

USER GUIDE

VIDEO TELEMATICS PLATFORM




John Smith		2018-10-10 03:50:10		John Smith	
		Metrics: Miles		Timezone	
2018-11-02 23:18:22 Autoupload	2018-10-11 19:15:43 Autoupload	2018-10-11 16:05:13 Accelerate	2018-10-11 01:10:59 Accelerate	2018-10-24 23:55:24 John Smith	
8436	9850	8436	8436	8436	8436



INTRODUCTION


The platform will allow the Telematics Service Provider to remotely manage and integrate all the assigned devices with the related driving data and footages. The main approach is to connect 3rd party systems together that involves translating data between different formats, and often aggregating separate sets of data together to satisfy the data exchange. The platform will securely enable the assigned vehicles to exchange data and live streaming with remote servers via a cellular bearer. These remote servers will store all the data that's accumulated from the active devices and process remote service requests, which provide the users with summary about their vehicle's status and all the driving data. The Platform delivers this expanding web of connectivity by creating Middleware which connects proprietary, and open interfaces together.

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1.1 Navbar buttons & icons



Dashboard icons

Devices icons

	PARKED
	IDLE
	MOVING
	OUT OF AREA

Status icons

	SPEEDING
	BRAKE
	SHOCK
	ACCELERATE
	TURN
	PANIC

Events icons





	ACTIVE TODAY
	CHECK CONNECTION
	CHECK SETTINGS
	CHECK MEDIA
	IDLE
	EMERGENCY

DASHBOARD PREVIEW




















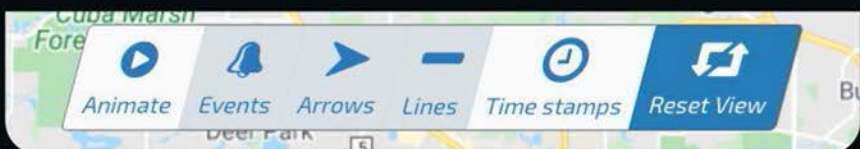
Routes & Media icons

MARKERS

	Brake		Stop up to 5 minutes
	Panic		Stop up to 15 minutes
	Accelerate		Stationery over 15 minutes
	Turn		No GPS signal
	Shock	EDIT DEVICE	
	Speeding		
	AlarmIn		SD card
	IgnitionOn		Hard drive
	IgnitionOff		Reboot
	Current route		Clear

MEDIA

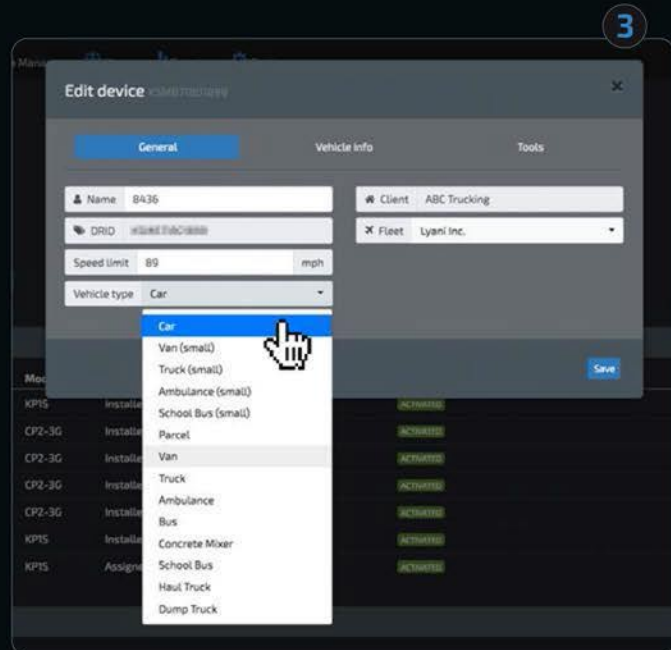
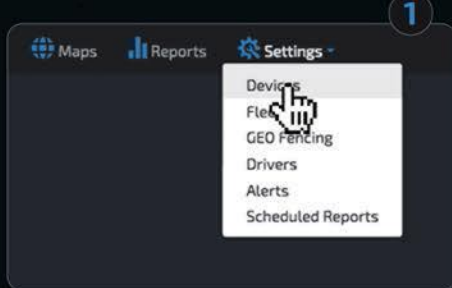
	Video		Route
	Picture		Review
	Severe shock	MAPS TOOLS	
	Street view		
	Video events		Animate
	Heading		Events
	Address		Arrows
	Speed		Lines
	Alarm in		Time stamps
			Reset View



Select vehicle icon



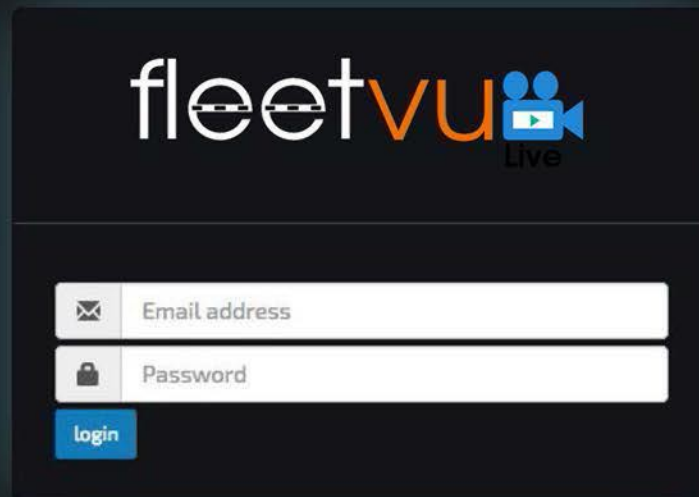
Settings - Devices - Edit



1.2 Login to Portal

To launch the TSP portal:

- Use the provided credintails to access the portal.



The screenshot shows the fleetvu Live login interface. At the top is the fleetvu Live logo. Below it are two input fields: 'Email address' with an envelope icon and 'Password' with a lock icon. A blue 'login' button is positioned below the password field.

2. Portal Features

2.1 Dashboard

Main portal dashboard will list at the glance statistical graphics that will help in identifying the occurred events up to the current date. The user can navigate through the dashboard as follows:

Vehicles table will list all the registered vehicles identifying their current status as follows:

- **Red:** vehicle is currently **PARKED**.
- **Amber:** vehicle is currently **IDLE**.
- **Green:** vehicle is currently **MOVING**.

The dashboard will illustrate all the triggered events using graphical statistics. The only executable tabs will be (Out of area, Excessive speeding, Brake, Shock, Acceleration, Turn and Panic).

- Upon clicking on any of those buttons, a summary list will pop out including the device name, position, speed and date-time stamp.
- The summary can be exported in Excel or PDF format.
- Excessive speed can be set per device and adjusted from [Settings menu -> Devices -> Edit](#).
- Out of area icon will list all the vehicles that were triggered out the predefined GEO fence.

The dashboard interface includes a top navigation bar with links to Events, Media Manager, Maps, Reports, and Settings. The main section is titled 'Dashboard' and features a summary of vehicle statuses: 4 PARKED (red car icon), 1 IDLE (orange car icon), and 1 MOVING (green car icon). Below this is a map of Chicago with a 'Show all devices' button. To the right of the map are six event counters: SPEEDING (54), BRAKE (0), SHOCK (28), ACCELERATE (0), TURN (0), and PANIC BUTTON (0). Below these is a 'Vehicles' table with columns for vehicle ID, name, and status. A detailed view for vehicle 8436 is shown in a pop-up window, indicating it is 'MOVING' at 31.1 mph, heading W (290°), and located at 9942 W Bryn Mawr Ave, Rosemont, IL 60018, USA.

Click on the desired vehicle to allocate it on the map.

- The vehicle will be color coded according to its current status.
- By clicking on the vehicle, a summary window will pop out, includes vehicle name, device DRID, current status, location and multiple executable buttons.



2.2 EVENTS

Events menu will generate a summary list of all the triggered events. The listed events can be filtered as of the current date, 7-days and 30 days.

Events

ACTIVE TODAY: 3 | CHECK CONNECTION: 2 | CHECK SETTINGS: 2 | MEDIA ERROR: 0 | IDLE: 1 | EMERGENCY: 0

● Today ● 7 days ● 30 days

New Reviewed Completed Dismissed

Filter: Select All

Vehicle	Event type	Event time
8967	Speed	11/18/2020 07:26:47 AM
8967	Speed	11/17/2020 06:02:18 AM
8967	Turn	11/17/2020 05:21:17 AM
8967	Speed	11/17/2020 05:19:44 AM
8967	Speed	11/17/2020 05:05:56 AM
8967	CameraObstruction	11/17/2020 05:04:12 AM
8967	Speed	11/16/2020 02:41:05 PM
8436	Speed	11/16/2020 10:48:09 AM
8967	Speed	11/16/2020 05:33:58 AM
8967	NoGPS	11/15/2020 06:38:20 PM
8967	Speed	11/12/2020 02:37:35 PM
8967	Speed	11/12/2020 11:14:27 AM
8967	Speed	11/12/2020 11:00:11 AM
9850	NoGPS	11/12/2020 09:38:43 AM

TURN 8967 / F4MC21800002

11/17/2020 05:21:17 AM [Dismiss](#)

714 Mills St, Hinsdale, IL 60521, USA [View trip](#)

Heading W (264°) [Street view](#)

Speed: 26.7 mph

Vehicle Details [Review](#)

[Quick dismiss](#) [Dismiss](#)

Metrics: Miles Time format: 12h Timezone: America/Chicago

Events menu will include executable graphical icons that generate summary reports of the following:

- **Active Today:** lists the currently active devices.
- **Check Connection:** indicates devices that stopped sending data to the platform without proper "Ignition Off" for more than 1 hour.
- **Check Settings:** lists the devices that requires settings checkup.
- **Check Media:** shows devices that reported SD card errors and initiated a format.
- **Idle:** lists that devices that are active but not moving for certain period of time.
- **Emergency:** lists devices that triggered both Panic and Severe Shock events.
- **Completed:** Added option to track "Completed" events.

A Color code shows the following events:

- Red:** lists Shock, Severe Shock and Panic events.
- Amber:** lists Brake, Acceleration and Turn events.
- Gray:** list Speed events.

The user can review any of the listed events by selecting one. A 20 seconds low resolution footage will be presented, that includes the device name and DRID, vehicle's information, registered speed, time stamp and event's location.

Incase of an accident occurrence the user can have a street view of the event by clicking on [Street View](#) button.

[Street view](#)

[View trip](#)

[Video](#)

[Vehicle Details](#)

[Review](#)

The user can retrieve MP4 footage of the event by clicking on **Video** button. This button will be colored green to indicate that the video was requested previously, and will playback within the same window. Otherwise, a message stating Request has been submitted will show up.

Video

Event route will be listed under View Route tab for the selected vehicle.

- Click on **View Trip** button.
- A new window will pop out listing all the routes corresponding to the triggered event.

View trip

The user can dismiss the unnecessary events by typing dismiss reason and clicking on **Submit** button. However, the events will be listed in a separate tab called Dismissed.

Dismiss

Submit

The user can review and arrange the triggered events by clicking on **Review** button. This button will provide the user with the ability to write comments on each event in order to manage them.

Review

TURN / 1115 W Rand Rd, Arlington Heights, IL, 60004, USA 22.4 mph

03/17/2021 12:40:49 AM

No comments.

Events
Media Manager
Maps
Reports
Settings

Back to SwiftHub
Admin
John Smith

Event route for Lincoln MKT

Accelerate 6.2 mph, heading: N, 2018-05-12 05:05:12

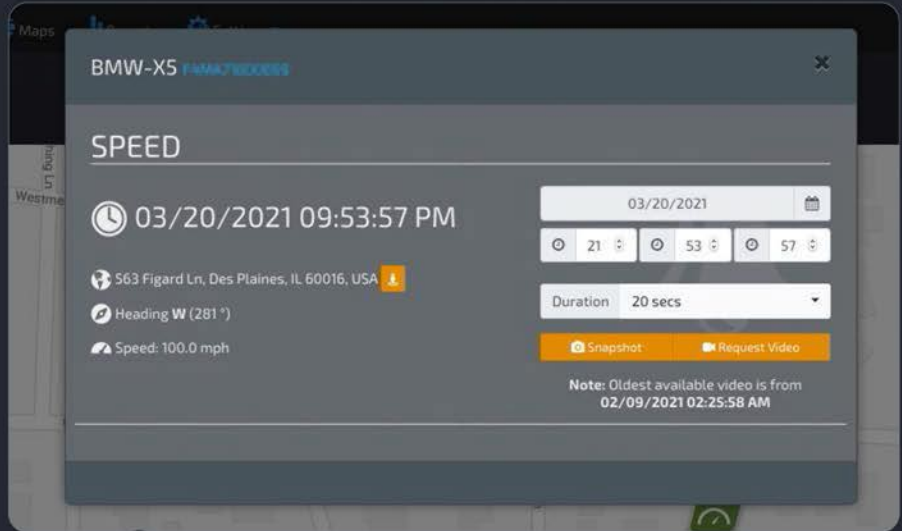
31.7	2018-05-12 04:35:16	31.7 mph, LiveTrack, heading: SW,
31.7	2018-05-12 04:35:31	31.7 mph, LiveTrack, heading: NW,
19.3	2018-05-12 04:35:46	19.3 mph, LiveTrack, heading: E,
0.0	2018-05-12 04:36:01	0.0 mph, LiveTrack, heading: E,
0.0	2018-05-12 04:36:16	0.0 mph, LiveTrack, heading: E,
19.3	2018-05-12 04:36:31	19.3 mph, LiveTrack, heading: NE,
18.0	2018-05-12 04:36:46	18.0 mph, LiveTrack, heading: N,
0.0	2018-05-12 04:37:01	0.0 mph, LiveTrack, heading: N,
0.0	2018-05-12 04:37:16	0.0 mph, LiveTrack, heading: NW,
0.0	2018-05-12 04:37:31	0.0 mph, LiveTrack, heading: E,
0.0	2018-05-12 04:37:46	0.0 mph, LiveTrack, heading: E,
0.6	2018-05-12 04:38:01	0.6 mph, LiveTrack, heading: E,
11.2	2018-05-12 04:38:16	11.2 mph, LiveTrack, heading: W,
18.9	2018-05-12 04:38:31	19.9 mph, LiveTrack, heading: S,
8.7	2018-05-12 04:38:46	8.7 mph, LiveTrack, heading: SE,
10.6	2018-05-12 04:39:01	10.6 mph, LiveTrack, heading: N,
1.2	2018-05-12 04:39:16	1.2 mph, LiveTrack, heading: NE,
0.0	2018-05-12 04:39:31	0.0 mph, LiveTrack, heading: NE,
0.6	2018-05-12 04:39:46	0.6 mph, LiveTrack, heading: NE,
0.6	2018-05-12 04:40:01	0.6 mph, LiveTrack, heading: W,
0.0	2018-05-12 04:40:16	0.0 mph, LiveTrack, heading: NE,
0.0	2018-05-12 04:40:31	0.0 mph, LiveTrack, heading: NE,
0.0	2018-05-12 04:40:46	0.0 mph, LiveTrack, heading: NE

Global map

Metrics: Miles
Time format: 12h
Timezone: America/Chicago

These routes are being registered as a live track every 15 seconds increments, including the event itself, which is being colored differently so the user can allocate the exact event.

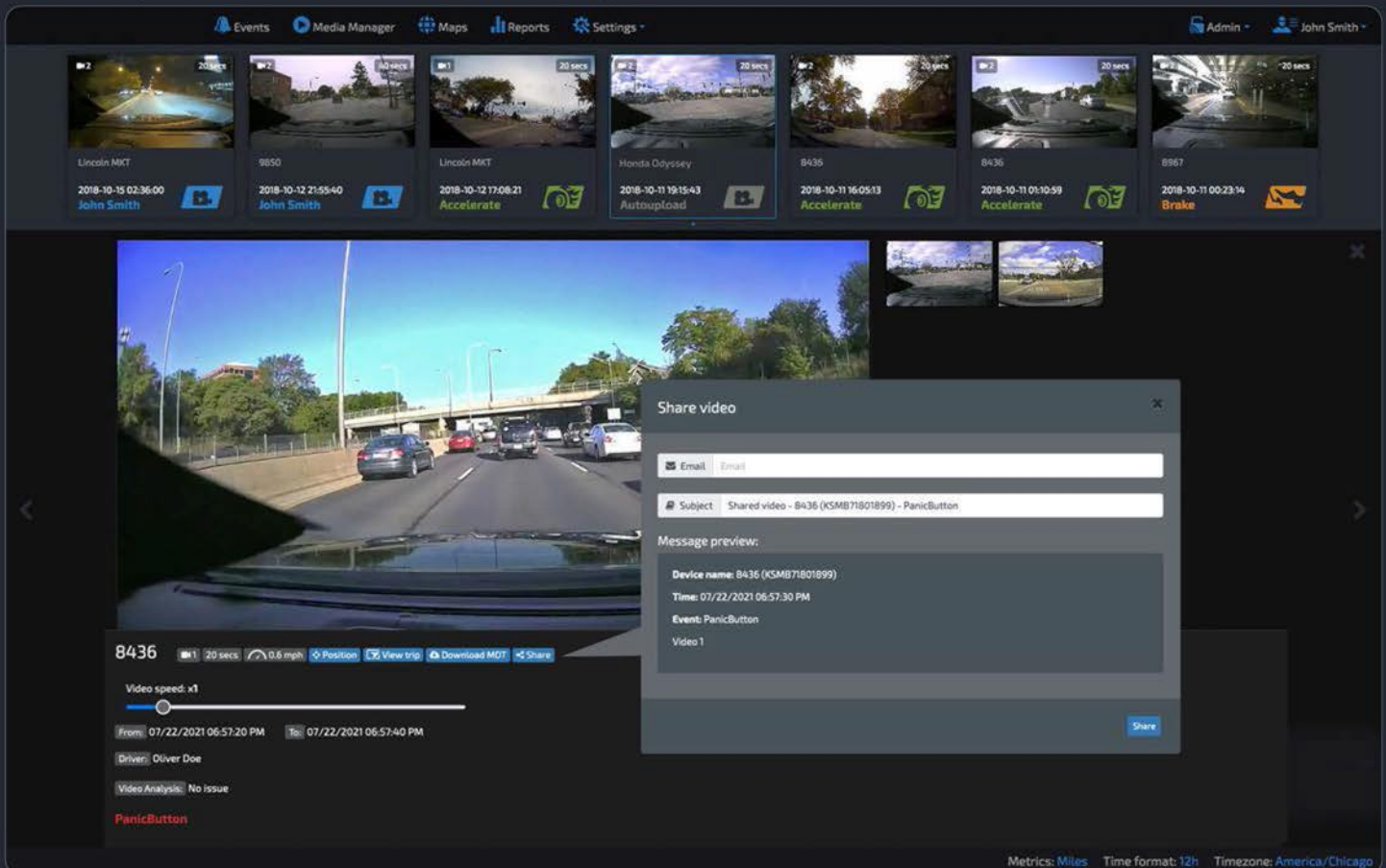
The user can click on any of the routes to request a snapshot or video as follows:



2.3 MEDIA MANAGER

Media Manager will include all the manual and auto-uploaded footage requests. The user can setup a search filter for certain device/entire fleet, and specify the time range.

- A 20 seconds footage for each triggered event with date & time stamp including the requester name.
- Videos will be labeled according to the recorded camera.
- User can download the footage as of MP4/ MDT file extension.
- Speed slider allows the user to play the video at different speeds.
- Added option to share link to a video to external email(s).





3. MAPS

Maps feature allows the user to allocate and view all the assigned vehicles.

- Graphical executable tabs indicating each event can be used as a searching mechanism (Search by: Panic, Shock, Acceleration, Brake, Speed, Turn or Idle).
- The map will cluster the nearby located vehicles, or indicate them via colored arrow according to its current status (Idle, Parked, Moving or Lost Connection).
- User can search by vehicle or device s/n using Search device bar.
- There is a search by address option in the upper right corner. When the address is found the map will zoom right at it. If the user is searching for more than one address all will be indicated with markers.

The screenshot displays the FleetVu Maps interface. On the left, a sidebar lists vehicles with their status (Online/Offline) and location. The main map area shows a map of Chicago with vehicle markers. A top navigation bar includes Events, Media Manager, Maps, Reports, and Settings. A search bar is at the top left. A vehicle detail pop-up for 'Panamera' is shown, displaying OBD data like voltage, temperature, and speed. A search results pop-up for 'Wood' is also visible, listing various locations. A 'Map Settings' pop-up is shown at the bottom right.

When user selects vehicle from the list the map will auto pan and zoom to the selected vehicle when it changes its position.

- All completed trips for the day are displayed.
- Option to view current (in progress) trips.
- Date picker allows displaying historical trips.
- Custom interval option to capture specific time window.
- Camera controls (request buttons) available on the top of the map- no additional pop-up windows.

The screenshot displays the FleetVu interface. On the left, a sidebar lists vehicles with their status (Online/Offline) and location. The main map area shows a map of Chicago with vehicle markers. A top navigation bar includes Events, Media Manager, Maps, Reports, and Settings. A search bar is at the top left. A vehicle detail pop-up for 'Panamera' is shown, displaying OBD data like voltage, temperature, and speed. A search results pop-up for 'Wood' is also visible. A 'Map Settings' pop-up is shown at the bottom right.

Live stream Snapshot Latest video Request Video Event history Log history Media history

Executable functional buttons:

- **Live Stream:** a live stream from the vehicle's current location.



- **Snapshot:** a live image from the vehicle's current location.



- **Latest Video:** a 20 seconds footage of the vehicle's current location.

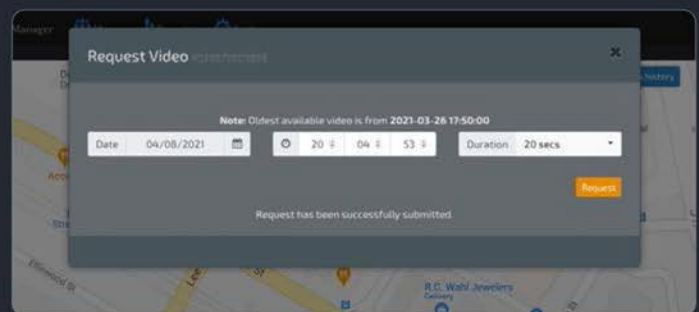
Note:

- The device should be online in order to respond to Snapshot & Latest Video.
- The user can download MP4 file footage by clicking on Download button.
- For data analysis, and driver behavior report, click on MDT File button.

This file extension will require the Software Analysis tool provided from SmartWitness (<http://support.smartwitness.com>).

- **Request Video:** adjust the desired date & time in order to initiate a 20 seconds footage request.

- All the requested videos will be listed under **Media Manager** menu, labeled as **Requester Name**.
- If the device is offline, all the user requests will be queued and processed once the device is online.



• **Event History:** a list of all the triggered events upon the current date. Date picker allows displaying historical events. The user is capable to export the event's summary in Excel or PDF.

• **Log History:** a list of all the camera events upon the current date. Date picker allows displaying historical events. The user is capable to export the event's summary in Excel or PDF format.

Event history

Export PDF Date: Please select Show

Event	Position	Heading	Speed (mph)	Time
IgnitionOff	564 Morgan Lane Illinois 60169	N (5 °)	0.0	02/01/2021 04:04:22 PM
IgnitionOn	Linden Circle Illinois 60179	S (72 °)	0.0	02/01/2021 04:05:54 PM
IgnitionOff	Linden Circle Illinois 60179	W (27 °)	0.0	02/01/2021 03:49:53 PM
Speed	20000 Touhy, Des Plaines, IL 60018, USA	NW (300 °)	79.5	02/01/2021 03:30:41 PM
Speed	Tri-State Tollway Illinois VPRCP	S (180 °)	74.8	02/01/2021 03:26:43 PM
Speed	I 91/94 US 41 Wisconsin 53108-1703	S (178 °)	91.3	02/01/2021 03:04:32 PM
IgnitionOn	1645 Main Street Wisconsin 53182	SE (138 °)	0.0	02/01/2021 02:51:17 PM
IgnitionOff	1645 Main Street Wisconsin 53182	SE (138 °)	0.0	02/01/2021 02:42:32 PM
IgnitionOn	562 Morgan Lane Illinois 60169	NE (60 °)	0.0	02/01/2021 09:04:11 AM
IgnitionOn	566 Morgan Lane Illinois 60169	N (0 °)	0.0	02/01/2021 09:02:52 AM
IgnitionOff	562 Morgan Lane Illinois 60169	N (8 °)	0.0	02/01/2021 07:44:51 AM
IgnitionOn	560 Morgan Lane Illinois 60169	N (3 °)	0.0	02/01/2021 06:09:30 AM
IgnitionOff	562 Morgan Lane Illinois 60169	N (3 °)	0.0	01/31/2021 08:50:24 PM
Speed	6136 Ruby St, Rosemont, IL 60018, USA	NW (307 °)	72.7	01/31/2021 08:33:21 PM
IgnitionOn	401 North LaSalle Boulevard Chicago Illinois 60654	W (278 °)	0.0	01/31/2021 07:49:21 PM
IgnitionOff	415 West Hubbard Street Chicago Illinois 60654	N (14 °)	0.0	01/31/2021 07:26:15 PM
IgnitionOn	435 West Hubbard Street Chicago Illinois 60654	SW (245 °)	0.0	01/31/2021 07:03:14 PM
IgnitionOff	110-114 West Kinzie Street Chicago Illinois 60654	SW (241 °)	0.0	01/31/2021 06:41:55 PM
IgnitionOn	415 West Hubbard Street Chicago Illinois 60654	S (185 °)	0.0	01/31/2021 06:27:20 PM
IgnitionOff	415 West Hubbard Street Chicago Illinois 60654	S (173 °)	0.0	01/31/2021 06:00:20 PM
IgnitionOn	123 Forest Park Lane Illinois 60169	S (173 °)	0.0	01/31/2021 04:58:23 PM

Log history

Export PDF Date: 01/31/2021 Show

Event	Position	Heading	Speed (mph)	Time
DeviceOffline	560 Morgan Lane Illinois 60169	N (3 °)	0.0	01/31/2021 09:10:15 PM
TripCompleted	560 Morgan Lane Illinois 60169	N (3 °)	1.0	01/31/2021 09:05:15 PM
LiveTrack	560 Morgan Lane Illinois 60169	N (3 °)	0.0	01/31/2021 09:05:14 PM
LiveTrack	560 Morgan Lane Illinois 60169	N (3 °)	0.0	01/31/2021 09:04:59 PM
LiveTrack	560 Morgan Lane Illinois 60169	N (3 °)	0.0	01/31/2021 09:04:44 PM
LiveTrack	560 Morgan Lane Illinois 60169	N (3 °)	0.0	01/31/2021 09:04:29 PM
LiveTrack	560 Morgan Lane Illinois 60169	N (3 °)	0.0	01/31/2021 09:03:56 PM
LiveTrack	560 Morgan Lane Illinois 60169	N (3 °)	0.0	01/31/2021 09:03:41 PM
LiveTrack	560 Morgan Lane Illinois 60169	N (3 °)	0.0	01/31/2021 09:03:26 PM
LiveTrack	North Roselle Road Illinois 60195	N (0 °)	35.0	01/31/2021 09:00:48 PM
LiveTrack	North Roselle Road Illinois 60195	N (359 °)	20.0	01/31/2021 05:00:33 PM
LiveTrack	North Roselle Road Illinois 60195	N (0 °)	0.0	01/31/2021 05:00:18 PM
LiveTrack	North Roselle Road Illinois 60195	N (11 °)	21.0	01/31/2021 04:59:31 PM
LiveTrack	695 Illinois Boulevard Illinois 60169	E (75 °)	28.0	01/31/2021 04:59:30 PM
DeviceOnline	562 Morgan Lane Illinois 60169	S (173 °)	0.0	01/31/2021 04:58:23 PM
IgnitionOn	123 Forest Park Lane Illinois 60169	S (173 °)	0.0	01/31/2021 04:58:23 PM
DeviceInitialized	562 Morgan Lane Illinois 60169	S (173 °)	0.0	01/31/2021 04:58:23 PM

• **Media History:** a list of 10 most recent videos and snapshots for the selected device. There is an option to select custom period of time.

Media history

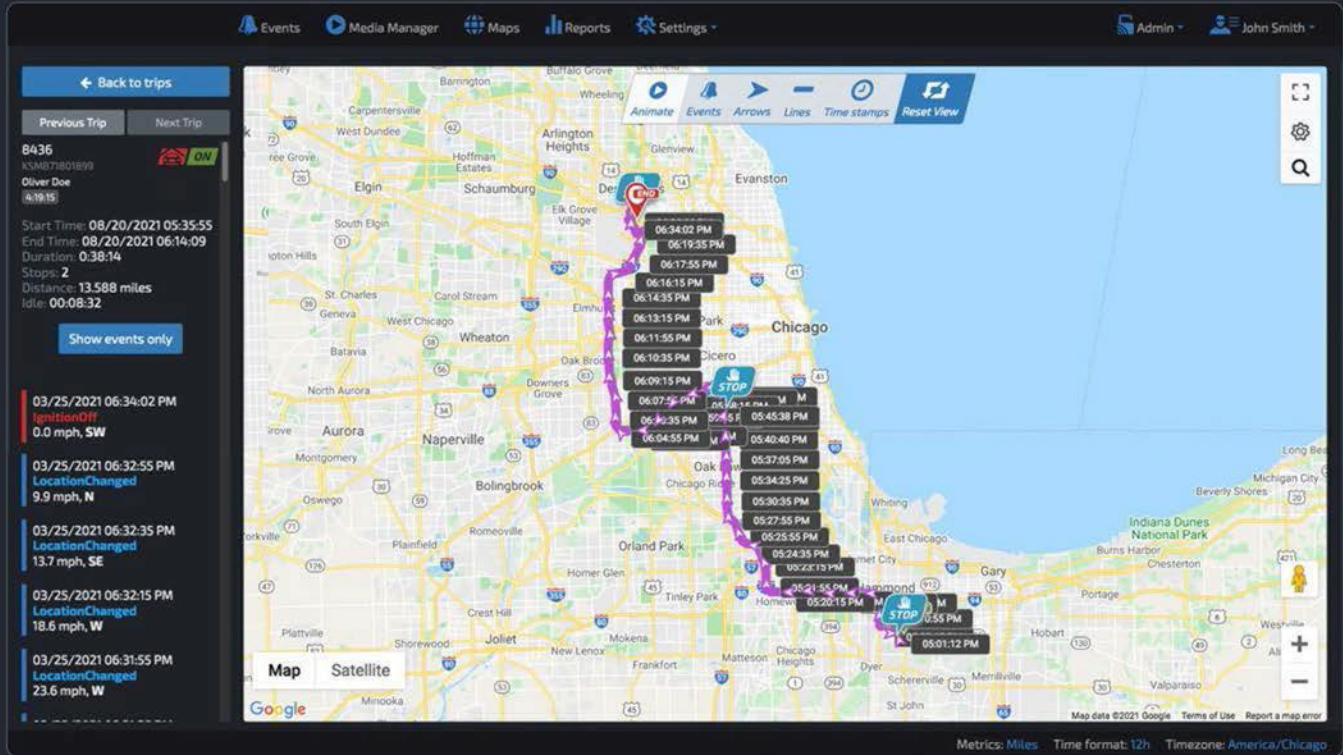
From 06/28/2021 To 06/28/2021 Get Media

10 most recent videos and snapshots

<p>8436</p> <p>06/19/2021 12:58:52 PM</p> <p>John Smith</p>	<p>8436</p> <p>06/19/2021 12:58:51 PM</p> <p>PanicButton</p>	<p>8436</p> <p>06/19/2021 12:01:11 PM</p> <p>PanicButton</p>	<p>8436</p> <p>06/19/2021 07:34:57 AM</p> <p>John Smith</p>	<p>8436</p> <p>06/11/2021 07:02:54 PM</p> <p>Speed</p>
<p>8436</p> <p>06/10/2021 02:31:28 PM</p> <p>John Smith</p>	<p>8436</p> <p>06/10/2021 02:31:08 PM</p> <p>John Smith</p>	<p>8436</p> <p>06/05/2021 07:56:46 PM</p> <p>Brake</p>	<p>8436</p> <p>05/30/2021 03:37:44 PM</p> <p>Brake</p>	<p>8436</p> <p>05/29/2021 11:25:47 AM</p> <p>Brake</p>

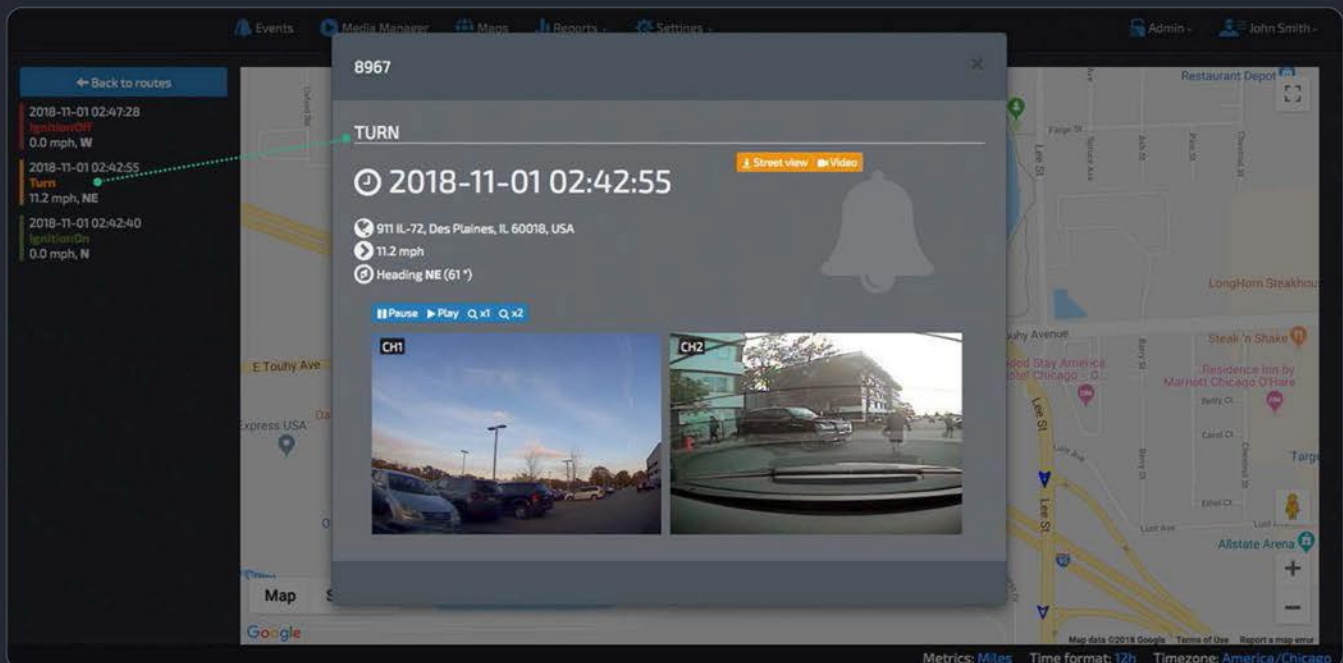
When user clicks on chosen route it will be drawn on the map and important events will be displayed in the side menu.

- Depending on the user preferences they may see the events, the arrows pointing the path or both. By clicking on **Animate**, an animated representation of the route shows up.
- User can click **Back to routes** to return to previous menu and select another route or click on Global map to reset the map and show all devices.



Upon selecting the desired certain event tab, all the recorded footages will be listed on the left side of the screen.

- User can request the event footage by clicking on Video button.



4. REPORTS

This feature allows the user to generate summary reports by open **Reports** menu.

The screenshot shows the FleetVu Reports menu with the following categories:

- Event History**: Aggregated event history report per vehicle for selected time period.
- Detailed Events**: Detailed Events history report for single, multiple vehicles or fleets.
- Summary**: Summarized report for single, multiple vehicles or fleets for selected time period.
- Detailed**: Detailed reports per category.
- Location History**: Detailed report for vehicle location history with map positioning.
- Inactivity Report**: Track vehicle activity - inactive vehicles for customized period.
- Overdue Maintena...**: Track defined maintenance schedules for vehicles.
- GEO Fence**: Report on created Geo-fences breaches.
- Graphs**: Visual graphs representing top 5 offenders per category.
- Time Card**: Trip/Time report for selected vehicles weekly, bi-weekly, monthly.
- Trip Report**: Trip reporting for vehicles with start/stop location duration and route trail on a map.
- Score card**: Driving behavior score card and statistics.
- Driver report**: Allows tracking driver performance where driver has been assigned to a vehicle.
- User Activity**: Track user activity - login, logoff, operations performed while logged in.
- No Driver Assigned**: Lists all vehicles with no assigned drivers, and shows ratio of total vehicles vs. assigned drivers.
- Stops**: Lists the location, duration, and start time of any non-movement event.
- State Mileage**: Shows total miles driven per state and state entry and exit times.
- Posted Speed**: Shows vehicle speed, overage and speeding duration, using actual road posted speed data.
- OBD History**: Detailed report for vehicle OBD data.

Metrics: Miles Time format: 12h Timezone: America/Chicago

4.1 Event History

- Open **Reports** menu.
- Select Event History feature.
- User must select a vehicle, driver name (if registered) and time range.
- At the glance graphical statistics will present all the triggered events within the predefined period.

The screenshot shows the Event History report for a Lincoln MKT. The report includes a table of events and a video feed of the vehicle's location.

Vehicle	Event	Value	Time
Lincoln MKT	Speeding	114	2019-11-10 00:04:08
Lincoln MKT	Speeding	72.1	2019-11-10 00:05:05
Lincoln MKT	Speeding	72.1	2019-11-10 00:06:01
Lincoln MKT	Speeding	6.6	2019-11-09 20:01:00
Lincoln MKT	Speeding	24.8	2019-11-09 20:02:01
Lincoln MKT	Speeding	8.7	2019-11-09 20:02:25
Lincoln MKT	Speeding	48.1	2019-11-09 21:02:38
Lincoln MKT	Speeding	42.9	2019-11-09 17:28:04
Lincoln MKT	Speeding	10.1	2019-11-09 06:29:01
Lincoln MKT	Speeding	72.7	2019-11-09 06:34:01
Lincoln MKT	Speeding	75.8	2019-11-09 06:35:01
Lincoln MKT	Speeding	43.5	2019-11-09 02:48:25
Lincoln MKT	Speeding	76.3	2019-11-09 01:01:01
Lincoln MKT	Speeding	72.7	2019-11-09 01:01:01
Lincoln MKT	Speeding	12.3	2019-11-09 01:01:01
Lincoln MKT	Speeding	34.7	2019-11-07 21:34:43
Lincoln MKT	Speeding	34.7	2019-11-07 20:08:04
Lincoln MKT	Speeding	21.6	2019-11-07 18:41:06
Lincoln MKT	Speeding	72.1	2019-11-07 06:01:25
Lincoln MKT	Speeding	42.9	2019-11-07 03:23:08
Lincoln MKT	Speeding	35.7	2019-11-07 03:18:08
Lincoln MKT	Speeding	12.6	2019-11-07 01:23:30
Lincoln MKT	Speeding	13.1	2019-11-06 18:04:44
Lincoln MKT	Speeding	72.7	2019-11-06 14:24:42
Lincoln MKT	Speeding	42.1	2019-11-06 12:24:41
Lincoln MKT	Speeding	21.7	2019-11-06 01:27:16

SHOCK / Lincoln MKT / 2019-11-09 00:54:25

2019-11-09 00:54:25

2019-W Washington St, Chicago, IL 60604, USA

Heading N (8°)

Speed: 8.7 mph

Vehicle Details

Review

Dismiss

Metrics: Miles Time format: 12h Timezone: America/Chicago

4.2 Detailed Events

- Open **Reports** menu.
- Select Detailed feature.
- Specify the period range.
- Select certain device to view and the status type (Idle/Active time, Distance, Speed, Events, Log history).
- Export the spreadsheet either in Excel/PDF format.

Detailed events report

Choose a time period: From 09/08/2020 To 11/18/2020

Select Event type: Events Select All

Select Device OR Fleet: Devices Panamera Fleets Nothing selected

☐ Show devices without selected events

[Export](#) [PDF](#) [Show](#) [Schedule](#)

Name	DRID	Fleet	Last contact	Latitude	Longitude
Panamera			10/30/2020 11:33:28 AM	29.778669	-95.752602

Metrics: [Miles](#) Time format: 12h Timezone: [America/Chicago](#)

4.3 Summary

- Open **Reports** menu.
- Select Summary feature.
- Specify the desired period range.
- Filter by device/s, fleets, or all devices.
- Export the spreadsheet either in Excel/PDF format.

Summary report for all devices

From 2019-04-01 To 2019-04-02

Devices 5 items selected Fleets Select All

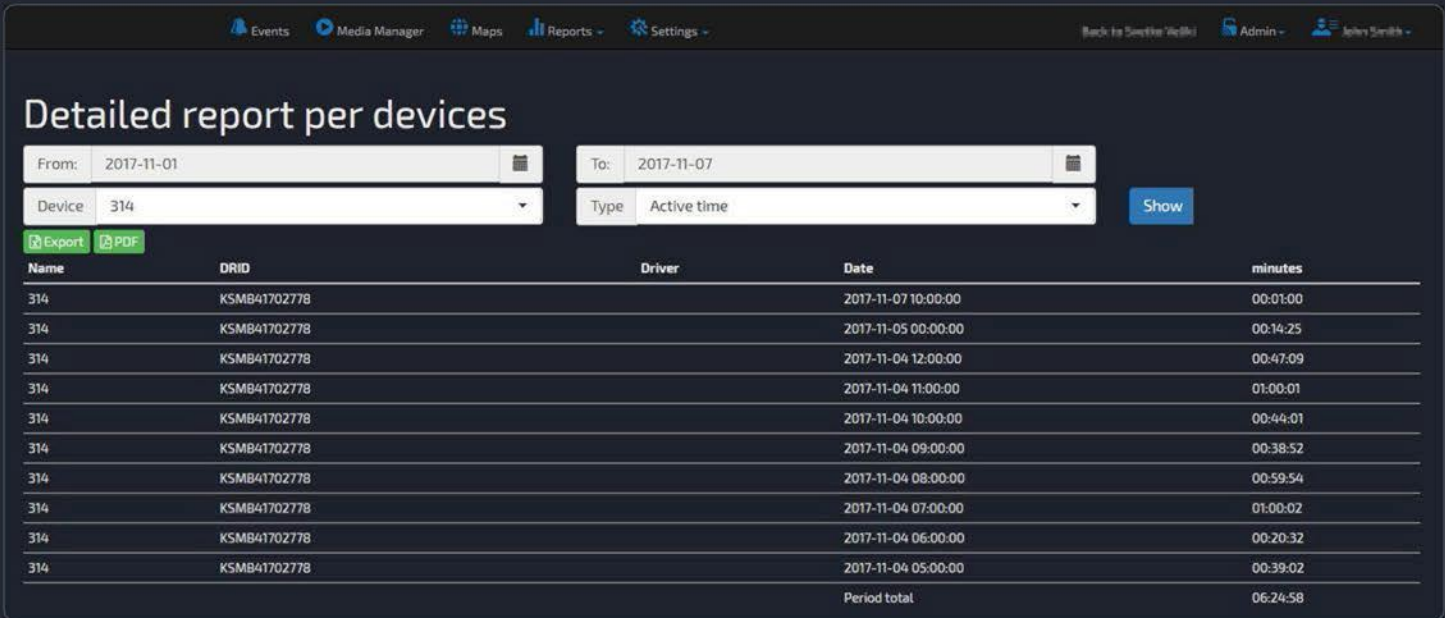
[Export](#) [PDF](#) [Show](#) [Schedule](#)

Name	DRID	Idle (%)	Idle (min)	Active (min)	Distance(miles)	Max speed(mph)	Average speed(mph)	Accelerate	Brake	Turn	Shock	Severe Shock	Alarmin	Media Error
John Smith		72.8 %	83.3	31.1	15.3	49.7	21.3	0	0	0	0	0	0	0
9850		67.8 %	834.4	396.6	74	72.7	39.2	0	2	0	5	0	0	0
8436		42 %	297.5	411.1	215.3	72.7	29.7	3	0	0	9	0	0	0
Lincoln MKT		27.9 %	232.5	601.4	330	78.9	28.7	0	1	0	4	0	0	0
Versa		14.9 %	18.4	105.6	40.1	49.1	26	0	0	0	0	0	0	0
Period totals		48.7 %	1466.1	1545.8	674.7			0	0	0	18	0	0	0

Metrics: [Miles](#) Timezone: [GMT -05:00](#)

4.4 Detailed

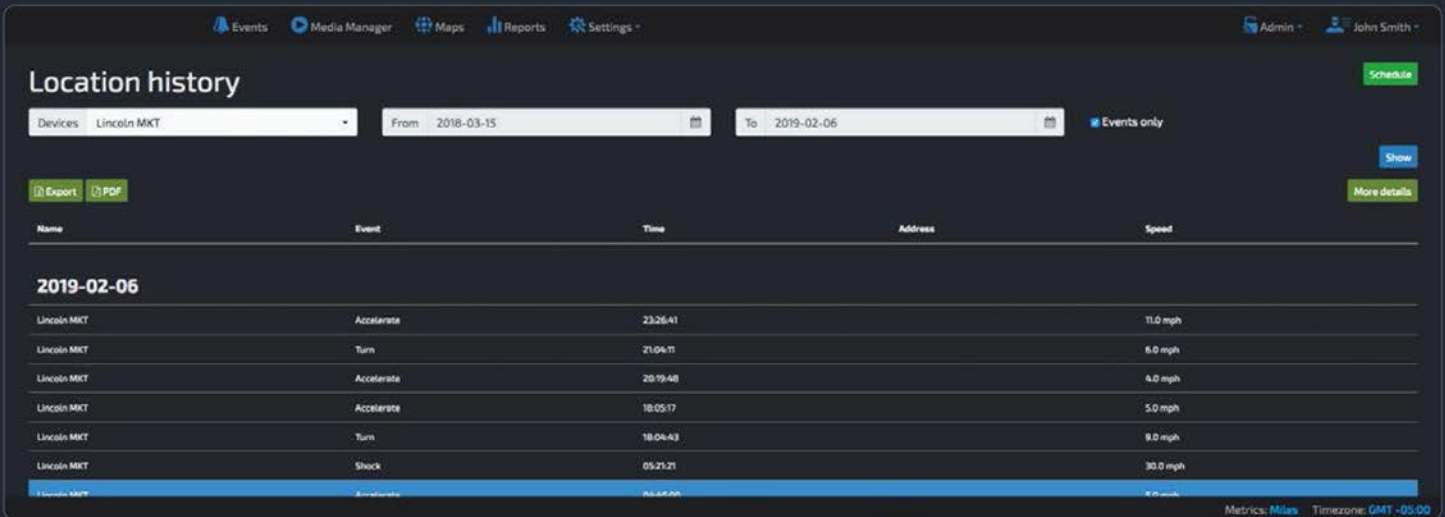
- Open **Reports** menu.
- Select Detailed feature.
- Specify the period range.
- Select certain device to view and the status type (Idle/Active time, Distance, Speed, Events, Log history).
- Export the spreadsheet either in Excel/PDF format.



Name	DRID	Driver	Date	minutes
314	KSM841702778		2017-11-07 10:00:00	00:01:00
314	KSM841702778		2017-11-05 00:00:00	00:14:25
314	KSM841702778		2017-11-04 12:00:00	00:47:09
314	KSM841702778		2017-11-04 11:00:00	01:00:01
314	KSM841702778		2017-11-04 10:00:00	00:44:01
314	KSM841702778		2017-11-04 09:00:00	00:38:52
314	KSM841702778		2017-11-04 08:00:00	00:59:54
314	KSM841702778		2017-11-04 07:00:00	01:00:02
314	KSM841702778		2017-11-04 06:00:00	00:20:32
314	KSM841702778		2017-11-04 05:00:00	00:39:02
Period total				06:24:58

4.5 Location History

- Open **Reports** menu.
- Select Location History feature.
- Choose certain vehicle to view.
- Specify the time period.
- User can generate a report based on triggered events (Panic, Shock, Turn, Brake, Acceleration and Speed) by clicking on Events Only tab otherwise, all the camera events will be listed (Live track, Device online/offline, Ignition on/off, etc.).
- Export the spreadsheet either in Excel/PDF format.



Name	Event	Time	Address	Speed
2019-02-06				
Lincoln MKT	Accelerate	23:26:41		11.0 mph
Lincoln MKT	Turn	21:04:11		6.0 mph
Lincoln MKT	Accelerate	20:19:48		4.0 mph
Lincoln MKT	Accelerate	18:05:17		5.0 mph
Lincoln MKT	Turn	18:04:43		9.0 mph
Lincoln MKT	Shock	05:21:21		30.0 mph
Lincoln MKT	Accelerate	04:44:00		6.0 mph

Metrics: Miles Timezone: GMT -03:00

4.6 Inactivity Report

- Open **Reports** menu.
- Select Inactivity Report feature.
- Shows vehicle's activity for specific period and days - active/inactive days.
- Export the spreadsheet either in Excel/PDF format.

The screenshot shows the 'Inactivity Report' page in the FleetVu dashboard. The top navigation bar includes 'Events', 'Media Manager', 'Maps', 'Reports', and 'Settings'. The user is logged in as 'John Smith'. The page title is 'Inactivity Report'. Below the title, there are tabs for 'Last contact' (selected) and 'Detailed'. A filter section allows users to 'Show devices inactive since last contact for: 1 days'. There are buttons for 'Schedule', 'Show', 'Export', and 'PDF'. A table displays the following data:

#	Name	DRID	Last contact	Days Inactive
1	8967	F4MCEB8800	2019-04-01 23:37:31	1

At the bottom right, it shows 'Metrics: Miles' and 'Timezone: GMT -05:00'.

4.7 Overdue Maintenance

- Open **Reports** menu.
- Select Overdue Maintenance feature.
- A summary report will be listing all the vehicles that require certain maintenance care.
- Export the spreadsheet either in Excel/PDF format.

The screenshot shows the 'Overdue maintenance (PM)' page in the FleetVu dashboard. The top navigation bar is the same as in the previous screenshot. The page title is 'Overdue maintenance (PM)'. Below the title, there are buttons for 'Export' and 'PDF'. A table displays the following data:

Name	DRID	PM type	Current miles	Service miles	Miles left	Service date	
Tucson	KSMA41600231	Tires	59186	93206	34019	2018-10-31	PM
Lincoln	KSMB41700688	Oil Change	10996383	20999990	10003606	2018-06-30	PM

User can modify the required maintenance by clicking on PM button .

The screenshot shows the 'Device PM' modal window. It has a title bar with a close button. The main content area is titled 'Tucson 2011 KSMA41600231'. Below the title, there are two sections: 'PM Types' and 'Mileage'. The 'PM Types' section has a list of maintenance types: 'Coolant (Antifreeze)', 'Fuel filter', 'Tires', 'Engine Oil', 'Oil Change', 'Test', and 'Test 2'. The 'Mileage' section has fields for 'Current' and 'Service' mileage, and a 'Service date' field. There are 'Remove Type' and 'Save' buttons at the bottom right.

4.7 Geo Fence

- Open **Reports** menu.
- Select **GEO Fence** feature.
- Shows fence breach for selected device(s) for a given period.
- Time of device enter or exit GEO fence area.
- Export the spreadsheet either in Excel/PDF format.

Events
 Media Manager
 Maps
 Reports
 Settings

Admin
 John Smith

GEO Fence reports

Choose a time period:

From 2019-11-12

To 2019-11-12

Select GEO fence:

GEO Fences Select All

Events Nothing selected

Select Device OR Fleet:

Devices Nothing selected

Fleets Nothing selected

Group by:

☒ GEO Fence

☐ Device

Export
 PDF

Schedule

Show

GEO Fence	Fleet	Device	Event Time	In/Out	Event Type	Address
Lincoln MKT Parking	Michael Benk	Lincoln MKT	2019-11-12 19:40:47	Exit		North Meacham Road Illinois 60173
Lincoln MKT Parking	Michael Benk	Lincoln MKT	2019-11-12 03:11:14	Enter		Illinois 60007-3391
O'Hare Airport	Lyani Inc.	8967	2019-11-12 00:49:46	Exit		Bessie Coleman Drive Chicago Illinois 60666
O'Hare Airport	Lyani Inc.	8967	2019-11-12 00:38:56	Enter		Kennedy Expressway Chicago Illinois 60666
O'Hare Airport	Lyani Inc.	9850	2019-11-12 17:22:31	Exit		Bessie Coleman Drive Chicago Illinois 60666
O'Hare Airport	Lyani Inc.	9850	2019-11-12 17:09:17	Enter		Kennedy Expressway Chicago Illinois 60666
O'Hare Airport	Lyani Inc.	9850	2019-11-12 15:41:57	Exit		Kennedy Expressway Illinois 60124
O'Hare Airport	Lyani Inc.	9850	2019-11-12 15:21:04	Enter		O'Hare Way Chicago Illinois 60124
O'Hare Airport	Lyani Inc.	9850	2019-11-12 03:03:30	Exit		Bessie Coleman Drive Chicago Illinois 60666
O'Hare Airport	Lyani Inc.	9850	2019-11-12 02:53:49	Enter		Kennedy Expressway Chicago Illinois 60666
O'Hare Airport	Michael Benk	Lincoln MKT	2019-11-12 21:22:29	Exit		Kennedy Expressway Illinois 60124
O'Hare Airport	Michael Benk	Lincoln MKT	2019-11-12 21:10:42	Enter		Bessie Coleman Drive Chicago Illinois 60666

Metrics: Miles
 Timezone: GMT -05:00

4.8 Graphs

- Open [Reports](#) menu.
- Select Graphs feature.
- A graphical presentation of different events will be presented for the top 5 devices, which can be filtered up to 30 days.



4.10 Time Card

- Open **Reports** menu.
- Select Time Card feature.
- Weekly report for 1, 2, 4 or 6 weeks. List of all trips for given period with start address, stop address, duration and details.

Events

Media Manager

Maps

Reports

Settings

Admin

John Smith

Time card

Devices Lincoln MKT

Period 1 week

Show

Export PDF

Name	DRID	From	Duration	To	Speed (avg max) mph	Distance (miles)
Lincoln MKT	F4M4780007	2019-04-02 16:05:33 999 Ridge Court Illinois 60007	00:11:23	2019-04-02 16:16:56 East Higgins Road Illinois 60173		0
Lincoln MKT	F4M4780007	2019-04-02 15:51:38 999 Ridge Court Illinois 60007	00:10:04	2019-04-02 16:01:42 999 Ridge Court Illinois 60007		6.9
Lincoln MKT	F4M4780006	2019-04-02 00:55:59 O'Hare Arrivals Chicago Illinois 60666	02:21:14	2019-04-02 03:17:13 Illinois 60007-3391		45
Lincoln MKT	F4M4780007	2019-04-02 00:18:42 10241 Lunt Avenue Illinois 60018	00:09:02	2019-04-02 00:27:44 O'Hare Arrivals Chicago Illinois 60666		0
Lincoln MKT	F4M4780007	2019-04-01 23:41:32 7000 Mannheim Road Illinois 60018	00:06:15	2019-04-01 23:47:47 10240 Lunt Avenue Illinois 60018		0
Lincoln MKT	F4M4780006	2019-04-01 21:10:09 5460 Park Place Illinois 60018	02:32:51	2019-04-01 23:23:00 Mannheim Road Illinois 60018		21.1
Lincoln MKT	F4M4780007	2019-04-01 20:58:42 5460 Park Place Illinois 60018	00:11:18	2019-04-01 21:10:00 5460 Park Place Illinois 60018		18.1
Lincoln MKT	F4M4780007	2019-04-01 19:55:56 4732-4748 North Cumberland Avenue Illinois 60631	00:08:58	2019-04-01 20:04:54 5460 Park Place Illinois 60018		2.8
Lincoln MKT	F4M4780006	2019-04-01 19:51:33 5050 North Cumberland Avenue Illinois 60631	00:03:24	2019-04-01 19:54:57 4732-4748 North Cumberland Avenue Illinois 60631		0
		2019-04-01 19:37:56		2019-04-01 19:49:06		

Metrics: Miles

Time format: 12h

Timezone: America/Chicago

Time card

Devices: Lincoln MKT

Export PDF

Event Type	Location	GPS	Speed mph	Time
TripCompleted	999 Ridge Court Illinois 60007	42.005299, -87.988701	0.0	2019-04-02 16:01:42
IgnitionOff	999 Ridge Court Illinois 60007	42.005299, -87.988701	0.0	2019-04-02 16:01:42
LiveTrack	999 Ridge Court Illinois 60007	42.005299, -87.988701	0.0	2019-04-02 16:01:29
LiveTrack	999 Ridge Court Illinois 60007	42.005299, -87.988701	0.0	2019-04-02 16:01:12
LiveTrack	999 Ridge Court Illinois 60007	42.005299, -87.988701	0.0	2019-04-02 16:00:55
LiveTrack	999 Ridge Court Illinois 60007	42.005299, -87.988701	0.0	2019-04-02 16:00:38
LiveTrack	999 Ridge Court Illinois 60007	42.005299, -87.988701	0.0	2019-04-02 16:00:21
LiveTrack	999 Ridge Court Illinois 60007	42.005299, -87.988701	0.0	2019-04-02 16:00:04
LiveTrack	999 Ridge Court Illinois 60007	42.005322, -87.988701	1.2	2019-04-02 15:59:47
LiveTrack	999 Ridge Court Illinois 60007	42.005348, -87.988669	6.8	2019-04-02 15:59:30
LiveTrack	847 Ridge Avenue Illinois 60007	42.005050, -87.989662	5.6	2019-04-02 15:59:13
LiveTrack	821 Ridge Avenue Illinois 60007	42.005920, -87.989639	21.1	2019-04-02 15:58:56
LiveTrack	286 East Elk Grove Boulevard Illinois 60007	42.006401, -87.990669	29.8	2019-04-02 15:58:39
LiveTrack	Rev Morrison Boulevard Illinois 60007	42.006802, -87.992271	5.6	2019-04-02 15:58:22
LiveTrack	129 Rev Morrison Boulevard Illinois 60007	42.005821, -87.994499	34.8	2019-04-02 15:58:05
LiveTrack	John F Kennedy Boulevard Illinois 60007	42.004711, -87.997131	18.0	2019-04-02 15:57:48
LiveTrack	Jf Kennedy Boulevard Illinois 60007	42.003948, -87.998878	32.9	2019-04-02 15:57:31
LiveTrack	1 John F Kennedy Boulevard Illinois 60007	42.003609, -88.001663	30.4	2019-04-02 15:57:14
LiveTrack	1 Biesterfield Road Illinois 60007	42.003529, -88.004044	0.0	2019-04-02 15:56:57
LiveTrack	1 Biesterfield Road Illinois 60007	42.003529, -88.004044	0.0	2019-04-02 15:56:40
LiveTrack	1 Biesterfield Road Illinois 60007	42.003529, -88.004044	0.0	2019-04-02 15:56:23
LiveTrack	1 Biesterfield Road Illinois 60007	42.003529, -88.004044	0.0	2019-04-02 15:56:06

Summary: Avg max) mph Distance (miles) 211

4.11 Trip Report

- Open **Reports** menu.
- Select Trip Report feature.
- Enhanced "Trip" report with start/end time and location of the trip, duration, average/max speed, stops and idle duration. Access to detailed trip points as well as option to replay the trip on the map.

Trip reports

Devices: **Panamera** From: **2019-11-07** To: **2019-11-08**

[Export](#) [PDF](#) [Schedule](#) [Show](#)

#	Name	Start Time	Start Location	End Time	End Location	Trip Duration	Speed (avg max)	Stops	Idle Duration	Distance (miles)	
1	Panamera	2019-11-07 18:16:33	979 Lunt Avenue Illinois 60193	2019-11-07 23:20:13	1500 Crowfoot Circle South Illinois 60169	05:03:40	21 / 40	0	0	3.685	Map Points
2	Panamera	2019-11-07 17:23:54	1426 Crowfoot Circle South Illinois 60169	2019-11-07 17:56:20	Regency Drive Illinois 60193	00:32:26	21 / 46	3	00:20:13	5.277	Map Points
3	Panamera	2019-11-07 04:42:36	1498 Crowfoot Circle South Illinois 60169	2019-11-07 17:23:54	1503 Crowfoot Circle South Illinois 60169	12:41:37	3 / 8	0	0	0.028	Map Points
4	Panamera	2019-11-07 04:19:30	East Higgins Road Illinois 60007	2019-11-07 06:30:42	535 West Higgins Road Illinois 60169	00:12:08	34 / 35	0	0	6.570	Map Points
5	Panamera	2019-11-07 04:30:59	535 West Higgins Road Illinois 60169	2019-11-07 04:36:11	1498 Crowfoot Circle South Illinois 60169	00:05:12	20 / 33	0	0	1.821	Map Points
6	Panamera	2019-11-07 01:48:18	Schaumburg Road Illinois 6007	2019-11-07 01:56:10	East Higgins Road Illinois 60007	00:07:52	29 / 60	0	0	4.317	Map Points
7	Panamera	2019-11-07 01:40:10	1180 South Roselle Road Illinois 60193	2019-11-07 01:47:11	Schaumburg Road Illinois 6007	00:07:01	35 / 34	0	0	4.068	Map Points
8	Panamera	2019-11-07 01:36:27	Regency Drive Illinois 60193	2019-11-07 01:40:09	1 East Wise Road Illinois 60193	00:03:42	20 / 44	0	0	1.542	Map Points
9	Panamera	2019-11-07 00:05:30	1369 Mercury Drive Illinois 60193	2019-11-07 00:13:18	Regency Drive Illinois 60193	00:07:48	11 / 39	0	0	1.611	Map Points
Period total						19:01:21	22 / 40	3	00:20:13	28.919	

- Preview of selected trip - locations and events.
- Shows speed, heading, time and event type per event.

Trip Report

Start Time: **2019-04-02 03:36:03** Trip Duration: **22m 45s** Stops: **0**
 End Time: **2019-04-02 03:59:19** Distance: **7.150 miles** Idle Duration: **0s**

[Show events only](#)

- 2019-04-02 03:36:32 N, 0.0 mph, IgnitionOn
- 2019-04-02 03:36:34 N, 0.0 mph, LocationChanged
- 2019-04-02 03:37:04 N, 10.6 mph, LocationChanged
- 2019-04-02 03:37:34 W, 15.5 mph, LocationChanged
- 2019-04-02 03:38:04 W, 0.0 mph, LocationChanged
- 2019-04-02 03:38:34 W, 13.7 mph, LocationChanged
- 2019-04-02 03:39:04 W, 36.0 mph, LocationChanged
- 2019-04-02 03:39:34 W, 16.8 mph, LocationChanged
- 2019-04-02 03:40:04 W, 0.0 mph, LocationChanged
- 2019-04-02 03:40:59 W, 6.8 mph, LocationChanged
- 2019-04-02 03:41:29 S, 33.6 mph, LocationChanged

Map **Satellite**

START Woodfield Mall

END Schaumburg

IgnitionOff 2019-04-02 03:59:19 0.0 mph

Map data ©2019 Google Terms of Use Report a map error

Metrics: **Miles** Time format: **12h** Timezone: **America/Chicago**

4.12 Score card

- Open [Settings](#) menu.
- Select Score card feature.
- Score card report shows grade per event as well as overall grade for each device/driver.
- Grade values can be set by manager from Grades Setup option.

Events
Media Manager
Maps
Reports
Settings
Admin
John Smith

Score card

Schedule

Choose a time period:

From
06/01/2020

To
08/11/2020

Select Device OR Driver:

Devices
Select All

Drivers
Nothing selected

Grades Setup

Show

Export
PDF

	Accelerate	Brake	Turn	Speed	Shock	Idle	Overall
8436	A	A	A	E	B	C	B
8967	A	A	A	E	A	B	B
9850	E	A	A	A	A	E	B

Metrics: Miles
Time format: 12h
Timezone: GMT -05:00

Grades Setup

Grade values for 10-day period

	A	B	C	D	E
Accelerate	1	3	5	7	7+
Brake	1	3	5	7	7+
Turn	1	3	5	7	7+
Speed	1	3	5	7	7+
Shock	1	3	5	7	7+
Idle	1	3	5	7	7+

Save

4.13 Driver Report

- Open **Reports** menu.
- Select Driver Report feature.
- User can view either Summary or Detailed report.
- For a Summary report: specify the driver/s name, and time period.

Driver report

Summary Detailed

Drivers: 3 items selected From: 2019-03-05 To: 2019-04-10

Export PDF

Driver name	Accelerate	Brake	Turn	Shock	Pedal Bottom	Speed	Active time	Idle time	Distance
Lincoln MKT	0	0	0	0	0	0	0	0	0.0
Lincoln MKT	0	0	0	0	0	0	0	0	0.0
Lincoln MKT	0	0	0	43	0	24.0	188.90.00	38.43.34	3.283.3

- For a Detailed report: specify the driver name, event/telematics status, time period.
- Export the spreadsheet either in Excel/PDF format.

Driver report

Summary Detailed

Drivers: Lincoln MKT Events: Speeding From: 2019-01-07 To: 2019-04-12

Export PDF

Device name	Driver name	Event Type	Latitude	Longitude	Speed (mph)	Event Time
Lincoln MKT	Lincoln MKT	Speed	41.72942	-87.906706	55.2	2019-04-12 23:48:07
Lincoln MKT	Lincoln MKT	Speed	41.996031	-87.885788	47.2	2019-04-11 18:40:26
Lincoln MKT	Lincoln MKT	Speed	42.023228	-88.078830	51.0	2019-04-11 15:53:54
Lincoln MKT	Lincoln MKT	Speed	42.029121	-87.994352	62.8	2019-04-11 14:15:45

4.14 User Activity

- Open **Reports** menu.
- Select User Activity feature.
- Shows user activity for specific time range separated by days.

User Activity

User: All users Type: 4 items selected From: 05/12/2021 To: 08/20/2021

Export PDF

Name	Time	Action	Info
08/20/2021			
Ilan Limo	08/20/2021 03:58:06 AM	Login	
08/19/2021			
Ilan Limo	08/19/2021 06:58:26 PM	Login	
08/18/2021	/3 entries/		+
08/16/2021	/5 entries/		+
08/13/2021			
Ilan Limo	08/13/2021 05:28:01 PM	Login	
08/12/2021			
Ilan Limo	08/12/2021 08:58:10 PM	Login	
Ilan Limo	08/12/2021 01:48:07 PM	Login	

Metrics: Miles Time format: 12h Timezone: America/Chicago

4.15 No Driver Assigned

- Open **Reports** menu.
- Select No Driver Assigned feature.
- Reports on devices with no driver assigned.

No Driver Assigned

Export PDF

Total: 7 | Assigned: 5 | Unassigned: 2 | Ratio: 28.57 %

#	Client	Device name	DRID	Model	Last contact
1	ABC Trucking	8967		CP2-3G	11/18/2020 05:57:26 PM
2	ABC Trucking	Panamera		CP2-3G	10/30/2020 11:33:28 AM

Metrics: Miles | Time format: 12h | Timezone: America/Chicago

4.16 Stops

- Open **Reports** menu.
- Select Stops feature.
- Added "Stops" report- Allows to report on number, duration and location for stops/idle time.
- Advanced filtering on Stops per defined duration.

Stops report

Devices: Select All | From: 2019-07-15 | To: 2019-07-17 | Over: 0 min

Export PDF

Name	Duration	Location	Latitude	Longitude	Event time
8436 KSYS11700320					
8436 KSYS11700320	2m 06s	300 East Ohio Street Chicago Illinois 60611	41.892601	-87.619957	2019-07-16 16:40:12
8436 KSYS11700320	2m 30s	5767 North Rogers Avenue Chicago Illinois 60646	41.985600	-87.739777	2019-07-16 13:30:45
8436 KSYS11700320	4m 13s	5655 South Kilpatrick Avenue Chicago Illinois 60629	41.792419	-87.739983	2019-07-15 23:24:41
8436 KSYS11700320	3m 41s	South Archer Avenue Chicago Illinois 60638	41.798790	-87.743271	2019-07-15 23:08:05
8436 KSYS11700320	8m 38s	641 North Clark Street Chicago Illinois 60654	41.893490	-87.630753	2019-07-15 20:25:15
8436 KSYS11700320	4m 29s	10248 Lunt Avenue Illinois 60018	42.006470	-87.885941	2019-07-15 19:26:16
8436 KSYS11700320	4m 25s	1590 Lee Street Des Plaines Illinois 60016	42.024158	-87.895027	2019-07-15 19:12:56
8436 KSYS11700320	5m 25s	1169 Richmond Avenue Illinois 60526	41.821270	-87.884377	2019-07-15 18:04:03
8436 KSYS11700320	5m 43s	6007 South La Grange Road Countryside Illinois 60525	41.780910	-87.867401	2019-07-15 17:27:58
8436 KSYS11700320	7m 43s	Greco Avenue Des Plaines Illinois 60018	42.004131	-87.884071	2019-07-15 16:39:40
8436 KSYS11700320	2m 47s	Greco Avenue Des Plaines Illinois 60018	42.003658	-87.883926	2019-07-15 16:34:19
8436 KSYS11700320	3m 24s	6307 North Caldwell Avenue Chicago Illinois 60646	41.996078	-87.764030	2019-07-15 15:27:33

4.17 State Mileage

- Open **Reports** menu.
- Select State Mileage feature.
- Added "State mileage" report- Shows distance driven per state, shows state enter and exit time.

#	Name	State	Entry time	Exit time	Distance (miles)
1	9850 F4MC21800008	Illinois	2019-07-16 03:46:14	-	349
2	8436 KVS17700320	Illinois	2019-07-15 00:14:46	-	418
3	8967 F4MC21800002	Illinois	2019-07-14 00:22:46	-	390
4	9850 F4MC21800001	Illinois	2019-05-29 02:10:30	-	73
5	9850 TIMCK1800027	Illinois	2019-05-19 22:46:32	-	448
6	Lincoln MKT F4MA17800899	Illinois	2019-05-12 19:48:14	-	8070
7	John Smith T1MA1800336	Illinois	2019-05-08 17:10:49	-	752

- Advanced option to filter per state or device

#	Name	State	Entry time	Exit time	Distance (miles)
1	Versa T1MCK1800027	Illinois	2019-05-19 22:46:32	-	4
2	9850 F4MC21800008	Wisconsin	2019-05-18 20:37:00	2019-05-18 22:07:19	45
3	9850 F4MC21800008	Indiana	2019-05-17 18:23:20	2019-05-17 21:04:12	46
4	Lincoln MKT F4MA17800899	Illinois	2019-05-12 19:48:14	-	1175
5	8436 KVS17700320	Michigan	2019-05-09 23:06:35	2019-05-10 03:03:02	221
6	8436 KVS17700320	Indiana	2019-05-09 22:21:39	2019-05-10 03:38:32	57
7	John Smith T1MA1800336	Illinois	2019-05-08 17:10:49	-	399
8	8967 F4MC21800002	Illinois	2019-05-08 02:09:59	-	1294
9	8436 KVS17700320	Illinois	2019-05-08 16:32:00	2019-05-09 22:21:39	1351
10	9850 F4MC21800008	Illinois	2019-05-08 02:10:52	2019-05-18 20:37:00	1657

#	Name	State	Entry time	Exit time	Distance (miles)
1	9850	Wisconsin	2019-05-18 20:37:00	2019-05-18 22:07:19	45
2	8436	Michigan	2019-05-09 23:06:35	2019-05-10 03:03:02	221
3	8436,9850	Indiana	2019-05-09 22:21:39	2019-05-17 21:04:12	103
4	8436,8967,9850,John Smith,Lincoln MKT,Versa	Illinois	2019-05-08 02:09:59	2019-05-18 20:37:00	5880

4.18 Posted Speed

- Open **Reports** menu.
- Select **Posted Speed** feature.
- Reports on speed limit event by vehicle/s and time period.
- Option to filter events by "overtime" speed by selecting min over speed.
- Option to view speed limit offence location – click on any event to get map location

Events
Media Manager
Maps
Reports
Settings
Admin
John Smith

Posted Speed report

Devices: Select All
From: 2019-07-02
To: 2019-07-17
Overtime: 25 mph
Show

Export
PDF

Name	Speed	Speed Limit	Over Speed	Duration	Event time	Location	Address
8436 KSYS11700320							
8436 KSYS11700320	73	40	+33	3m 21s	2019-07-15 17:04:37	41.906891, -87.919899	398 North Avenue Illinois 60164
8436 KSYS11700320	75	35	+40	30s	2019-07-14 22:53:29	42.675850, -87.952782	I 41; US 41 Wisconsin 53108
8436 KSYS11700320	55	30	+25	32s	2019-07-14 00:19:47	41.990391, -87.885750	Bessie Coleman Drive Chicago Illinois 60666
8436 KSYS11700320	81	55	+25	15m 10s	2019-07-12 05:09:16	41.665470, -88.105270	11800 I 55 Illinois 60446
8967 F4MC21800002							
8967 F4MC21800002	58	30	+28	6m 17s	2019-07-15 16:15:22	41.825970, -87.631111	Dan Ryan Expressway Chicago Illinois 60616
9850 F4MC21800006							
9850 F4MC21800006	55	30	+25	43s	2019-07-17 06:40:12	41.894791, -87.657066	Kennedy Expressway Chicago Illinois 60642
9850 F4MC21800006	56	30	+26	40s	2019-07-16 17:54:49	41.757549, -87.914261	I 55 Illinois 60527
9850 F4MC21800006	76	35	+41	44s	2019-07-16 02:42:42	42.673222, -87.952744	I 41; US 41 Wisconsin 53108

Metrics: Kilometers
Time format: ISO
Timezone: America/Chicago

4.19 OBD History

- Report for OBD data for supported devices (Queclink).

Events
Media Manager
Maps
Reports
Settings
Admin
John Smith

OBD History

Devices: Infinity-MAP
From: 03/25/2021
To: 03/25/2021
Show

Export
PDF

Name	Event Time	MIL status	Number of DTC	DTC Cleared Distance	MIL Activated Distance	Power Voltage	Engine RPM	Engine Temperature	Engine Load	Fuel Level Input	Fuel Consumption	Throttle Position	Diagnostic Trouble Codes
Infinity MAP	03/25/2021 08:23:24 PM	0	0	-	0	12059	0	32	0	0	0	0	-
Infinity MAP	03/25/2021 08:22:54 PM	0	0	-	0	12064	0	32	0	0	0	0	-
Infinity MAP	03/25/2021 08:22:24 PM	0	0	-	0	12072	0	32	0	0	0	0	-
Infinity MAP	03/25/2021 08:21:54 PM	0	0	-	0	12081	0	32	0	0	0	0	-
Infinity MAP	03/25/2021 08:21:24 PM	0	0	-	0	12062	0	32	0	0	0	0	-
Infinity MAP	03/25/2021 08:20:54 PM	0	0	-	0	12051	0	32	0	0	0	0	-

Metrics: Miles
Time format: 12h
Timezone: America/Chicago



5. SETTINGS

- User can manage the fleet's settings as follows.

5.1 Devices

- Open **Settings** menu.
- Select **Devices** feature.
- User can edit each device separately or multiple devices at once.
- User can view charts per device, and adjust its maintenance.

Events
Media Manager
Maps
Reports
Settings

Admin John Smith

Devices

25
Total

9
Active

16
Deactivated

Brand Select All
Filter
More details Export Multi edit

Active

#	Name	DRID	Model	Status	Alarm In	
1	B436	KP1S	Installed	Activated		Position Graphs Edit PM Alarm In
3	9850	CP2-3G	Installed	DriverDoor,StopArm	Activated	Position Graphs Edit PM Alarm In
4	BMW-X5	CP2-3G	Installed	DriverDoor,StopArm	Activated	Position Graphs Edit PM Alarm In
8	PLD LAB	KP1S	Installed	Activated		Position Graphs Edit PM Alarm In
9	Tucson 2011	KP1S	Assigned	Activated		Position Graphs Edit PM Alarm In

Deactivated

#	Name	DRID	Model	Status	Alarm In	
10		KP1S	Archived	Deactivated		Position Graphs Edit PM Alarm In
11		KP1S	Archived	Deactivated		Position Graphs Edit PM Alarm In

Metrics: Miles
Time format: 12h
Timezone: America/Chicago

- Position button shows current vehicle location on the Map.
- The user can view graphical charts as follows:
- Click on Graphs button.

Position
Graphs
Edit
PM
Alarm In

The following window will open up, the user has to specify the desired date to view vehicle's telematics charts accordingly



User can modify device information as follows:

- Click on Edit Device button.
- The following window will open up, the user can add/modify the device information accordingly.
- Added option under device properties to format device local storage on demand.

User can adjust PM maintenance settings as follows:

- Click on Device PM button.
- The following window will pop out.
- Option to subscribe for video on AlarmIn event per channel.

Device PM

Lincoln MKT (14MM71000099)

PM Types

PM name Add

- Coolant (Antifreeze)
- Fuel filter
- Tires
- Engine Oil
- Oil Change
- Test
- Test2
- kigixhikj
- Testst
- Test1

Mileage

Service date

Date

AlarmIn custom names

Lincoln MKT (14MM71000099) / Fleet: Jivko Fleet

Ch 1	DriverDoor	<input type="checkbox"/>	Ch 2	StopArm	<input type="checkbox"/>	Ch 3	AlarmIn Name	<input type="checkbox"/>
Ch 4	AlarmIn Name	<input type="checkbox"/>	Ch 5	AlarmIn Name	<input type="checkbox"/>	Ch 6	AlarmIn Name	<input type="checkbox"/>
Ch 7	AlarmIn Name	<input type="checkbox"/>	Ch 8	AlarmIn Name	<input type="checkbox"/>			

Empty field(s) to remove alias.

Model Fleet Status Alarm In

5.2 Fleets

- Open **Settings** menu.
- Select Fleets feature.
- A summary of all the created fleets will be listed.
- User can add a new fleet by clicking on New Fleet button, or edit an existed one.

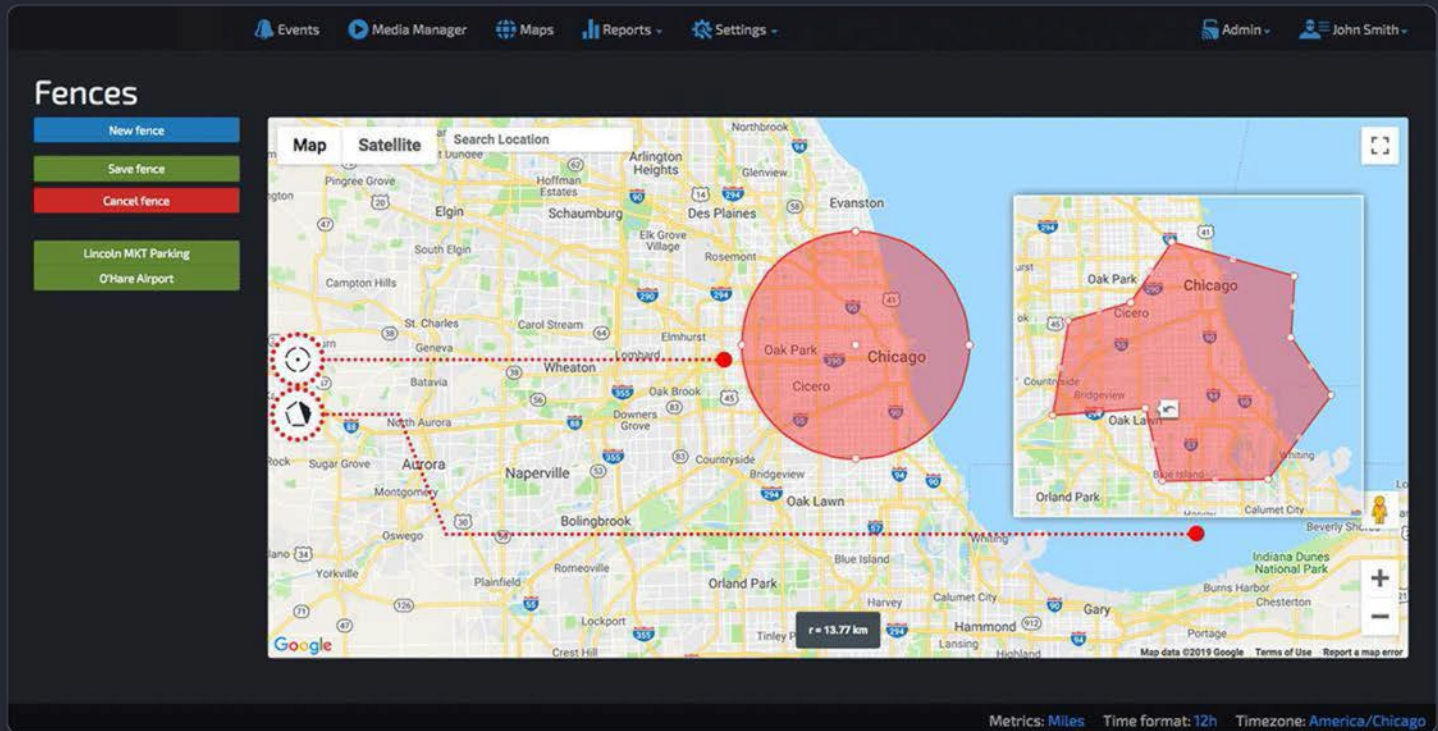
Fleets

#	Name	Devices	Users	Created on	
1	Alpha'	0	2	12/12/2016 01:43:26 PM	<input type="button" value="Edit"/>
2	Beta	3	3	12/12/2016 01:55:53 PM	<input type="button" value="Edit"/>
3	Gamma	0	3	05/18/2017 02:00:16 PM	<input type="button" value="Edit"/>
4	Robert	0	1	05/26/2017 09:18:33 AM	<input type="button" value="Edit"/>
5	Test1	0	1	02/09/2018 03:05:21 PM	<input type="button" value="Edit"/>
6	test2	0	1	02/26/2018 02:39:49 PM	<input type="button" value="Edit"/>
7	test3	0	1	02/27/2018 07:56:27 AM	<input type="button" value="Edit"/>
8	Lyani Inc.	4	4	06/16/2018 11:36:14 AM	<input type="button" value="Edit"/>
9	Delta	1	1	07/10/2018 04:27:51 PM	<input type="button" value="Edit"/>
10	Epsilon	0	2	09/28/2018 12:34:02 PM	<input type="button" value="Edit"/>
11	Zeta	0	2	11/08/2019 09:04:35 PM	<input type="button" value="Edit"/>
12	Theta	1	2	11/21/2019 03:22:01 PM	<input type="button" value="Edit"/>

Metrics: Miles Time format: 12h Timezone: America/Chicago

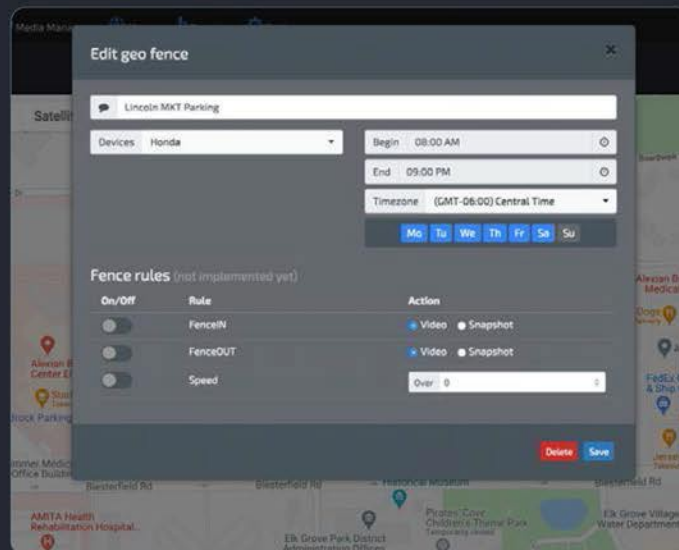
5.3 GEO Fencing

- Open **Settings** menu.
- Select GEO Fencing feature.
- A list of all the created GEO fences will be listed on the left side of the screen.
- The manager can change the look of the map, as well as search for locations.



User can create a new GEO fencing, and receive alerts accordingly.

- Click on New Fence button.
- An adjustable arrow icon can be used to specify the GEO fencing location.
- Click on Save button.
- Specify the fence name, select desired devices, adjust date & time stamp with required days.



5.4 Drivers

- Open **Settings** menu.
- Select Drivers feature.
- A summary of all the registered drivers and the corresponding vehicle/s will be listed.

- User can edit an existed driver or add new one.

Create new driver

First name

Last name

Device name

--Unassigned--

Date of Birth

Date of Birth

Male

Phone

Phone number

Additional information:

City

City

Insurance

Insurance

Mediacal validity

Mediacal validity

Contact 4

Contact 4

Contact 5

Contact 5

Save

Drivers

Drivers		FaceID 3	
#	Image	First name	Last name
1		John	Smith
2		Oliver	Doe
3		William	Carson
4		James	Brown

- From **FaceID** tab the user may find new unrecognized drivers' photos with their corresponding devices. After that they may be assigned to an existing or a new driver, or dismissed if not needed. Notifications show how many new unidentified drivers there are.

Events

Media Manager

Maps

Reports

Settings 3

Admin John Smith

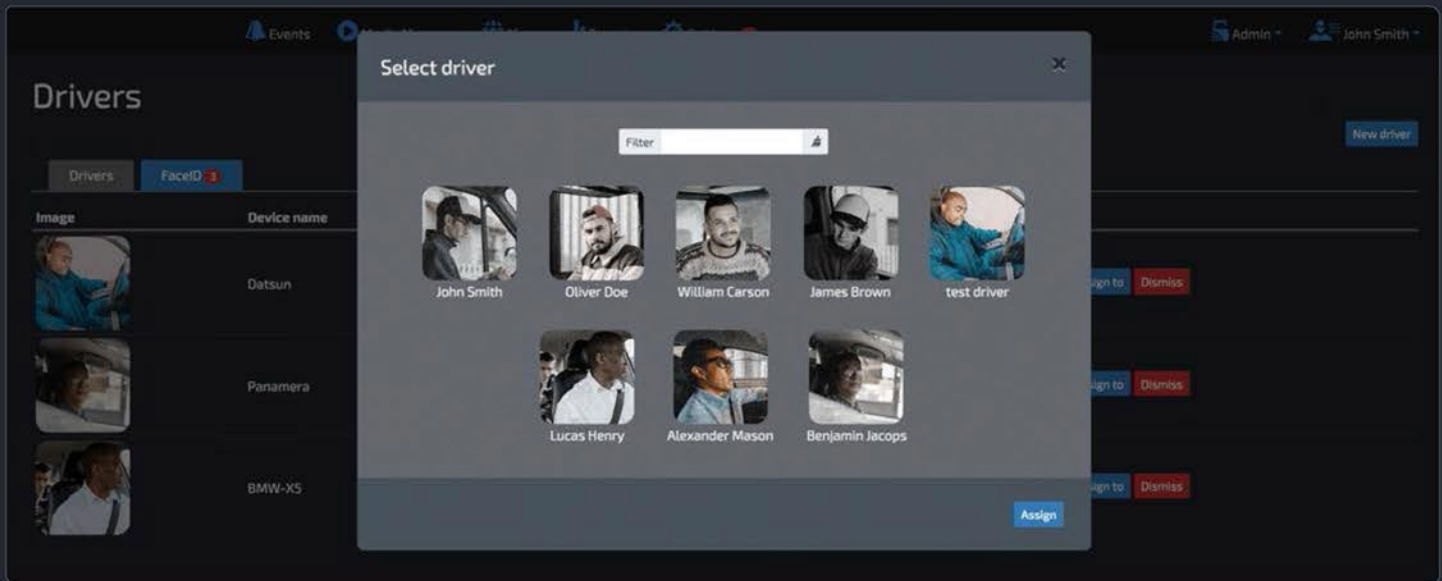
Drivers

FaceID 3

New driver

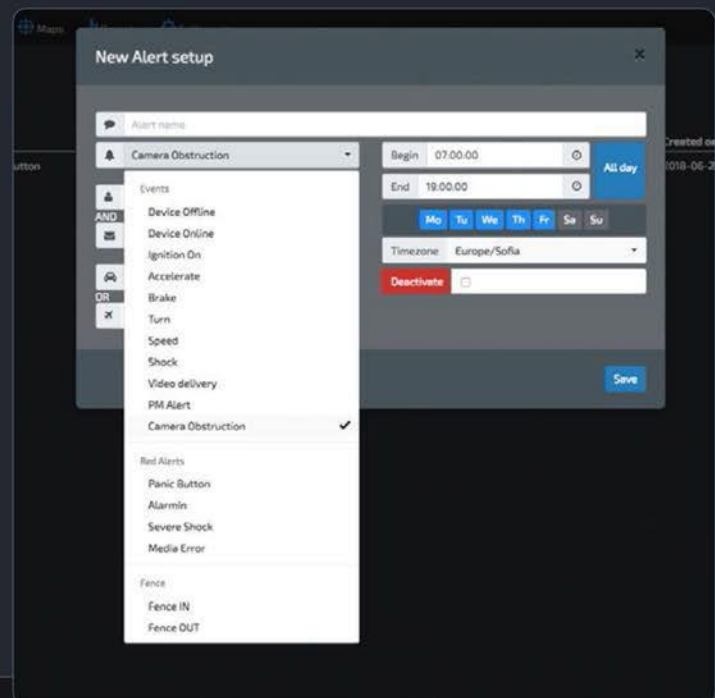
Image	Device name	DRID	Date	
	Datsun	F4MC21800002	06/14/2021 09:15:14 AM	<div>New driver</div> <div>Assign to</div> <div>Dismiss</div>
	Panamera	F4MC21800002	06/25/2021 03:11:12 PM	<div>New driver</div> <div>Assign to</div> <div>Dismiss</div>
	BMW-X5	F4MC21800002	06/28/2021 07:50:10 AM	<div>New driver</div> <div>Assign to</div> <div>Dismiss</div>

- Upon clicking on **Assign to** new modal window shows up with all of the already created drivers. The selected photo will be automatically added to the driver's personal gallery from which they may choose their profile picture. By clicking on New driver button the same "Create new driver" modal shows up with the picture already filled.



5.5 Alerts

- Open **Settings** menu.
 - Select Alerts feature.
 - User can edit an existed alert or add new one.
-
- User will receive a notifications only for the selected alerts from the dropdown menu.



Alerts						
Name	Events	Users	Devices	Fleets	Created on	Status
1 Dev	Accelerate, Brake, Turn, Speed, Shock, ManualBackup, PMAlert, PanicButton, Alarmin, SevereShock, MediaError	JOHN SMITH	DAVE, BOB, LINCOLN		2017-08-18 17:53:26	ACTIVE Edit
2 Lyani-Inc	DeviceOffline, DeviceOnline	A. PASCONE	DAVE		2019-02-02 04:43:00	ACTIVE Edit
3 Impacts	Accelerate, Shock		DAVE		2019-05-17 19:26:00	ACTIVE Edit
4 AD-Alerts	Accelerate, Brake, Turn, Speed, Shock, ManualBackup, PMAlert, PanicButton, Alarmin, SevereShock, MediaError	JOHN SMITH	DAVE, BOB, LINCOLN		2017-03-06 20:59:26	INACTIVE Edit
5 Lincoln	Speed, Shock, PMAlert, PanicButton, Alarmin, SevereShock, MediaError, Fencein, FenceOut	JOHN SMITH	LINCOLN		2019-01-18 20:18:47	INACTIVE Edit

5.6 Scheduled Reports

- Open **Settings** menu.
- Select Scheduled Reports feature.
- Users can create saved reports, which will be executed on a given time basis (daily, weekly, monthly) and results will be sent on selected e-mail(s).

Name	Report	Type	Day	Timezone	Run at	Users	Created on	Status
1 Daily Events	Detailed Events	Weekly	Thursday	Europe/Sofia	07:59 AM	John Smith	11/21/2019 01:57:12 AM	ACTIVE
2 State mileage	State Mileage	Weekly	Friday	America/Chicago	12:10 AM	John Smith	05/14/2019 03:05:00 AM	ACTIVE
3 trips test	Trip Report	Daily	-	America/Chicago	10:00 PM	John Smith	07/29/2020 08:09:23 AM	ACTIVE
4 Daily news	Detailed Events	Daily	-	Europe/Sofia	11:59 PM		11/03/2020 05:33:09 AM	INACTIVE
5 det 1	Detailed	Monthly	5	UTC	12:10 AM	John Smith	03/21/2019 07:41:30 AM	INACTIVE
6 geo	GEO Fence	Daily	-	America/Chicago	12:10 AM	John Smith	05/23/2019 02:09:32 AM	INACTIVE
7 Inactiv	Inactivity Report	Weekly	Saturday	America/Chicago	12:10 AM	John Smith	03/21/2019 05:40:53 AM	INACTIVE
8 PM test	Overdue Maintenance	Monthly	31	UTC	12:10 AM	John Smith	05/30/2019 12:57:38 AM	INACTIVE
9 stops	Stops	Daily	-	America/Chicago	12:10 AM	John Smith	05/03/2019 09:00:33 AM	INACTIVE
10 sum	Summary	Monthly	5	America/Chicago	12:10 AM	John Smith	04/02/2019 03:24:55 AM	INACTIVE
11 time card tw	Time Card	Weekly	Wednesday	America/Chicago	12:10 AM	John Smith	03/21/2019 02:46:10 AM	INACTIVE
12 ua	User Activity	Weekly	Tuesday	America/Chicago	12:10 AM	John Smith	03/21/2019 05:34:15 AM	INACTIVE

Metrics: Miles Time format: 12h Timezone: America/Chicago

- Customized report name.
- Report type – Choose the Report type.
- Report schedule – Receive daily, weekly or monthly.
- Report settings – Choose vehicles and users to receive the report.

Scheduled Reports

Report name:

Report schedule: ☒ Daily ☐ Weekly ☐ Monthly

Report type:

Report settings:
 Devices:
 Events:
☐ Show devices without selected events

Send to:
 User:
 AND/OR

☒ Include report data in mail body

Timezone:

6.1 Users

- Events

Media Manager

Maps

Reports

Settings 1

Admin John Smith

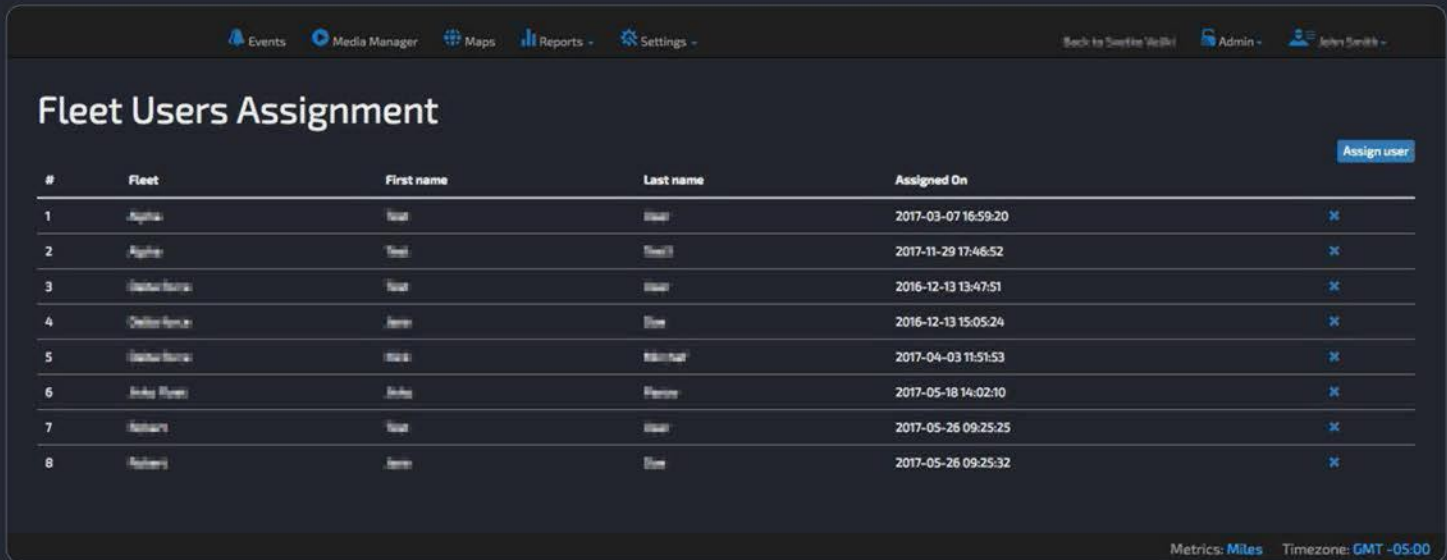
Users

New user

#	First name	Last name	Email	Role	Permissions	Fleet	Status	
1	John	Smith	john.smith@gmail.com	Manager	-	-	ACTIVE	Edit
2	Jane	Doe	jane.doe@gmail.com	User	All Devices Ch5 Ch7 Ch8 Events Maps Media PM Tracking	-	ACTIVE	Edit
3	Benjamin	Benjamin	benjamin.benjamin@gmail.com	Manager	-	-	ACTIVE	Edit
4	Nick	Nick	nick.nick@gmail.com	Manager	-	Delta force	ACTIVE	Edit
5	John	John	john.john@gmail.com	User	Ch1-8 Events ReqLivestream Maps Media PM ReqSnapshot ReqVideo Tracking	Fleet	ACTIVE	Edit
6	Test	Test1	test1@test.com	User	Ch1-8 Events ReqLivestream Maps Media ReqSnapshot ReqVideo Tracking	Alpha	ACTIVE	Edit
7	SW	Test	sw.test@gmail.com	Manager	-	-	ACTIVE	Edit

6.2 Fleet Users

- Open [Admin](#) menu.
- Select Fleet Users feature.
- Manager can assign new user to certain fleet or delete an existed one.

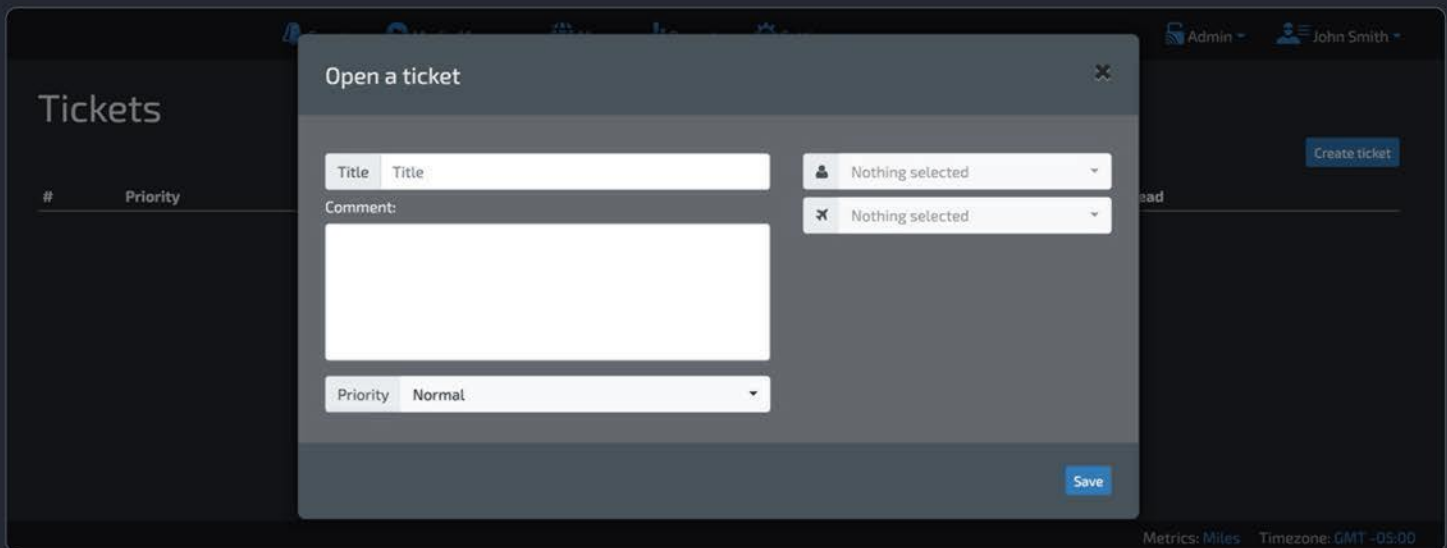


The screenshot shows the 'Fleet Users Assignment' page. At the top, there is a navigation bar with icons for Events, Media Manager, Maps, Reports, and Settings. On the right, there are links for 'Back to Sweetie's WebUI', 'Admin', and a user profile for 'John Smith'. The main heading is 'Fleet Users Assignment', and there is an 'Assign user' button on the right. Below the heading is a table with the following columns: #, Fleet, First name, Last name, and Assigned On. The table contains 8 rows of data. At the bottom right, there are 'Metrics: Miles' and 'Timezone: GMT -05:00'.

#	Fleet	First name	Last name	Assigned On
1	Alpha	Test	Test	2017-03-07 16:59:20
2	Alpha	Test	Test	2017-11-29 17:46:52
3	Alpha Beta	Test	Test	2016-12-13 13:47:51
4	Alpha Beta	Test	Test	2016-12-13 15:05:24
5	Alpha Beta	Test	Test	2017-04-03 11:51:53
6	Alpha Beta	Test	Test	2017-05-18 14:02:10
7	Alpha	Test	Test	2017-05-26 09:25:25
8	Alpha	Test	Test	2017-05-26 09:25:32

6.3 Support Tickets

- Open [Admin](#) menu.
- Select Tickets feature.
- User can view or create a new ticket by clicking on Create Ticket button.



The screenshot shows the 'Tickets' page. On the left, there is a table with columns '#', 'Priority', and 'Ticket'. On the right, there is a 'Create ticket' button. A modal window titled 'Open a ticket' is open in the center. The modal has a 'Title' field, a 'Comment' text area, and a 'Priority' dropdown menu. There are also two dropdown menus for selecting a user and a group. At the bottom right of the modal is a 'Save' button. At the bottom right of the page, there are 'Metrics: Miles' and 'Timezone: GMT -05:00'.

6.4 Global settings

- Open [Admin](#) menu.
- Select Global settings feature.
- From here Manager can change some platform settings that affect all devices and fleets.

Global settings

These settings affect all devices and fleets

Posted Speed Limit

Posted Speed Threshold (mph)

Update

Devices: Custom data fields

Color ✕

Transmission ✕

Policy Holder ✕

Policy Number ✕

Policy Start Date ✕

Policy Exp. Date ✕

Custom 1 ✕

Type name here

Add
Save changes

Drivers: Custom data fields

City ✕

Insurance ✕

Mediacal validity ✕

Contact 4 ✕

Contact 5 ✕

Type name here

Add
Save changes



7. USER SETTINGS

- The user can change his name, e-mail, password, measure units for speed and distance by clicking on his name in the upper right corner and light or dark theme.

Dashboard

Vehicle Status: 10 PARKED, 1 IDLE, 2 MOVING

Map: Satellite view of New York area. A green car icon is visible near New York City.

Metrics:

- SPEEDING: 0
- BRAKE: 0
- SHOCK: 0
- ACCELERATE: 1
- TURN: 4
- PANIC BUTTON: 0
- OUT OF AREA: 0

Vehicles List:

Vehicle Name	Status
Ghost	●
GL300M	●
GV500MA	●
GV500MA	●
GV500MA	●
GV500MA	●
GV500MA	●
GV500MA	●
GV500MA	●
GV500MA	●

Footer: Metrics: Miles Time format: 12h Timezone: America/Chicago

- The current Manager measure units and time zone are displayed in the lower-right corner.

Personal settings

User info

First Name: John

Last Name: Smith

Email: johnsmith@yahoo.com

[Update](#)

User metrics

☒ Imperial units - Miles

☐ Metric units - Kilometers

[Set Metrics](#)

Time format

☐ ISO: year-month-day

☐ 24h: month/day/year

☒ 12h: AM/PM

[Set time format](#)

User theme

☒ Dark theme

☐ Light theme

[Set theme](#)

Footer: Metrics: Miles Time format: 12h Timezone: America/Chicago

- User preference for theme - Dark or Light theme.

Events Media Manager Clients Reports Devices Admin John Smith

Personal settings

User info

First Name John

Last Name Smith

Email [redacted]

Update

User metrics

Imperial units - Miles

Metric units - Kilometers

Set Metrics

Time format

ISO: year-month-day

24h: month/day/year

12h: AM/PM

Set time format

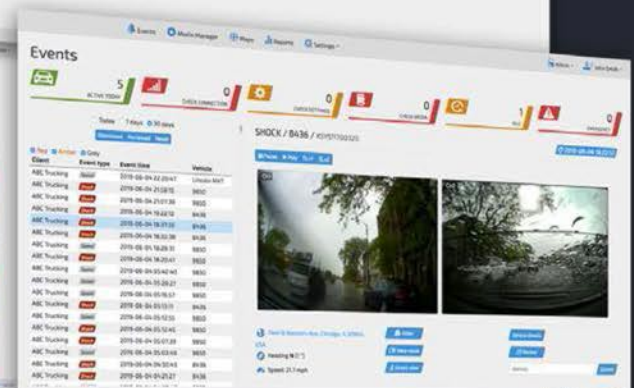
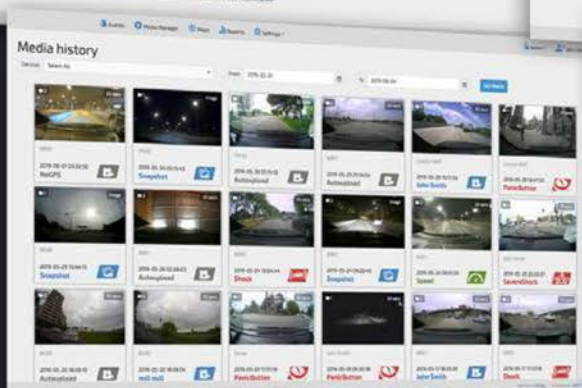
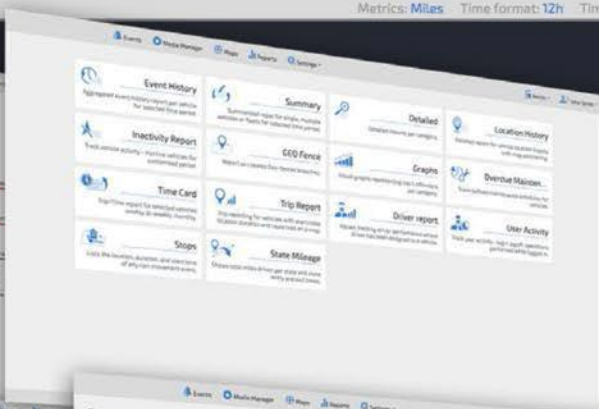
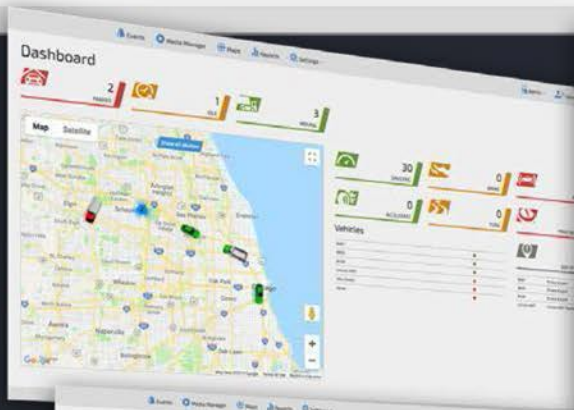
User theme

Dark theme

Light theme

Set theme

Metrics: Miles Time format: 12h Timezone: America/Chicago





VIDEO TELEMATICS PLATFORM

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