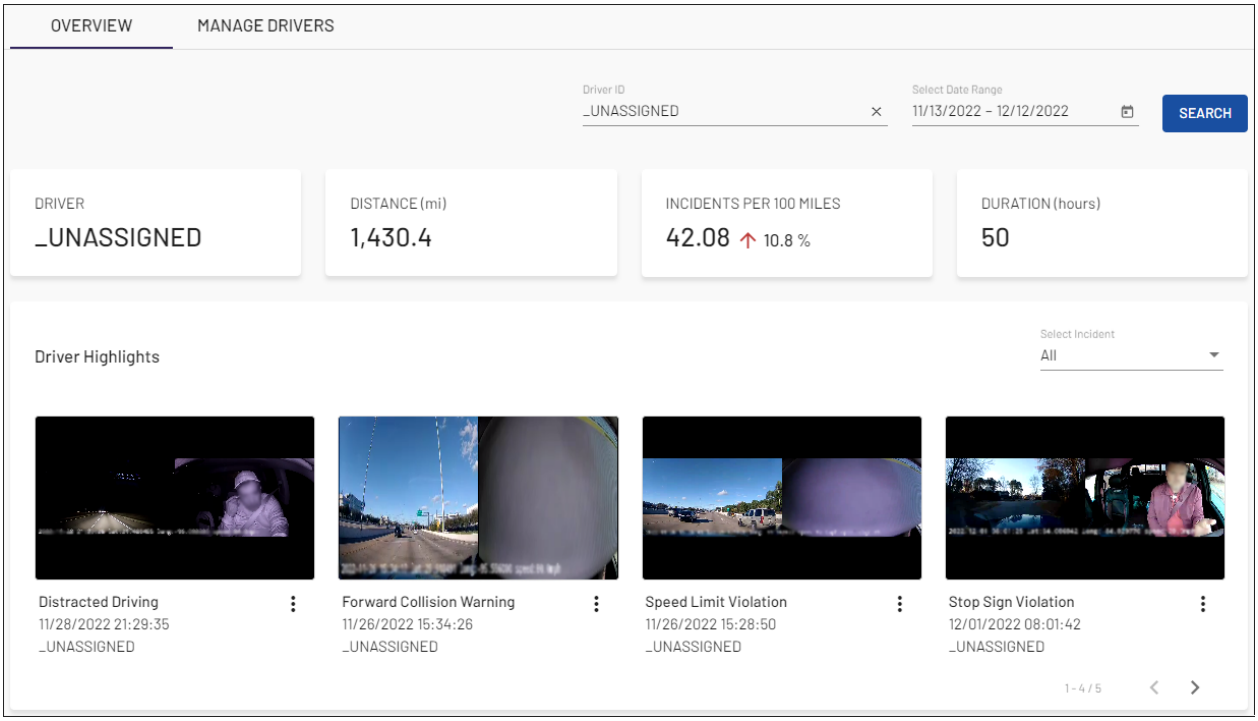
OVERVIEW	ARCHIVE

Overview Tab

The Overview tab is a driver specific view of the most valuable information available on the Home page, which is fleet wide.

The following information specific to a given driver is shown in the Drivers tab:

- Summary of
  - Number of trips.
  - Distance travelled.
  - Duration of driving
  - Change in number of incidents.
- Driver Highlights shows the most severe events for this driver.
- Bookmarks sections allows the events bookmarked for the specific driver.
- Incident Summary for the driver.
- Incident Trend for the driver.



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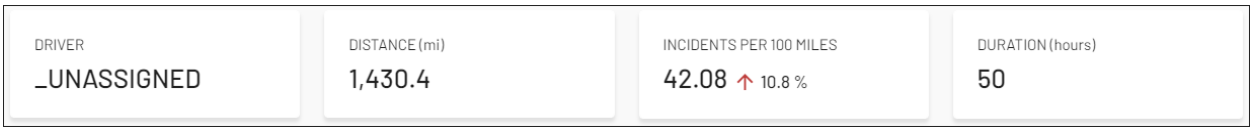
Driver ID and Select Date Range

The page is filtered by the selecting **Driver ID** and **Date Range**.

1. Select into the field to view and select a **Driver ID** from the list.
2. Select your desired **Date Range.**
3. Select the **Search** button to filter the page.

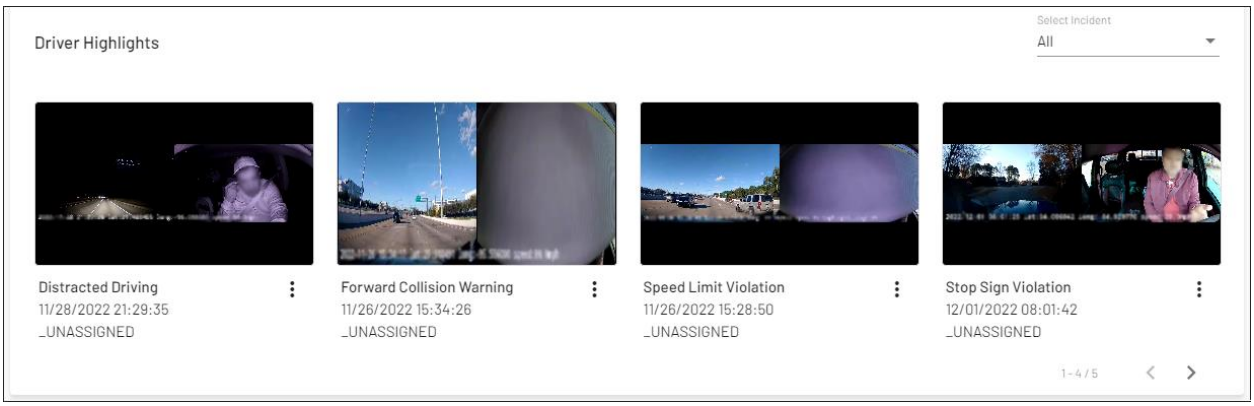
Driver Statics



Based on the selected **Driver ID** and **Date Range**, statistics are displayed for the results.

Driver Highlights

Driver highlights are a sorted list (in descending order) of the driver's incidents based on severity. Each incident has an associated severity metric - e.g., for speed limit violations it is the difference of the vehicle speed and the posted limit. When **All** Incidents are selected, the most severe incident for each category is displayed. When a particular incident type is selected, a sorted list of all violations in that category is displayed.

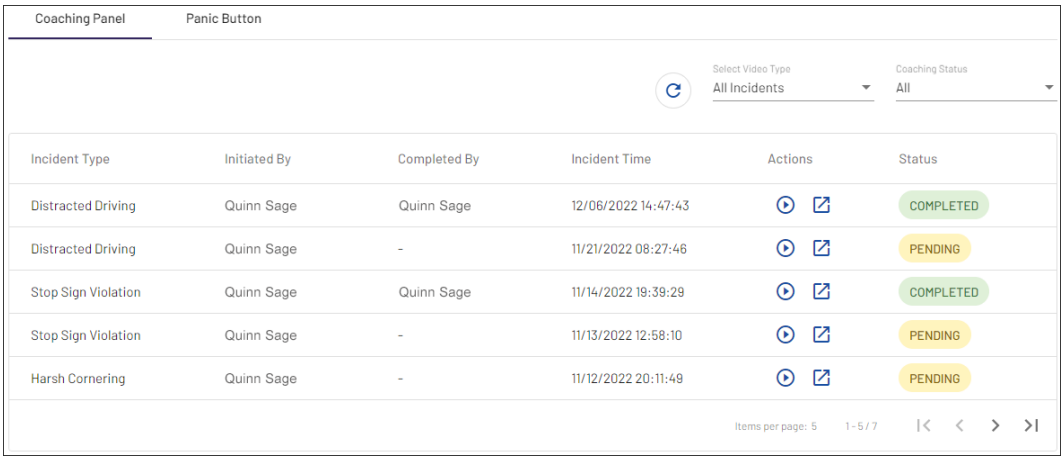


Use the **Next** and **Previous** |< < > >| buttons to view additional incidents.

Coaching Panel Tab

There are two tabs in the **Coaching Panel.**

Use the coaching panel to view the status of each Incident assigned to a driver.



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Select the **Play Video** icon to view the incident.

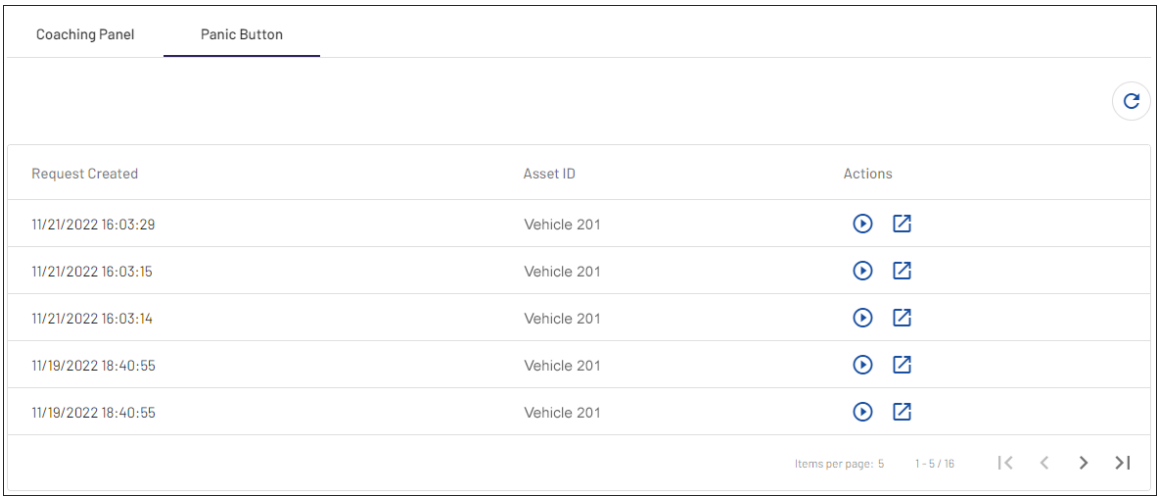
Select the **Trip Details** icon to view **Trip Details**.

Select the **Refresh** icon to refresh the data.

Use the **Next** and **Previous** buttons to view additional incidents.

Panic Button Tab

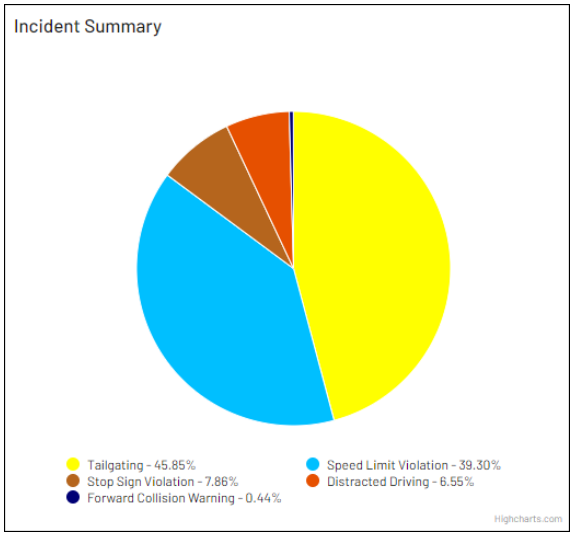
Select the **Panic Button** Tab to view Panic incidents.



Buttons are the same as the **Coaching Panel**. (see above)

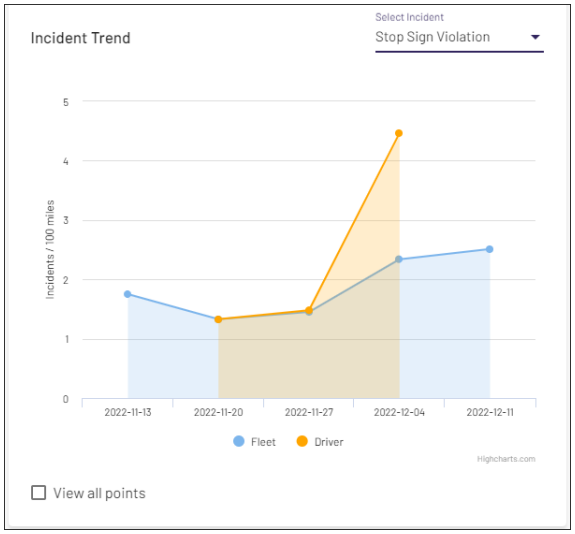
Charts

Incident Summary



A pie-chart showing the contribution of different incidents to the fleets overall incident count. Get to know the critical risk factors for your fleet.

Incident Trend



Plots that show the trend for all incidents (or a selected type of incident) for a given duration. Gives a quick indication whether a driver's metrics are trending in the right direction.

Use the **Select Incident** option to select other types of events.

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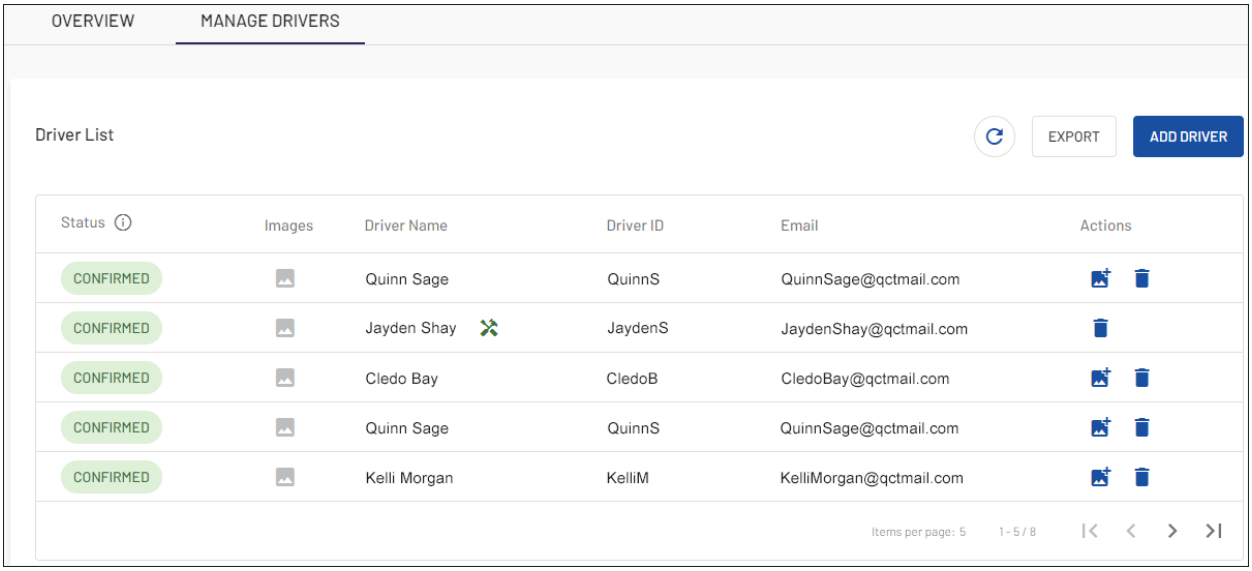
Manage Drivers Tab

Use the Manage Driver's tab to add, edit and delete drivers.

Driver List Page

List of drivers and installers who have been enrolled, giving them access to the mobile companion apps on Android and iOS.



Export

EXPORT Select the **Export** button to download a list of drivers and installers in .CSV format.

Confirmed

CONFIRMED The **Confirmed** button shows whether the driver or installer has logged into the app at least once.

Pending

PENDING The **Pending** button shows that the driver has not yet logged into the app.

Images

The gray images icon, in the Images column, allows the user to view the five driver images uploaded to the system. The images should have been uploaded during the ADD DRIVER process.

Use the **Add Images** icon, in the actions column, to *upload five different images* of the driver in .jpg format.

After the upload, the user can select the gray **Images** icon to view them.

Delete Driver

Select the **Delete Driver** icon, in the actions column, to delete the driver.

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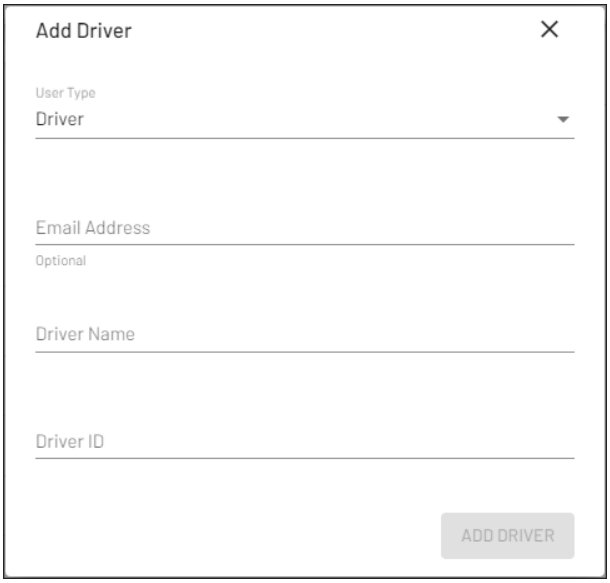
Add Driver

ADD DRIVER Select the **Add Driver** button to add a new **Driver** or **Installer.**



The **User Type** drop-down list provides the two options:

- Driver
- Installer

Enter the driver's **Email Address** which is optional.

Enter the **Driver Name** (required)

Enter the **Driver ID** (required)

Select the **ADD DRIVER** button to create the new driver.

New Driver Email

When a new driver is created, an email is sent to the driver requesting they login into their SmartDrive Protect Companion app and change their password. Links are provided to help the driver download the app.

Sample New Driver Email

SOLERA Fleet Solutions | Protect by SmartDrive

Hi [Driver Name],

Please login to the SmartDrive Protect Companion app using your email address and temporary password. You will be required to reset the password after a login with the temporary password.

If you do not have the app already, please download it on your iOS or Android device using the links below:

Email address: [Driver's email address]

Temporary password: [system generated temporary password]

Download on the App Store | GET IT ON Google Play

Thank you for using the SmartDrive Protect Companion app solution. Drive safely.
- The Solera Team

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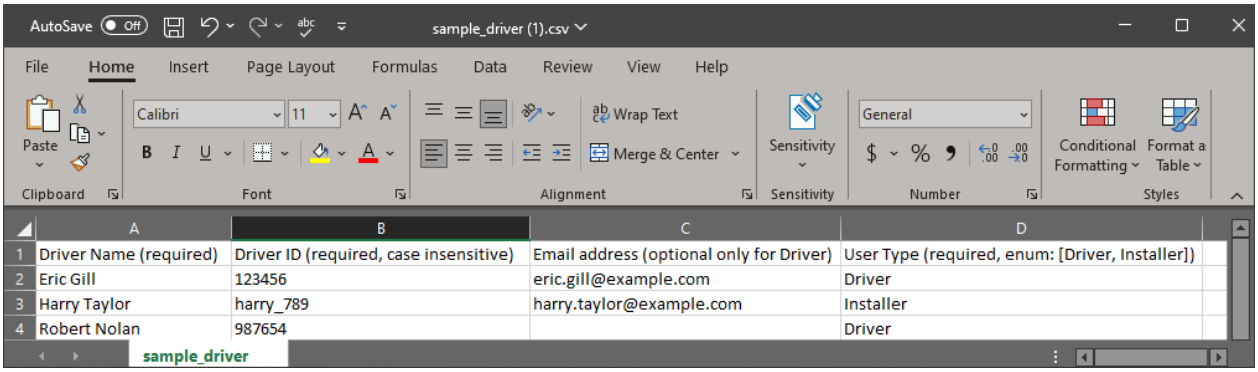
Batch Addition

First download the sample driver addition CSV file. Input driver or installer information into the spreadsheet.



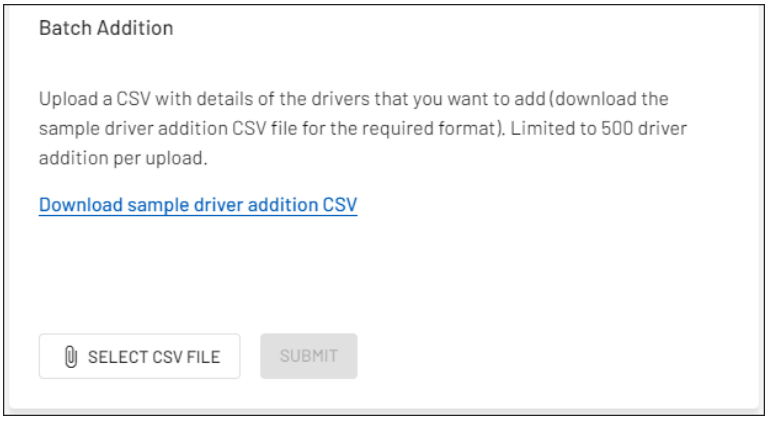
	A	B	C	D
1	Driver Name (required)	Driver ID (required, case insensitive)	Email address (optional only for Driver)	User Type (required, enum: [Driver, Installer])
2	Eric Gill	123456	eric.gill@example.com	Driver
3	Harry Taylor	harry_789	harry.taylor@example.com	Installer
4	Robert Nolan	987654		Driver

Data Requirements

Column A	Enter the Driver's Name	Required
Column B	Enter the Driver ID. This field is case insensitive.	Required
Column C	Enter the Email address	Required for installers *Optional for drivers*
Column D	Enter the User Type (Driver or Installer)	Required

When done, select the **SELECT CSV FILE** button to upload your completed file.

Select the **SUBMIT** button to import your driver list to the system.



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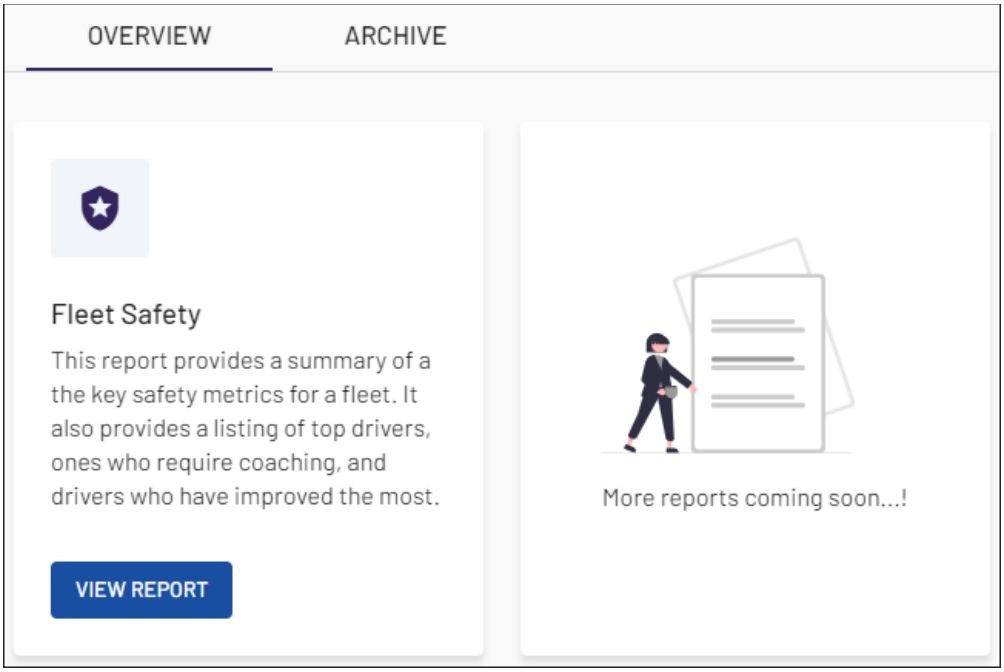
Reports

You can view the Fleet Safety Report, which is a summary of the fleets performance in the given time interval.

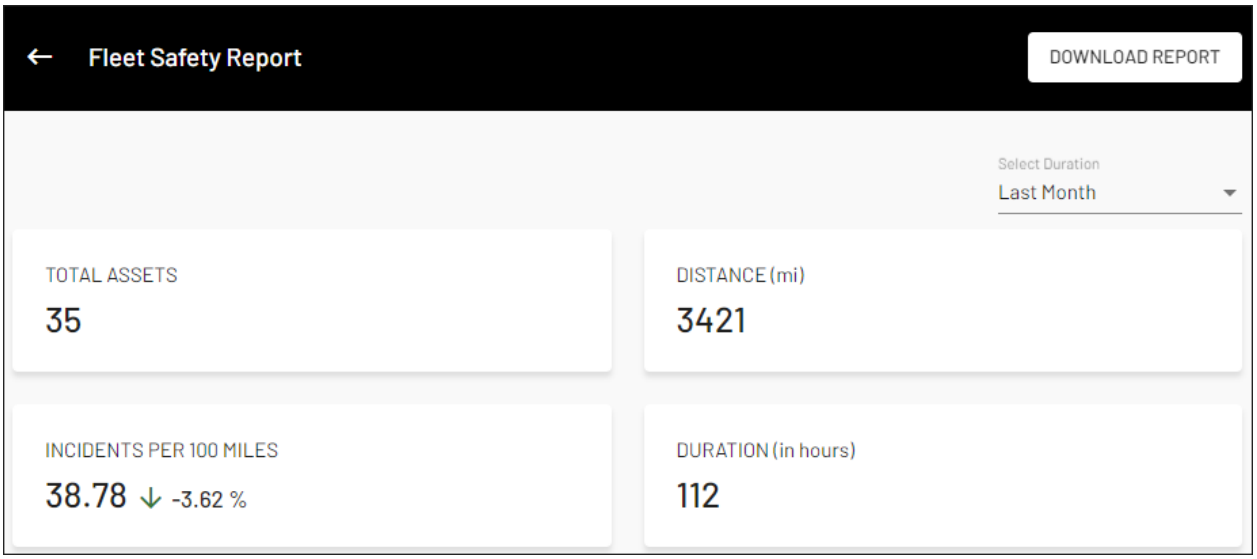
Select the **Hamburger** icon ☰ to display the side bar.
Select the **Reports** option to open the page.

There are two tabs on the Reports Page: **Overview** and **Archive**

Overview Tab



The Fleet Safety Report is based upon the selected duration. Options include Last Month, and Last Quarter.



Use the **Download Report** button to download a PDF version.

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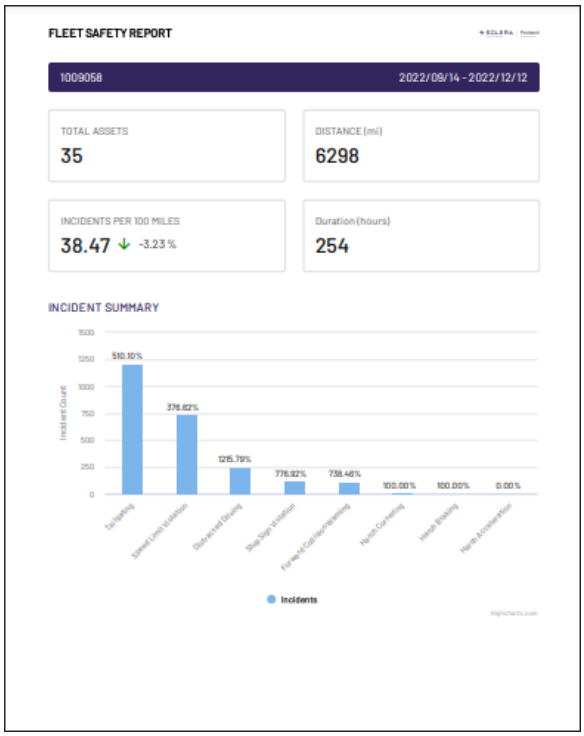
Sample Fleet Safety Report PDF



FLEET SAFETY REPORT

1009058 2022/09/14 - 2022/12/12

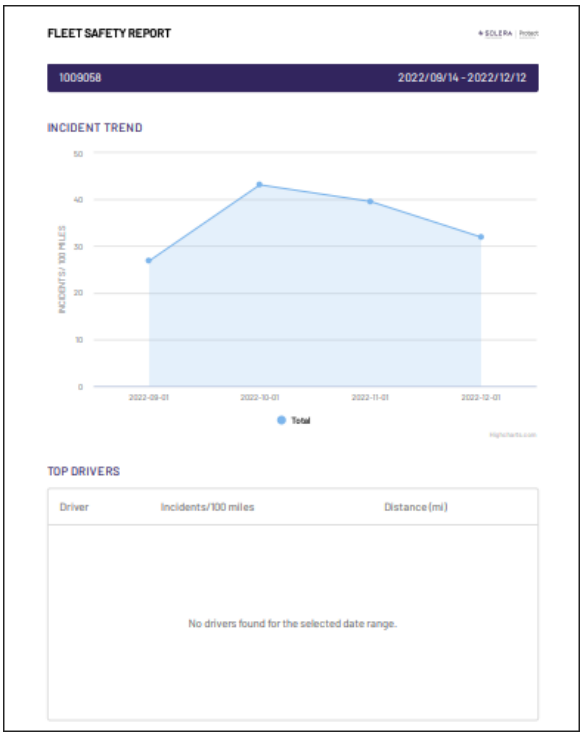
TOTAL ASSETS 35

DISTANCE (mi) 6298

INCIDENTS PER 100 MILES 38.47 ↓ -3.23 %

Duration (hours) 254

INCIDENT SUMMARY



FLEET SAFETY REPORT

1009058 2022/09/14 - 2022/12/12

INCIDENT TREND

TOP DRIVERS

Driver	Incidents/100 miles	Distance (mi)

No drivers found for the selected date range.

FLEET SAFETY REPORT

1009058 2022/09/14 - 2022/12/12

REQUIRE COACHING

Driver	Incidents/100 miles	Distance (mi)	Risk Factor
Phil Torsiello	120.68	181.44	Tailgating
John Baker	44.36	1,329.73	Tailgating

MOST IMPROVED*

Driver	Incidents/100 miles	Distance (mi)	Percentage Change

No drivers found for the selected date range.

*Based on a comparison with the previous duration.

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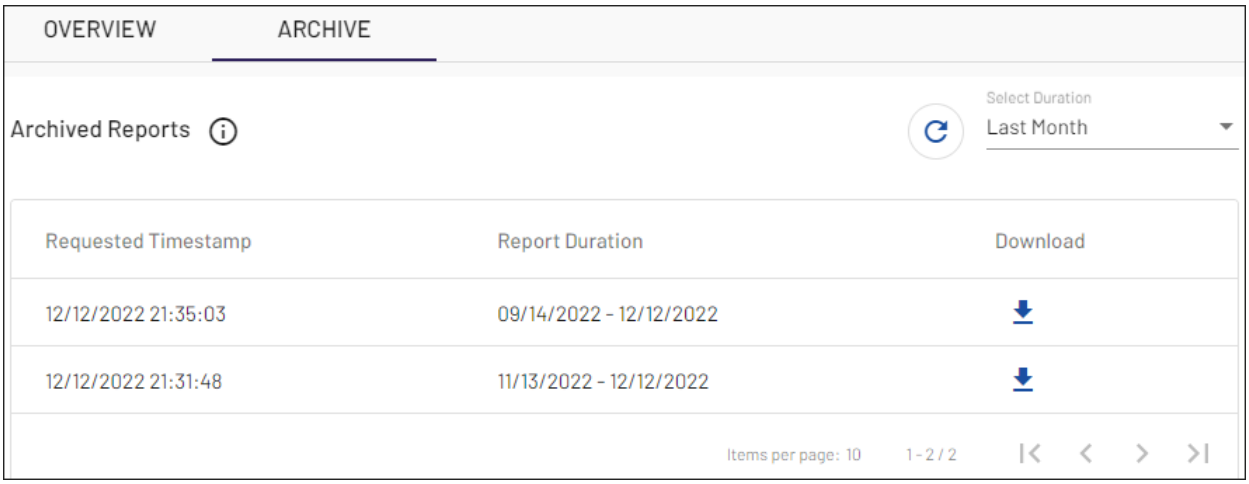
Archive Tab

An archive of reports that the user previously extracted from the fleet portal.

Note: The user will not see reports that other users have run.



Select the **Download** icon to download an archived report.

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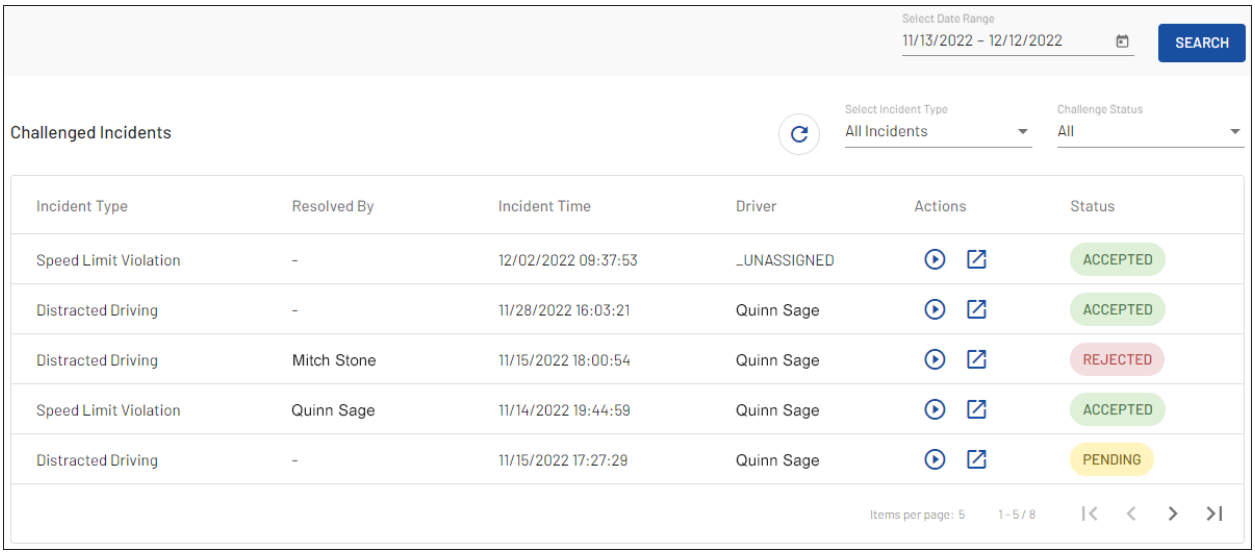
Challenges

Challenges are incidents that have been disputed by the driver as being either not accurate, or not a fair representation of the driver's actions, through the driver's mobile companion app.

Select the **Hamburger** icon ☰ to display the side bar.
Select the **Challenges** option to open the page.



These are incidents that have been disputed by the driver as being either not accurate, or not a fair representation of the driver's actions, through the driver's mobile companion app.

Filter the Incidents

Select into the **Date Range** field to refine what is displayed.
Then select the **Search** button to filter the page.

Select the **Refresh** icon to refresh the data.

Select **Incident Type** to view one or more Incident types from the drop-down list.
Select **Challenge Status** to select one of the following options: All, Pending, Rejected, or Accepted.

Actions column

Select the **Play Video** icon to view the incident.

Select the **Trip Details** icon to view **Trip Details**.

Use the **Next** or **Previous** buttons to view additional incidents.

Status column

Pending - The incident has not yet been reviewed by the fleet manager.

Rejected - The fleet manager has rejected the challenge.

Accepted - Fleet manager concurs with the driver.

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Assets

Vehicles with SmartDrive Protect installed are considered an asset.
Default Driver is an asset that has a driver assigned in the system.

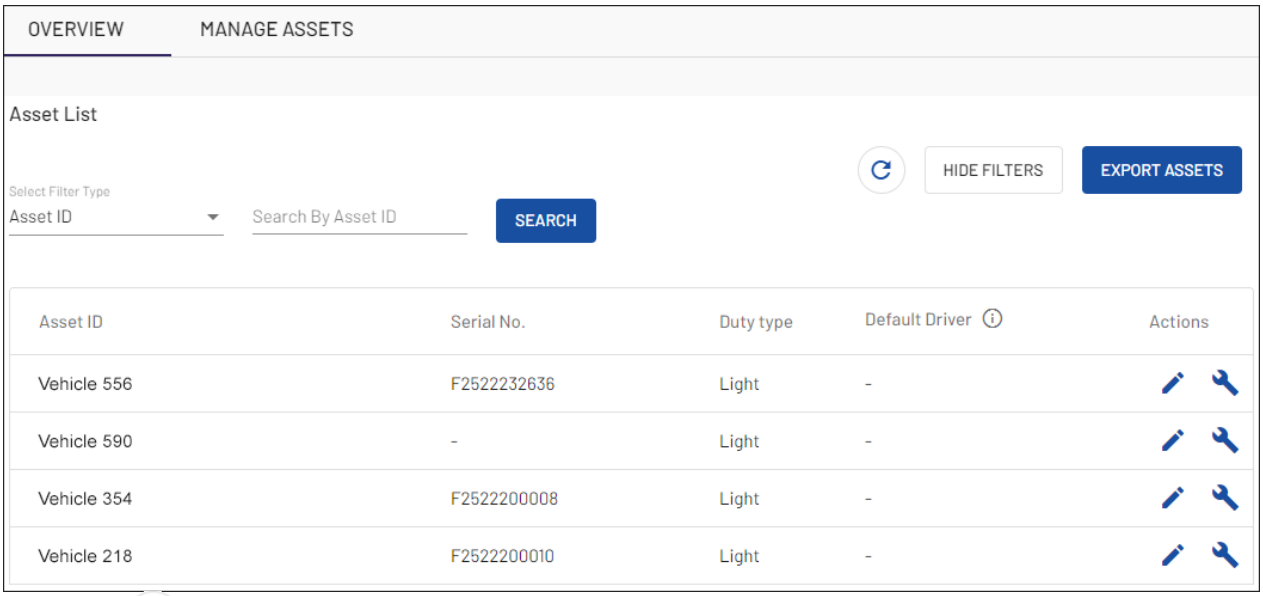
The Asset's page has two tabs: **OVERVIEW** and **MANAGE ASSETS**

OVERVIEW MANAGE ASSETS

Overview Tab

Home | Assets | **OVERVIEW**

List of assets and devices assigned to the fleet. Provides the ability to rename/reassign the Asset ID for a device and assign a default Driver ID to an asset.



Select the Refresh button to refresh the data.

SHOW FILTERS HIDE FILTERS

You can **SHOW** or **HIDE** the filter options by selecting on the toggle button called **SHOW FITLERS** or **HIDE FILTERS**.

EXPORT ASSETS

Select the **EXPORT ASSETS** button to create a data file in CSV format.

Select the Edit Asset icon to change the following:

- Asset ID
- Duty type
- Driver ID

Select the Manage Device icon to do the following:

- Format SD Card
- Reboot Device

Use the **Next** and **Previous** buttons to view additional Assets.

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Manage Assets Tab

Home | Assets | **MANAGE ASSETS**

Batch Update

Upload a CSV with details of the assets that you want to update (download the sample asset update CSV file for the required format). Limited to 500 asset update per upload.

Download sample asset update CSV

SELECT CSV FILE SUBMIT

First download the sample asset update .CSV file (sample_asset.csv).
Input the **Asset ID**, **Duty Type**, and **Default Driver ID** into the spreadsheet.

sample_asset.csv

File Home Insert Page Layout Formulas Data Review View Automate Help

	A	B	C
1	Asset ID (required, case sensitive)	Duty Type (optional)	Default Driver ID (optional, case sensitive)
2	asset001	heavy	123456
3	asset002	medium	789456
4	asset003	light	987654

Data Requirements

Column A	Enter the Asset ID (case sensitive)	Required
Column B	Enter the Duty Type	Optional
Column C	Enter the Default Driver ID (case sensitive)	Optional

SELECT CSV FILE

After entering data and saving the file, select the **Select CSV File** button to upload your completed file.

✓ SAMPLE_ASSET.CSV

The **Select CSV FILE** button will now show a check mark to show that the file is selected.

SUBMIT

Select the **SUBMIT** button to import your driver list to the system.

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Configurations

Basic Configurations are configurations/parameters that relate to each type of an incident.

Set event thresholds, enable/disable events, and configure event videos across a variety of parameters:

The configuration parameters typically include:

- **Incident threshold**
  - Defined threshold relative for that event.
- **Video resolution**
  - The resolution of image/video capture -1280x720, 640x360 or 320x180
- **Video format:** The video captured is one of the following types:
  - Road facing feed only.
  - Driver facing feed only.
  - Side-By-Side Road and Driver facing collaged horizontally next to each other.
  - Separate Road and driver facing videos are stored as separate video files.
  - Picture In Picture: Scaled version of either the driver or the road facing camera feed is overlaid on the other as a picture in picture. Configuration allows one to choose which of the two camera feeds should be used as the base video feed.
- **Video quality**
  - Change the bitrate for the video capture. Bitrate is tied to the quality and video resolution. For a fixed video resolution, higher video quality implies higher bit rate. Please note that increasing the bit rate will increase the size of the video file.
- **Pre event duration (Seconds):**
  - The duration for which the video should be captured before the event got triggered. This is limited to a maximum of 9 seconds.
- **Post event duration (Seconds):**
  - The duration for which the video should be captured after the event has triggered. This is limited to a maximum of 50 seconds.
- **Ability to turn off the event.**
- **Ability to turn off media capture.**

In addition to the common parameters, some events might also have additional event specific configuration parameters e.g., minimum speed limit only above which a particular event is triggered.

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Configurations

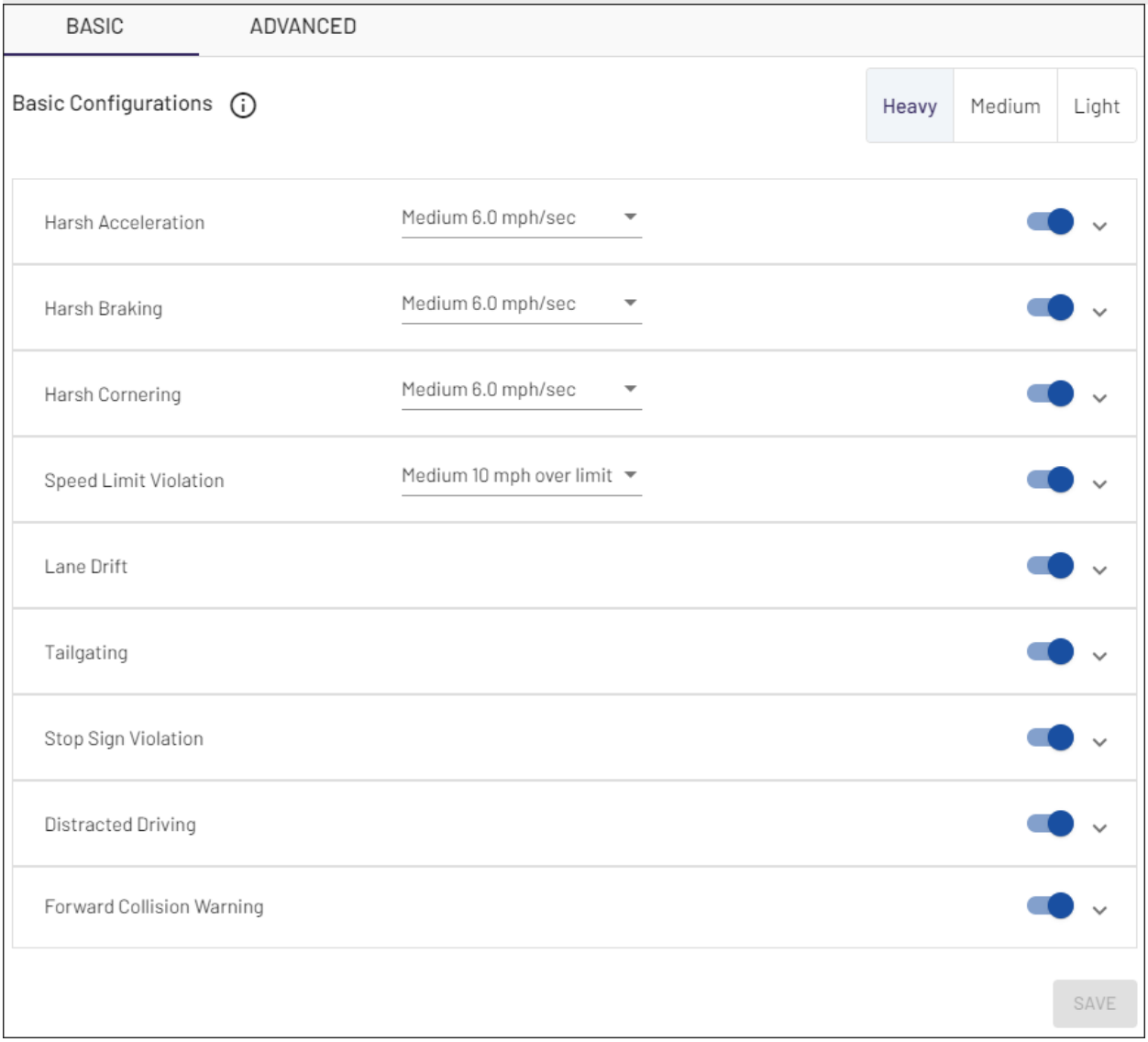
Select the **Hamburger** icon ☰ to display the side bar.
Select the **Configurations** option to open the home page.

The configuration's page has two tabs: **BASIC** and **ADVANCED**

OVERVIEW MANAGE ASSETS

Basic Configurations

Home | Configurations | **BASIC Tab**



Heavy | Medium | Light

These are configurations and parameters that relate to each type of incident, such as incident thresholds and video configurations, which need to be configured separately for each Duty Type of **Heavy, Medium, or Light**.

Medium 6.0 mph/sec

Incident Thresholds

A few configurations have a speed parameter.

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All configurations have a **On** and **Off** option.

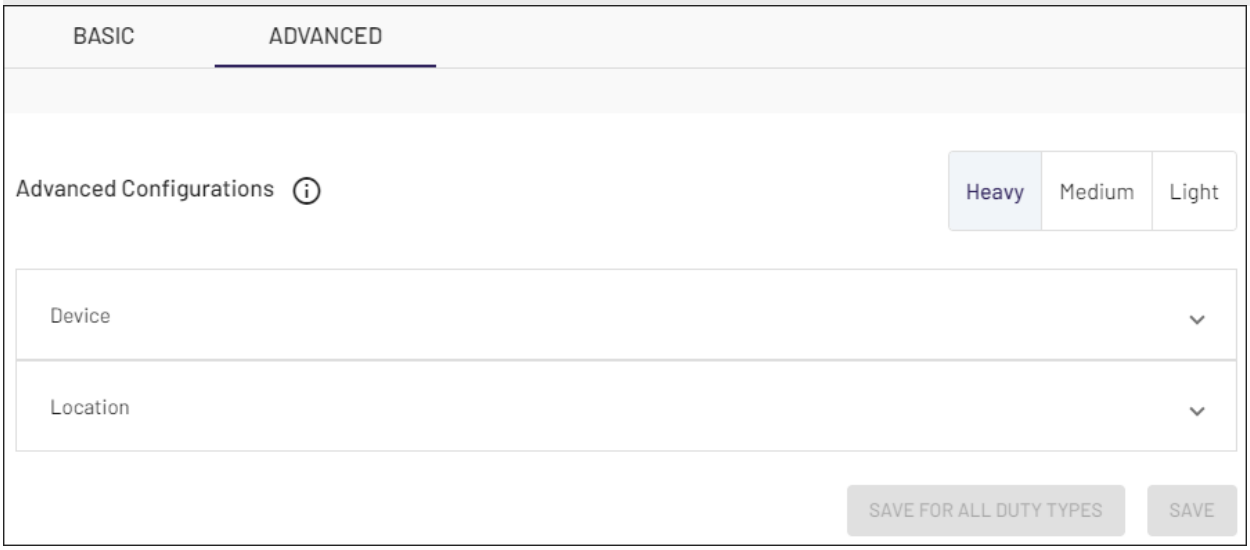
All configurations have Video options that are accessed using the **Expand** icon.

After making changes, be sure to use the **Save** or **Save for all Duty Types** button.

The Configurations page has two tabs, **Basic** and **Advanced**.

Advanced Tab

Home | Configurations | **ADVANCED Tab** (sections not expanded)



Configurations that control device specific parameters such as notification volume and driver camera disabling.

Use the **Expand** button to view options.

After making changes, be sure to use the **Save** or **Save for all Duty Types** button.

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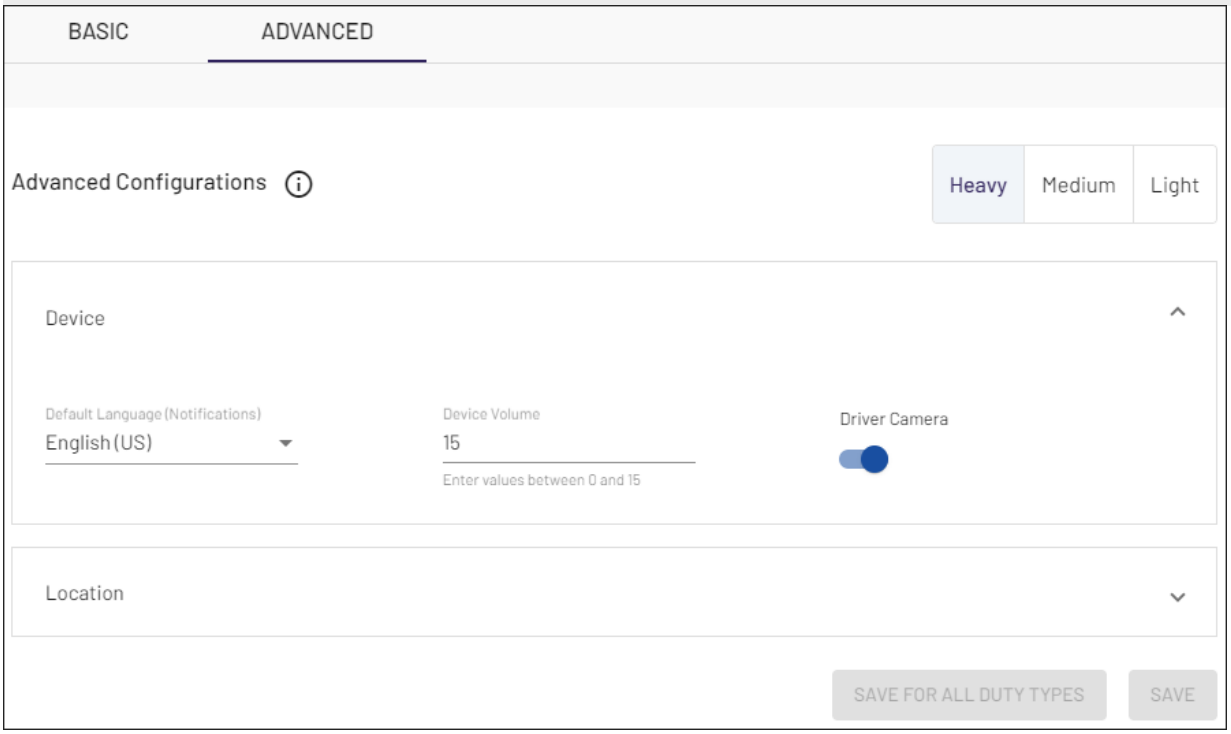
Device Options (section expanded)

Home | Configurations | ADVANCED | **Device expanded**



Device Settings

Default Language

Options: English (US), English (Great Britain), English (Australia), English (Canada), Spanish, French (France), French (Canada), Portuguese (Portugal), Portuguese (Brazil).

Device Volume

Options: 0 - 15

Driver Camera

Options: On, Off

After making changes, be sure to use the **Save** or **Save for all Duty Types** button.

Location Options (section expanded)

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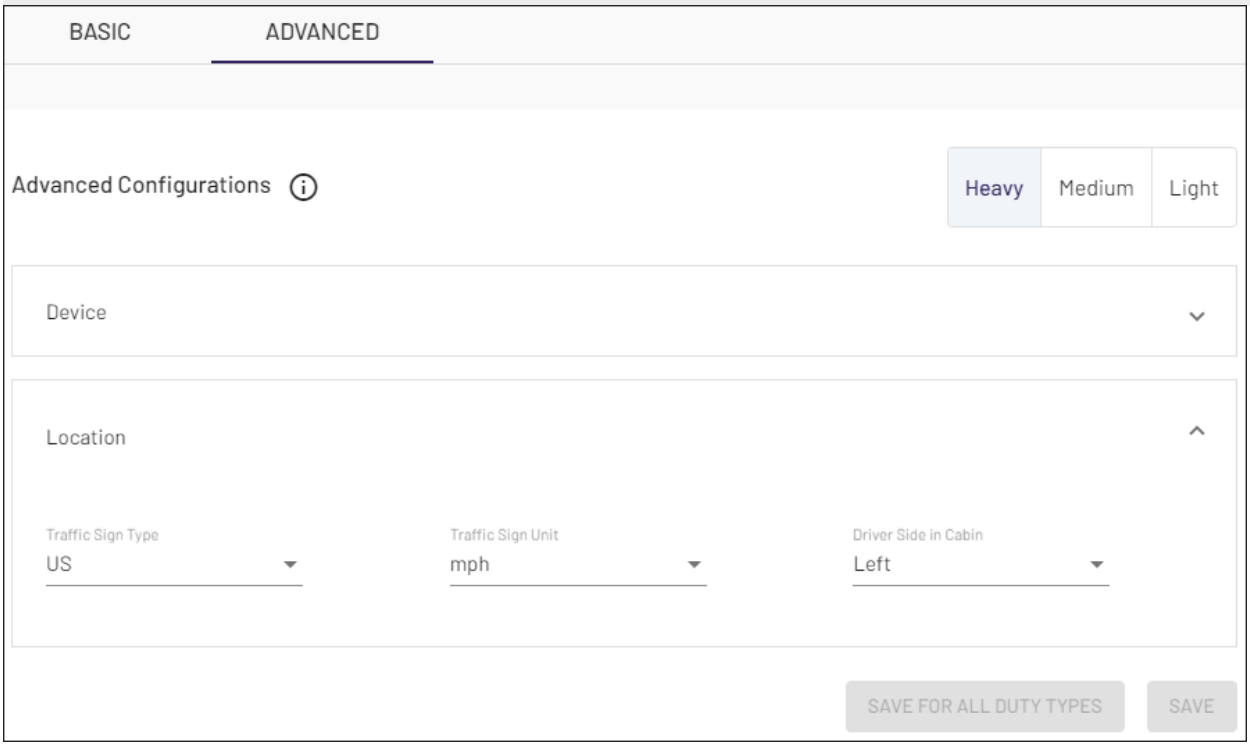
Location Options (section expanded)

Home | Configurations | ADVANCED | **Location expanded**



Location Settings

Traffic Sign Type

Options: US, Canada, Australia, Israel, Vienna, South Africa.

Traffic Sign Unit

Options: mph, kmph

Driver Side in Cabin

Options: Left, Right

After making changes, be sure to use the **Save** or **Save for all Duty Types** button.

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Configuration Descriptions

Basic Configurations

Harsh Acceleration

Harsh acceleration occurs when a driver uses more throttle than necessary.

Harsh Braking

Harsh braking occurs when a driver uses more force than necessary to stop the vehicle.

Harsh Cornering

Harsh cornering occurs when a driver takes a turn or curve too fast. This action increases the amount of force on the vehicle, putting top-heavy vehicles at risk of overturning.

Speed Limit Violations

The person is exceeding the speed limit.

Lane Drift

Swerving in and out of two lanes while you are driving.

Tailgating

Drive too close behind another vehicle.

Stop Sign Violation

A stop sign violation is when a driver fails to stop at a stop sign.

Distracted Driving

Driving a motor vehicle while engaged in another activity that prevents the driver from watching the road ahead.

Forward Collision Warning

Forward collision warns the driver of an impending collision by detecting a stopped or slowly moved vehicles ahead of your vehicle.

Advanced Configurations

Device

Device refers to the SD Protect camera.

Location

Describes the country in which you drive.

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