



INTRODUCTION TO MIFLEET

Support Information
fleetsales@mifleet.us
fleetsupport@mifleet.us

Robert Richey
rrichey@dcsbusiness.com

Table of Contents

Basics.....	3
Terms	3
Tool tips.....	3
Menu buttons	3
Access Tab (Permissions)	4
User Settings	5
Monitoring	8
Manually registering an event for a Unit.....	9
Tracks	10
Messages (only available with certain plans)	12
Reports.....	14
Default Report Templates.....	15
Creating Reports	16
Example screenshots	17
Geofences / Ride Reports	17
Speeding.....	17
Current Odometer screenshot.....	18
Stops.....	18
General Chronology	18
General Summary	19
Harsh Behavior.....	19
Idle Reports.....	19
Parkings.....	20
Engine hours	20
Geofences	21
Jobs	22
Notifications.....	23
Users	26
Units.....	27
Unit Groups.....	29
Tools (Menu Item).....	29
Track Player.....	30

Distance.....	31
Area.....	31
Address	32
Routing.....	32
Hittest (Tracks).....	34
Nearest Units	34
SMS	34
Applications.....	35
Dashboard.....	35
Additional uses for MiFleet.....	36
Support.....	37

Basics

Terms

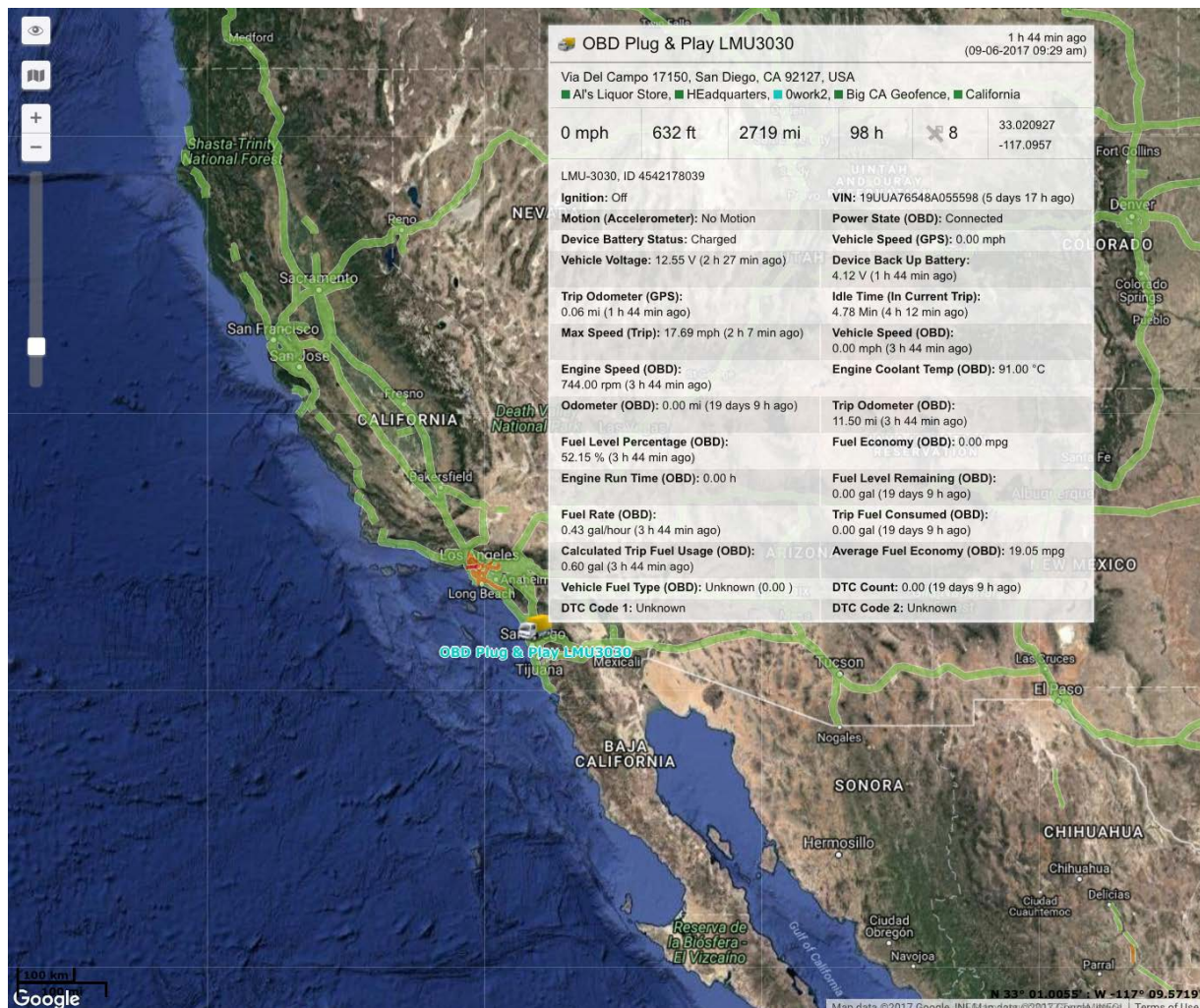
Units – CalAmp Devices

Resource – Objects of account, including account, notifications, reports, jobs.

Tool tips

Many items have tool tips, which give you more information about a specific item, move the mouse to hover the cursor over an object or item.

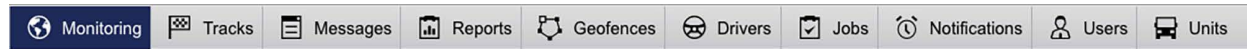
For example, hover over a unit (vehicle) to see general information of the unit, for example, current speed, if the ignition is off, max speed, how many satellites are currently locked on the unit, etc.



Menu buttons

Click on the icon to show or hide the layer from the map (the green dot, lets you know if the layer is shown on the map.)

Click on the word to change to the next tab



Access Tab (Permissions)

The Access tab is available on several types of items, including:

- Units
- Unit Groups
- Users

This tab gives you access to modify a user's rights to a unit or unit group. Default templates (similar to below) will vary depending on the type of item: Unit, Unit Group, or Users.

User Properties – DCSDemoRR

General

Access

Advanced

Logs

Custom Fields

Manage Applications

All

Q Search

Unit groups

DCS Employees

0work1 in

0work1 out

Demo Group2

demogroup3

Extra Units

Group1

Presets of access rights for units

No access

Full access

Read only

Edit Presets

Item ACL

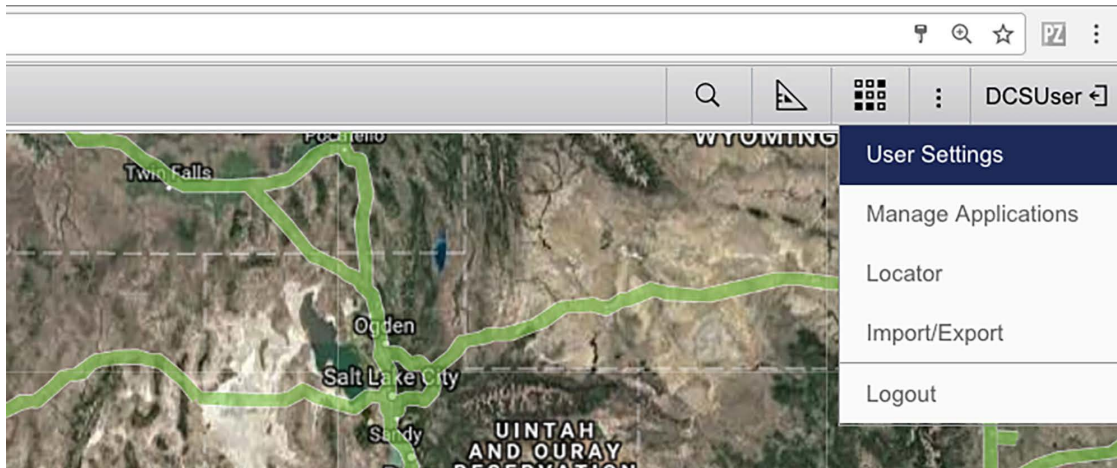
Unit ACL

If different access is needed, you can modify individual rights through the Access Control Lists below

Item ACL	Unit ACL
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> View item and its basic properties	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> View connectivity settings (device type,...
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> View detailed item properties	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Edit connectivity settings
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Manage access to this item	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Create, edit, and delete sensors
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Delete item	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Edit counters
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Rename item	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Delete messages
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> View custom fields	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Execute commands
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Manage custom fields	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Manage events
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> View admin fields	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> View service intervals
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Manage admin fields	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Create, edit, and delete service intervals
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Edit not mentioned properties	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Import messages
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Change icon	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Export messages

User Settings

Click on your username and select User Settings in the upper right hand corner.



Here you can change many options, including:

- Login password
- Time Zone
- Date/Time format
- Display pop-up notifications and sounds
- Change unit viewing options
- Change Map viewing options
- View your current account settings

User Settings ×

General Settings

Maps

Account

Language:

English ▼

Time zone: ?

(-08:00) Pacific Time (U! ▼

Daylight saving time:

United States, Canada: f ▼

Persian calendar:

☐

Date format:

MM-dd-yyyy ▼

Time format:

hh:mm tt ▼

First day of week:

☐ Monday
☒ Sunday

Measurement system:

U.S. ▼

City:

San Diego, CA, USA ▼

E-mail:

Youremail@yourdomain.c
[Change Password](#)

Mobile access:

Play sound for events:

☐

Automatically display popup events:

☐

Cancel

OK

Show additional information about the unit

Last message:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Location:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Presence in geofences:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Speed:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Altitude:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Counters:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Satellites:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Coordinates:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Connectivity settings:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sensor values:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Parameters:	<input type="checkbox"/>	<input type="checkbox"/>
Drivers:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Trailers:	<input type="checkbox"/>	<input type="checkbox"/>
Custom fields:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Profile:	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance state:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Customize how units and features are displayed on a map:

Unit visualization

Replace unit icons with motion state signs:	<input type="checkbox"/>
Display overlapping units in one icon:	<input checked="" type="checkbox"/>
Show unit icons at map borders:	<input type="checkbox"/>
Blur icons of inactive units:	<input checked="" type="checkbox"/>
Points in trace:	10 ▾
Trace color:	<input type="color" value="#0000FF"/>
Trace width:	3 ▾
Multicolor sensors in unit's tooltip:	Disabled ▾

Other items on map

Display names of routes' check points on map:	<input checked="" type="checkbox"/>
Display names of geofences on map:	<input checked="" type="checkbox"/>
Display overlapping geofences in one icon:	<input type="checkbox"/>
Render geofences on server:	<input type="checkbox"/>

Enable or Disable types of maps, and address formats:

General Settings

Maps

Account

User Settings

Map source

☒ Google
 ☒ OpenStreetMap
 ☒ Bing

Geodata source

☒ WebGIS
 ☐ Google

Address format

☒ Street
 ☒ House
 ☒ City
 ☒ Region (State and Zip Code)
 ☒ Country

Cancel

OK

View general account information:

General Settings

Maps

Account

User Settings

General

Statistics

Billing plan: MiFleet LIVE MiElogs&MIDVIR

Balance: \$200.00

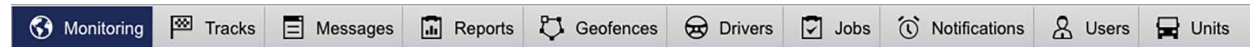
Days left: 2953

Service	In use	Limit	Reset
Wialon Mobile (2)	-	-	-
ActiveX	-	0	-
Admin fields	0	0	-
Advanced reports	-	-	-
Commands	61	-	-
Create resources	-	-	-
Create unit groups	-	-	-

Cancel

OK

Monitoring



Allows you to check on specific vehicles and see their current information.

Including:

Current address, speed, if the device is in motion, and many other aspects, displayed in the screenshot below:

Tooltip - Hovering over a unit on the map or on the left pane will bring up the tooltip for unit info as well.

Select Unit (points to the unit list)

Motion State (points to the motion status icon)

Connection State (points to the connection status icon)

Show Track (points to the track history icon)

Quick Report (points to the report icon)

Send SMS (points to the SMS icon)

Events Registrar (points to the events icon)

Open Additional Menu (points to the menu icon)

Unit ID	Address	Status	Speed	Altitude	Time	Direction	Count	Coordinates
LMU3030-DCS-LC	Ruffin Rd 3558, San Diego, CA 92123, USA	Green	0 mph	588 ft	1 h	9	33.0207615	-117.095111
LMU4230-4994	Ring Rd 2904, Elizabethtown, KY 42701, USA	Red	0 mph	588 ft	1 h	9	33.0207615	-117.095111
LMU4230-9870	Richlands Rd, Kinston, NC 28504, USA	Green	0 mph	588 ft	1 h	9	33.0207615	-117.095111
LMU4230 ELD 2458	Via Del Campo 17150, San Diego, CA 92127, USA	Green	0 mph	588 ft	1 h	9	33.0207615	-117.095111

4 days 23 h ago (09-01-2017 12:43 pm)
Via Del Campo 17150, San Diego, CA 92127, USA
■ AI's Liquor Store, ■ HEadquarters, ■ 0work2, ■ Big CA Geofence, ■ California

Ignition: On	VIN: DafulaiDafulaiDaf (5 days ago)
Motion (Accelerometer): No Motion	Power State (Power Supply): Connected
Vehicle Speed (GPS): 0.00 mph	Trip Odometer (GPS): 0.00 mi (6 days 2 h ago)
Vehicle Voltage: 12.18 V (4 days 23 h ago)	Device Back Up Battery: 0.81 V (4 days 23 h ago)
Idle Time (In Current Trip): 14.07 Min (5 days ago)	Max Speed (Trip): 0.00 mph (6 days 2 h ago)
Vehicle Speed (ECU): 0.00 mph (6 days 2 h ago)	Engine Speed (ECU): 6023.90 rpm (4 days 23 h ago)
Engine Coolant Temp (ECU): 148.00 °C	Odometer (ECU): 0.00 mi (6 days 2 h ago)
Total Idle Hours (ECU): 0.00 h	Engine Run Time (ECU): 0.90 h
Fuel Rate (ECU): 636.54 gal/hour (4 days 23 h ago)	Fuel Per Trip (ECU): 211.34 gal
Fuel Level Percentage(ECU): 0.00 %	Total Idle Fuel Used (ECU): 0.00 gal
Fuel Economy (ECU): 0.00 mpg	Turn Signal Status (ECU): 0.00
Service Interval Days Remaining (ECU): 0.00 days	DTC Count: 3.00 (5 days ago)

Unit ID	Address	Status	Speed	Altitude	Time	Direction	Count	Coordinates
LMU4230 ELD - At	Via Del Campo 17150, San Diego, CA 92127, USA	Green	0 mph	632 ft	2719 mi	98 h	8	33.020927
MiFleet test device	Polaris Way 1, Aliso Viejo, CA 92656, USA	Red	0 mph	632 ft	2719 mi	98 h	8	33.020927
OBD Plug & Play LMU3030	Via Del Campo 17150, San Diego, CA 92127, USA	Green	0 mph	632 ft	2719 mi	98 h	8	33.020927

2 h 42 min ago (09-06-2017 09:29 am)
Via Del Campo 17150, San Diego, CA 92127, USA
■ AI's Liquor Store, ■ HEadquarters, ■ 0work2, ■ Big CA Geofence, ■ California

0 mph	632 ft	2719 mi	98 h	8	33.020927	-117.0957
-------	--------	---------	------	---	-----------	-----------

Manually registering an event for a Unit

Occasionally, you may need to register an event manually for a unit.

To do this, under the Monitoring tab, find the unit you want to register an event for, click on the flag for the unit.

The screenshot shows the MiFleet monitoring interface for a unit named 'OBD Plug & Play LMU3030'. The unit is located at 'Via Del Campo 17150, San Diego, CA 92127, USA'. The interface displays various status metrics: 0 mph, 632 ft, 2719 mi, 98 h, 10, and 33.020927 -117.0957. A 'Register event' button is visible in the top right corner. Below the status metrics, there is a table of vehicle data:

Ignition: Off	VIN: 19UUA76548A055598 (5 days 19 h ago)
Motion (Accelerometer): No Motion	Power State (OBD): Connected
Device Battery Status: Charged	Vehicle Speed (GPS): 0.00 mph
Vehicle Voltage: 12.49 V (4 min 39 s ago)	Device Back Up Battery: 4.12 V (4 h 5 min ago)
Trip Odometer (GPS): 0.06 mi (4 h 4 min ago)	Idle Time (In Current Trip): 4.78 Min (6 h 33 min ago)
Max Speed (Trip): 17.69 mph (4 h 28 min ago)	Vehicle Speed (OBD): 0.00 mph (6 h 4 min ago)
Engine Speed (OBD): 744.00 rpm (6 h 4 min ago)	Engine Coolant Temp (OBD): 91.00 °C
Odometer (OBD): 0.00 mi (19 days 12 h ago)	Trip Odometer (OBD): 11.50 mi (6 h 4 min ago)

Then select the type of event you want to register.

Register Event - MiFleet test device

Available events:

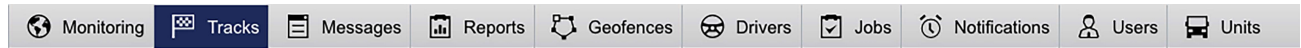
- ☒ Record in the log
- ☐ Custom event
- ☐ Unit status
- ☐ Fuel filling
- ☐ Maintenance work

Cancel Next

Several events, include:

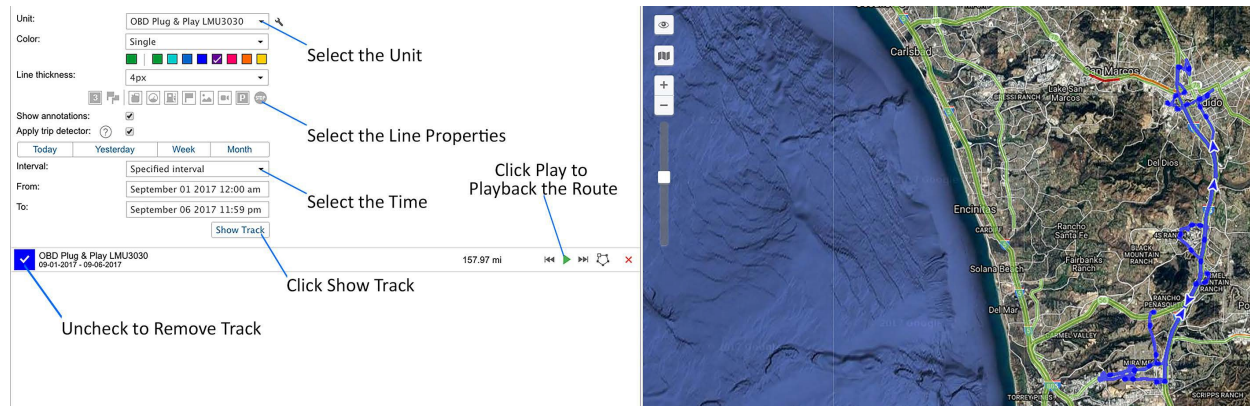
Event	Details
Record in the log	Simply record a message into the log
Custom event	Include description, date, location, and whether it is a violation
Unit Status	Include Description and Date
Fuel filling	Filled volume, cost, description, date, location
Maintenance work	Kind of work, description, cost, duration, location, date, mileage, engine hours

Tracks



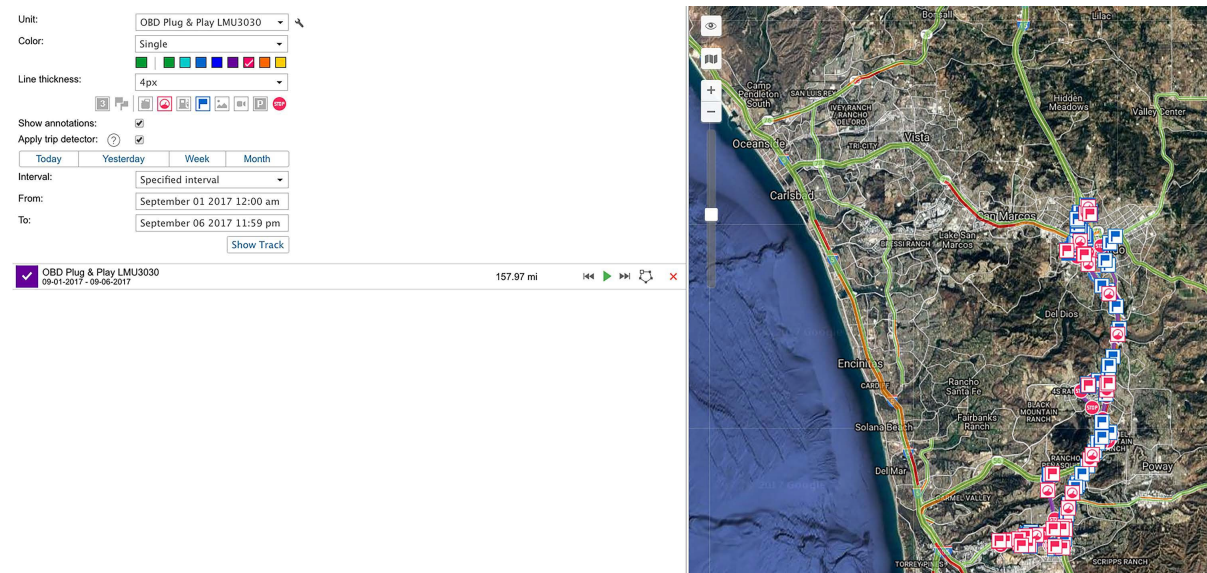
Allows you to see the travel history of a unit or multiple units. To do this:

Select a unit from the “Unit” drop down list, select a color for the history (if you would like to change it), then select your time interval, and click on Show Track. To add multiple units, complete a single Show Track, then select another unit from the “Unit” drop down, select your options and click Show track.

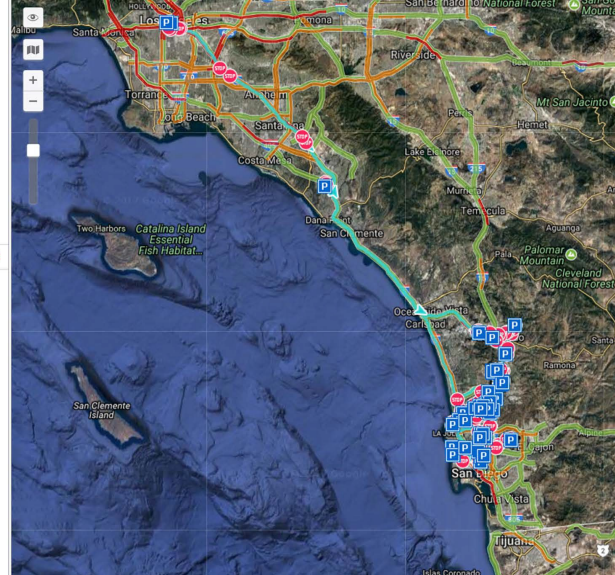
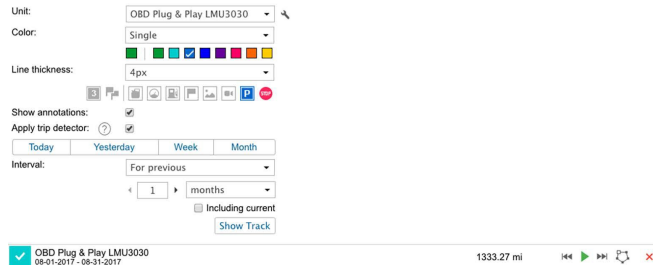


Here is an example of a track highlighting,

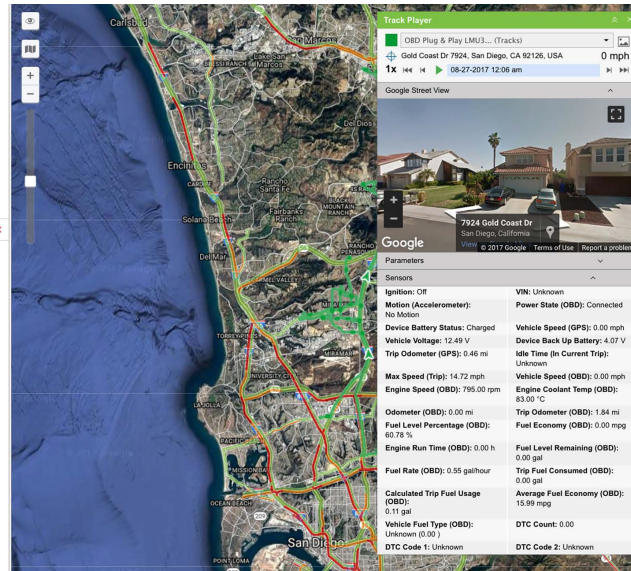
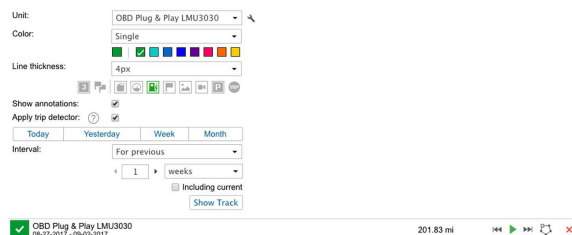
- Events (Notifications, Flags)
- Speedings
- Stops



Here is a track highlighting Parkings and Stops:

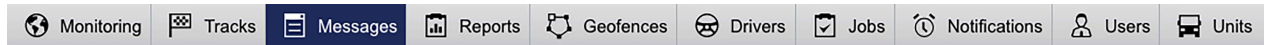


Here is a track highlighting fuel fill-ups with the ability to playback route through Google Street View:



Messages (only available with certain plans)

Messages allows for raw data export, using the Messages menu item.



The user or company can export data for any interval of time that they have data for (if they have the standard 90 day history plan, they can export data from within that time period).

Unit:

Today
Yesterday
Week
Month

Interval:
From:
To:
Message type:
Show parameters as:

Clear
Execute

Statistics

Export and Import Messages

To export data:

1. Login, go to **Messages** menu item
2. Select the unit
3. Select time interval (day, week, specific time, etc.)
4. Select message type:
 - a. **Data messages** - the table of messages will contain information about time, speed, coordinates, location, as well as parameters. Besides, resultant information will be given in statistics. You can observe messages in in the form of a table or as a chart.
 - i. Options to show recorded parameters as “Raw data” or “Sensor values”
 - b. **SMS Messages** - SMS messages can be sent by unit while executing a command, generating an alarm or in other cases, which depend on device type. A table generated for this request will consist of three columns: time when message was received, message text, and SIM card number embedded into unit. Messages can be filtered by text.
 - c. **Sent Commands** - Commands sent to the unit by user(s) are displayed for this request. There is a special button in the monitoring panel to send commands to units.
 - d. **Registered Events** - Different types of events can be registered in unit history automatically or manually. Automatic registration is adjusted with the help of notifications (delivery method must be Register event for unit, Register as violation or Register unit status. In such a manner, you can control Geofence visits, connection loss, idling, service intervals, etc. Manually an event can be registered in the special registrar in the monitoring panel. With this method, you can register fuel fillings, maintenance, unit statuses, and any custom event.
 - e. **Unit Log** - Any manipulations with unit properties or its database are logged in the system automatically. In addition, records can be added to unit log manually — through event registrar. To see unit log or add messages to it, you should have not only Query reports or messages access but also Manage log. Any changes in Unit Properties dialog are logged as well as import, export, and removal of messages, assignment or reset of a driver and others.

5. Select format to export data:

- OziExplorer track(.plt):** Ozi Explorer format that stores track as a list of coordinates of track's points.
- NMEA messages (.txt):** National Marine Electronics Association text file, communications protocol used in sea navigation equipment. *Attention!* Parameters (sensors) are not stored when exporting to this format.
- Google Earth (.kml):** an XML-based format used in Google Earth to transmit three-dimensional geospatial data.
- Wialon messages (.wln):** a format to be used with Wialon software.
- Wialon binary messages (.wlb):** a binary format to be used with Wialon software.

Below is the Messaging tab as the user will see it on the platform:

The screenshot shows the MiFleet interface with the 'Messages' tab selected. On the left, there are filters for Unit (OBD Plug & Play LMU3030), Interval (Specified interval), From (September 06 2017 12:00 am), To (September 06 2017 11:59 pm), and Message type (Registered events). Below these are statistics: Total messages: 32, Total time: ---, Distance: ---, Average speed: ---, Maximum speed: ---. On the right, a map shows the vehicle's location. Below the map is a table of events:

Time	Type	Event text
09-06-2017 02:34 am	Event	OBD Plug & Play LMU3030: Ignition Off (6hr Inactivity) at 09-06-2017 02:34
09-06-2017 02:34 am	Event	OBD Plug & Play LMU3030: Ignition Off (6hr Inactivity) at 2017-09-06 02:34: VIN - 19UUA76548A055598.
09-06-2017 06:56 am	Event	OBD Plug & Play LMU3030: Ignition On at 09-06-2017 09:29 am Hemphill D
09-06-2017 06:56 am	Event	OBD Plug & Play LMU3030: Ignition On at 2017-09-06 09:29:01 Hemphill D
09-06-2017 06:56 am	Event	Clock in (Ignition On) - 6:00am - 9:00am - project1 - OBD Plug & Play LMU3
09-06-2017 06:56 am	Event	Ignition On
09-06-2017 06:58 am	Event	OBD Plug & Play LMU3030: Comm Lost at 09-06-2017 09:29 amHemphill D
09-06-2017 06:59 am	Event	OBD Plug & Play LMU3030: Idle detected at 09-06-2017 09:29 amHemphill I
09-06-2017 06:59 am	Event	OBD Plug & Play LMU3030: Idle detected at 2017-09-06 09:29:07Hemphill C
09-06-2017 06:59 am	Event	OBD Plug & Play LMU3030: Comm Connected at 09-06-2017 09:29 amHemphill D
09-06-2017 06:59 am	Event	OBD Plug & Play LMU3030: Comm Connected at 2017-09-06 09:29:07Hemphill D
09-06-2017 07:01 am	Event	OBD Plug & Play LMU3030: Idle end at 09-06-2017 09:29 amGold Coast Dr
09-06-2017 07:01 am	Event	OBD Plug & Play LMU3030: Idle end at 2017-09-06 09:29:11Gold Coast Dr
09-06-2017 07:03 am	Event	OBD Plug & Play LMU3030: Ignition Off at 09-06-2017 09:29 amGold Coast

Click on the Export and Import to choose the format:

The screenshot shows the 'Statistics' section with a sub-tab 'Export and Import Messages'. It lists supported export formats: .wln, .wlb, .txt, .kml, .plt. A dropdown menu is set to 'OziExplorer track (.plt)'. There is a checkbox for 'Compress file' and an 'Export' button. Below, it lists supported import formats: .wln, .wlb, .txt, .log, as well as their ZIP and GZIP archives. There is a 'Click to choose file' button and a 'Browse' button.

Reports



MiFleet reports are highly customizable, from checking user login logs, to seeing how fast a vehicle was going yesterday at any specific time.

Add Tables, select specific columns, and ways to group your data:

New Report Template ×

Table properties
 Name: Type:

Available columns

Beginning	<input type="checkbox"/>
Initial location	<input type="checkbox"/>
End	<input type="checkbox"/>
Final location	<input type="checkbox"/>
Engine hours	<input type="checkbox"/>
Initial engine hours	<input type="checkbox"/>
Final engine hours	<input type="checkbox"/>
Total time	<input type="checkbox"/>
Off-time	<input type="checkbox"/>
In motion	<input type="checkbox"/>
Idling	<input type="checkbox"/>
Mileage	<input type="checkbox"/>
Mileage (adjusted)	<input type="checkbox"/>
Initial mileage	<input type="checkbox"/>

Parameters

Grouping:

Total	<input type="checkbox"/>	--
Year	<input type="checkbox"/>	--
Month	<input type="checkbox"/>	--
Season	<input type="checkbox"/>	--
Week	<input type="checkbox"/>	--
Day of the week	<input type="checkbox"/>	--
Day of the month	<input type="checkbox"/>	--
Date	<input type="checkbox"/>	--
Shift	<input type="checkbox"/>	--
Duration	<input type="checkbox"/>	--

☐ Detalization
☐ Row numbering
☐ Total
☐ Time limitation

Use Ctrl + Click to select multiple items

Add Charts based on Speed, Altitude, Temperature, or many other sensors or parameters:

New Report Template ×

Chart properties
 Name: Type: ☐ Split sensors ☐ Count from zero

Data set

<input type="checkbox"/> Speed	
<input type="checkbox"/> Speed (smoothed)	
<input type="checkbox"/> Altitude	
<input type="checkbox"/> Engine operation	
<input type="checkbox"/> Engine efficiency sensor	
<input type="checkbox"/> Voltage	
<input type="checkbox"/> Voltage (smoothed)	
<input type="checkbox"/> Temperature	
<input type="checkbox"/> Temperature (smoothed)	
<input type="checkbox"/> Engine revs	
<input type="checkbox"/> Engine revs (smoothed)	
<input type="checkbox"/> Cargo weight	
<input type="checkbox"/> Counter sensors	
<input type="checkbox"/> Custom sensors	

Chart params
☐ Sensors masks
Markers
Background

☐ Stops
 ☐ Engine hours
 ☐ Connection losses
 ☐ Parkings
 ☐ Trips

Line color

Use Ctrl + Click to select multiple items
Cancel
OK

Default Report Templates

Default reports templates are show below.

They can be scheduled for specific times or when events are triggered.

Report name	Table Properties	Table Columns	Parameters		
			Groupings	Events	Event Filter
Daily Totals	Total Engine Hours	Mileage Engine Hours			
Unit Groups Chronology	Chronology	Type Time Location Duration Description	Total Date Unit	Trips Parkings Stops Events Speedings	
	Summary	Total mileage Total Engine hours	Total Unit		

		Move time			
	Harsh behavior	Event time Event text Location Count	Total Unit Date		*Harsh*
	Idle Reports	Event time Event text Location Count	Total Unit Date		*Idle*

Creating Reports

To create additional reports

- 1 Reports Tab
- 2 New
- 3 **Select Report Type**
- 4 Bind
- 5 Add Table
- 6 **Select Table Type**

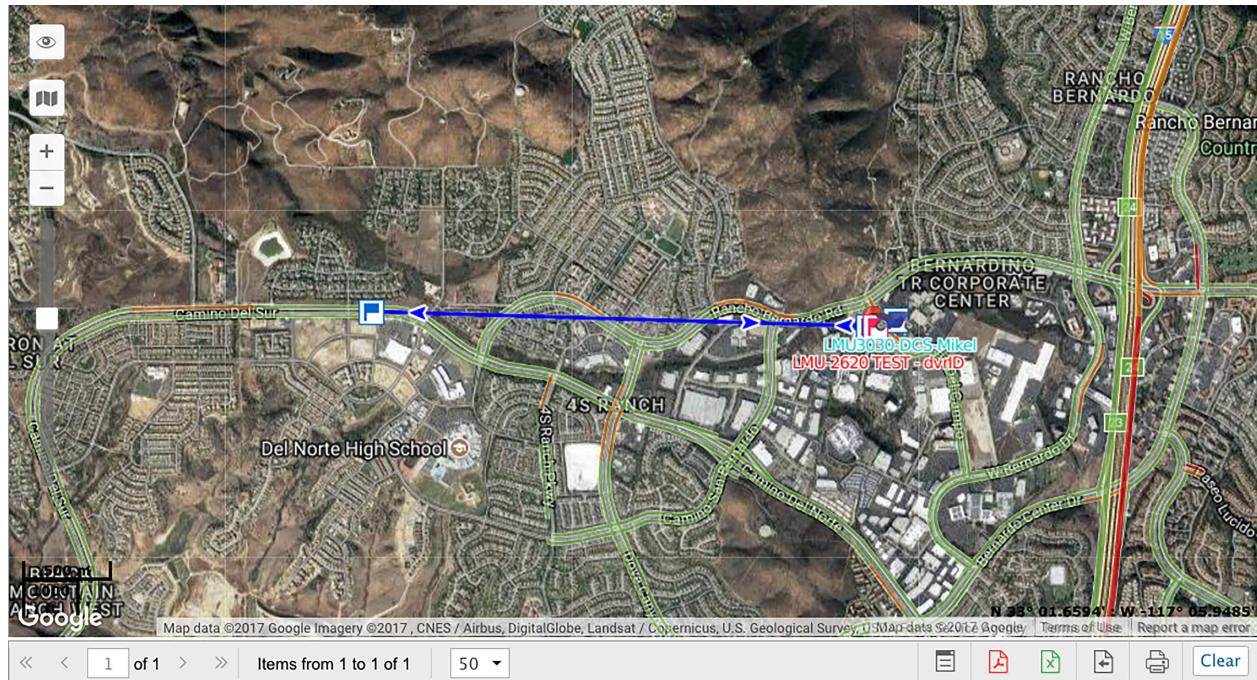
Report Types	
Unit	Individual Units
Unit Group	Several Units at once
User	Analyze users' activity in MiFleet
Resource	Analyze how resource (MiFleet account) contents change




Example of Table Types

Table Types	Tables	Example Data/Columns
Resource	Account Tree	Object type, name, and change information
	Log	User, action, host
	Logins	Login/Logout time, duration, host
	SMS messages	Time, user, phone
User	Log	
	Logins	Name, Value, Notes
Unit / Unit Group	Chronology	Beginning, End, Initial Location, Final location
	Engine Hours	Mileage, Revs, Temperature, Calculated Consumption
	Events	Notification Triggers
	Geofences	Time in, Time out, Duration in, Total time, Mileage, Driver, Date
	Speedings	Max Speed, Speed limit, Duration, Avg. Speed



















Example Screenshots

Geofences / Ride Reports



Unit	Date	Detailization				
	No	Grouping	Beginning	End	Duration	Location
	1	LMU3030-DCS-Mikel	04:07 pm	08-31-2017 11:34 am	20 days 19:26:50	Via Del Campo 17150, San Diego, CA 92127, USA
	1.1	08-10-2017	04:07 pm	08-31-2017 11:34 am	20 days 19:26:50	Via Del Campo 17150, San Diego, CA 92127, USA
	1.1.1	LMU3030-DCS-Mikel	04:07 pm	08-31-2017 11:34 am	20 days 19:26:50	Via Del Campo 17150, San Diego, CA 92127, USA

Speeding

Unit	Date	Detailization					
	No	Grouping	Beginning	Location	Max speed	Speed limit	Avg speed
	1	Flow Van	01:37 am	Andrew Jackson Hwy, Leland, NC 28451, USA	75 mph	60 mph	64 mph
	2	LMU3030-0222 - LTE	06:02 pm	W Country Club Ln, Escondido, CA 92026, USA	81 mph	30 mph	62 mph
	3	LMU3030-DCS-LC	07:58 am	I-15, San Diego, CA 92145, USA	89 mph	65 mph	72 mph
	4	LMU3030-DCS-RR - test	08:04 am	Ca-52, San Diego, CA 92117, USA	93 mph	65 mph	75 mph
	4.1	08-01-2017	08:04 am	Ca-52, San Diego, CA 92117, USA	86 mph	65 mph	75 mph
	4.2	08-02-2017	07:35 am	Ca-52, San Diego, CA 92117, USA	88 mph	65 mph	77 mph
	4.3	08-03-2017	08:19 am	Ca-52, San Diego, CA 92111, USA	85 mph	65 mph	74 mph
	4.4	08-08-2017	07:12 am	Regents Rd, San Diego, CA 92117, USA	80 mph	50 mph	75 mph
	4.5	08-11-2017	02:08 pm	Ca-52, San Diego, CA 92145, USA	93 mph	65 mph	60 mph
	4.6	08-13-2017	11:58 am	I-215, San Bernardino, CA 92407, USA	93 mph	70 mph	78 mph
	4.7	08-14-2017	07:50 am	Ca-52, San Diego, CA 92117, USA	84 mph	65 mph	77 mph
	4.8	08-21-2017	07:59 am	Ca-78, Vista, CA 92083, USA	78 mph	65 mph	72 mph
	4.9	08-23-2017	05:48 pm	Ca-78, San Marcos, CA 92069, USA	75 mph	65 mph	73 mph
	4.10	08-24-2017	08:49 am	I-15, San Diego, CA 92127, USA	71 mph	65 mph	67 mph
	4.11	08-25-2017	08:48 am	Ca-78, Vista, CA 92083, USA	85 mph	65 mph	77 mph
	4.12	08-28-2017	08:47 am	Ca-78, Vista, CA 92083, USA	79 mph	65 mph	74 mph
	4.13	08-29-2017	08:41 am	Ca-78, San Marcos, CA 92069, USA	76 mph	65 mph	73 mph
	4.14	08-30-2017	08:53 am	Ca-78, San Marcos, CA 92078, USA	79 mph	65 mph	72 mph

Current Odometer

Nº	Grouping	Mileage
1	LMU-2630 JPOD2	32 mi
2	LMU3030-0222 - LTE	1120 mi
3	LMU3030-DCS-LC	60891 mi
4	LMU3030-DCS-Mikel	8598 mi
5	LMU3030-DCS-MZ	5545 mi
6	LMU3030-DCS-RR - test	27669 mi
7	LMU3030-DCS-Wayne	0.03 mi
8	LMU3035-6987	47 mi
9	LMU3035-New Test Unit	473 mi
10	LMU4230-9870	11894 mi

Stops

Total > Unit > Date > Detailization >								
	Nº	Grouping	Beginning	End	Duration	Total time	Location	Count
[-]	1	Total	09	23	1:22:58	5 days 12:55:48	Dye Rd, Ramona, CA 92065	205
[+]	1.1	Odyssey	16	23	0:27:53	1 days 7:05:06	D St, Ramona, CA 92065	56
[+]	1.1.1	08-21-2017	16	16	0:01:04	0:31:32	D St, Ramona, CA 92065	5
[+]	1.1.2	08-23-2017	16	16	0:02:07	0:02:07	23504 Calistoga Pl, Ramona, CA 92065	1
[+]	1.1.3	08-24-2017	13	13	0:00:00	0:00:00	24831 Cantara Way, Ramona, CA 92065	1
[+]	1.1.4	08-25-2017	07	07	0:01:00	0:01:00	Barona Mesa Rd, Ramona, CA 92065	1
[+]	1.1.5	08-27-2017	11	14	0:02:37	3:31:35	23504 Calistoga Pl, Ramona, CA 92065	3
[+]	1.1.6	08-28-2017	07	07	0:00:01	0:02:36	Barona Mesa Rd, Ramona, CA 92065	2
[+]	1.1.7	08-29-2017	15	16	0:01:36	0:06:08	23504 Calistoga Pl, Ramona, CA 92065	2
[+]	1.1.8	08-30-2017	16	16	0:00:00	0:00:00	23507 Calistoga Pl, Ramona, CA 92065	1
[+]	1.1.9	08-31-2017	16	18	0:00:00	2:10:48	San Vicente Rd, Ramona, CA 92065	6
[+]	1.1.10	09-01-2017	15	21	0:10:33	6:21:23	Watt Rd, Ramona, CA 92065	17
[+]	1.1.11	09-02-2017	04	23	0:08:55	18:17:57	Fairway Dunes Rd, Palm Desert, CA 92211	17
[+]	1.2	Pilot	09	14	0:55:05	4 days 5:50:42	Dye Rd, Ramona, CA 92065	149
	-----	Total	09	23	1:22:58	5 days 12:55:48	Dye Rd, Ramona, CA 92065	205

General Chronology

Date > Unit > Detailization >							
	Nº	Grouping	Type	Time	Location	Duration	Description
[-]	1	06-05-2016	----	03	3969 Adams St, Carlsbad, CA 92008	9 days 21:15:23	----
[+]	1.1	LMU-3030 TEST	----	03	3969 Adams St, Carlsbad, CA 92008	1 days 4:50:02	----
[+]	1.2	LMU3030-DCS-AT	----	03	30531 Shoreline Dr, Menifee, CA 92584	1 days 4:49:44	----
[+]	1.3	LMU3030-DCS-JR	----	01	5063 Waterview Way, Oceanside, CA 92057	2 days 13:31:10	----
[+]	1.4	LMU3030-DCS-RR	----	01	S Cosmopolitan, NV 89109, Las Vegas	1 days 8:48:46	----
[+]	1.4.1	LMU3030-DCS-RR	Event	01	S Cosmopolitan, NV 89109, Las Vegas	0:00:00	LMU3030-TEST-RR: Ignition Off (6h
[+]	1.4.2	LMU3030-DCS-RR	Parking	01	S Cosmopolitan, NV 89109, Las Vegas	13:06:09	----
[+]	1.4.3	LMU3030-DCS-RR	Event	14	S Cosmopolitan, NV 89109, Las Vegas	0:00:00	LMU3030-TEST-RR: Ignition On at C
[+]	1.4.4	LMU3030-DCS-RR	Event	14	S Cosmopolitan, NV 89109, Las Vegas	0:00:00	Ignition On
[+]	1.4.5	LMU3030-DCS-RR	Event	14	S Cosmopolitan, NV 89109, Las Vegas	0:00:00	LMU3030-TEST-RR: Idle detected a

General Summary

Total	Unit				
	No	Grouping	Total mileage	Total Engine hours	Move time
	1	Total	2824.22 mi	81:49:57	3 days 14:16:49
	1.1	LMU-3030 TEST	418.14 mi	10:14:02	10:54:22
	1.2	LMU3030-DCS-AT	970.68 mi	25:07:08	1 days 1:07:54
	1.3	LMU3030-DCS-JR	178.90 mi	6:07:08	6:02:34
	1.4	LMU3030-DCS-RR	559.76 mi	13:01:59	16:58:00
	1.5	LMU3030-DCS-RR2	193.78 mi	5:06:50	4:37:18
	1.6	Odyssey	168.35 mi	9:53:27	9:45:17
	1.7	Pilot	334.60 mi	12:19:23	12:51:24

Harsh Behavior

Total	Unit	Date	Detailization			
	No	Grouping	Event time	Event text	Location	Count
	1	Total	06		Newport Rd, Menifee, CA 92584	359
	1.1	LMU-3030 TEST	18		I-5, Carlsbad, CA 92008	82
	1.2	LMU3030-DCS-AT	06		Newport Rd, Menifee, CA 92584	116
	1.3	LMU3030-DCS-JR	06		Ca-76, Oceanside, CA 92057	26
	1.4	LMU3030-DCS-RR	15		W Russell Rd, NV 89118, Las Vegas	39
	1.4.1	06-05-2016	15		W Russell Rd, NV 89118, Las Vegas	6
	1.4.2	06-06-2016	08		Regents Rd, San Diego, CA 92117	5
	1.4.2.1	LMU3030-DCS-RR	08	LMU3030-TEST-RR: Harsh Left at 06-06-2016 08:19 am Regents Rd, San Diego, CA 92117, USA	Regents Rd, San Diego, CA 92117	1
	1.4.2.2	LMU3030-DCS-RR	08	LMU3030-TEST-RR: Harsh Braking at 06-06-2016 08:32 am 16, San Diego, CA 92131, USA	16, San Diego, CA 92131	1
	1.4.2.3	LMU3030-DCS-RR	17	LMU3030-TEST-RR: Harsh Right at 06-06-2016 05:03 pm 16, San Diego, CA 92126, USA	16, San Diego, CA 92126	1
	1.4.2.4	LMU3030-DCS-RR	17	LMU3030-TEST-RR: Harsh Right at 06-06-2016 05:09 pm Ca-52, San Diego, CA 92145, USA	Ca-52, San Diego, CA 92145	1
	-----	Total	06	-----	Newport Rd, Menifee, CA 92584	359

Idle Reports

«	<	1	of 1	>	»	Items from 1 to 1 of 1	50						Clear
Total	Unit	Date	Detailization										
	No	Grouping	Event time	Event text	Location								
	1	Total		-----	-----								
	1.1	LMU-3030 TEST		-----	-----								
	1.2	LMU3030-DCS-AT	16		435 W 13Th Avenue, Escondido, CA 92025								
	1.3	LMU3030-DCS-JR	16		Vandegrift Blvd, Oceanside, CA 92057								
	1.4	LMU3030-DCS-RR	14		S Cosmopolitan, NV 89109, Las Vegas								
	1.4.1	06-05-2016	14		S Cosmopolitan, NV 89109, Las Vegas								
	1.4.1.1	LMU3030-DCS-RR	14	LMU3030-TEST-RR: Idle detected at 06-05-2016 02:51 pmS Cosmopolitan, Las Vegas, NV 89109, USA	S Cosmopolitan, NV 89109, Las Vegas								
	1.4.1.2	LMU3030-DCS-RR	14	LMU3030-TEST-RR: Idle end at 06-05-2016 02:55 pmS Las Vegas Blvd, Las Vegas, NV 89109, USA	S Las Vegas Blvd, NV 89109, Las Vegas								
	1.4.2	06-08-2016	18		4227 Balboa Avenue, San Diego, CA 92117								
	1.5	LMU3030-DCS-RR2	08		7565 Torrey Santa Fe Rd, San Diego, CA 92129								

Parkings

Total	Unit	Date	Detailization				
	No	Grouping	Beginning	End	Duration	Location	Count
☐	1	Total	03	22	43 days 15:38:44	3969 Adams St, Carlsbad, CA 92008	189
☐	1.1	LMU-3030 TEST	03	21	6 days 7:03:37	3969 Adams St, Carlsbad, CA 92008	26
☐	1.2	LMU3030-DCS-AT	03	06-11-2016 21	5 days 18:05:10	30531 Shoreline Dr, Menifee, CA 92584	26
☐	1.3	LMU3030-DCS-JR	01	21	6 days 13:56:03	5063 Waterview Way, Oceanside, CA 92057	17
☐	1.4	LMU3030-DCS-RR	01	20	6 days 2:08:19	S Cosmopolitan, NV 89109, Las Vegas	35
☐	1.4.1	06-05-2016	01	06-06-2016 08	1 days 1:40:16	S Cosmopolitan, NV 89109, Las Vegas	4
☐	1.4.2	06-06-2016	12	06-07-2016 07	18:21:13	9470 Mira Mesa Blvd, San Diego, CA 92126	5
☐	1.4.2.1	LMU3030-DCS-RR	12	12	0:08:13	9470 Mira Mesa Blvd, San Diego, CA 92126	1
☐	1.4.2.2	LMU3030-DCS-RR	12	17	4:12:30	10675 Treena St, San Diego, CA 92131	1
☐	1.4.2.3	LMU3030-DCS-RR	17	18	0:57:10	4924 Gallatin Way, San Diego, CA 92117	1
☐	1.4.2.4	LMU3030-DCS-RR	18	19	1:13:24	4219 Balboa Avenue, San Diego, CA 92117	1
	-----	Total	03	22	43 days 15:38:44	3969 Adams St, Carlsbad, CA 92008	189

Engine hours

Total	Unit	Date	Detailization							
	No	Grouping	Beginning	Initial location	End	Final location	Engine hours	Idling	Mileage	Avg speed
☐	1	Total	08	3969 Adams St, Carlsbad, CA 92008	22	23504 Calistoga Pl, Ramona, CA 92065	81:49:57	9:04:40	2826.78 mi	35 mph
☐	1.1	LMU-3030 TEST	08	3969 Adams St, Carlsbad, CA 92008	21	3969 Adams St, Carlsbad, CA 92008	10:14:02	0:48:28	414.00 mi	40 mph
☐	1.2	LMU3030-DCS-AT	06	30531 Shoreline Dr, Menifee, CA 92584	22	30531 Shoreline Dr, Menifee, CA 92584	25:07:08	1:24:15	975.66 mi	39 mph
☐	1.3	LMU3030-DCS-JR	06	5063 Waterview Way, Oceanside, CA 92057	21	Tranquil Way, Oceanside, CA 92057	6:07:08	0:43:26	179.23 mi	29 mph
☐	1.4	LMU3030-DCS-RR	14	S Cosmopolitan, NV 89109, Las Vegas	20	4924 Gallatin Way, San Diego, CA 92117	13:01:59	0:50:44	560.22 mi	43 mph
☐	1.4.1	06-05-2016	14	S Cosmopolitan, NV 89109, Las Vegas	20	4924 Gallatin Way, San Diego, CA 92117	4:54:02	0:11:09	330.55 mi	67 mph
☐	1.4.1.1	LMU3030-DCS-RR	14	S Cosmopolitan, NV 89109, Las Vegas	15	3480 W Russell Rd, Las Vegas, NV 89118	0:12:44	0:07:49	2.26 mi	11 mph
☐	1.4.1.2	LMU3030-DCS-RR	15	Polaris, NV 89118, Las Vegas	15	Dean Martin Dr, NV 89139, Las Vegas	0:19:25	0:02:30	6.30 mi	19 mph
☐	1.4.1.3	LMU3030-DCS-RR	15	Dean Martin Dr, NV 89139, Las Vegas	20	4924 Gallatin Way, San Diego, CA 92117	4:21:53	0:00:50	321.99 mi	74 mph
☐	1.4.2	06-06-2016	08	4924 Gallatin Way, San Diego, CA 92117	19	4924 Gallatin Way, San Diego, CA 92117	0:57:53	0:02:25	33.00 mi	34 mph
☐	1.4.3	06-07-2016	07	4924 Gallatin Way, San Diego, CA 92117	18	4924 Gallatin Way, San Diego, CA 92117	0:48:10	0:00:17	27.36 mi	34 mph
	-----	Total	08	3969 Adams St, Carlsbad, CA 92008	22	23504 Calistoga Pl, Ramona, CA 92065	81:49:57	9:04:40	2826.78 mi	35 mph

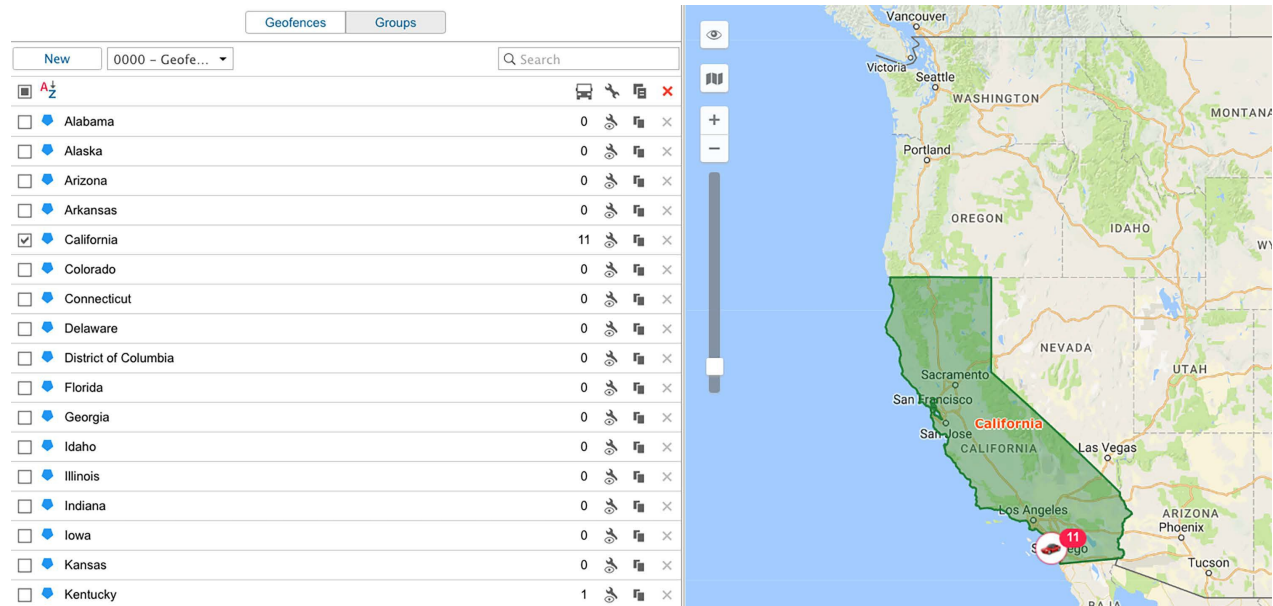
There are MANY types of reports, and complete customization to view and organize your data. If you need help, feel free to contact us and we can help to make your data more readable or functional for you.

Geofences



Geofences, or a virtual barrier, can trigger an event. You can use the default ones (state boundaries) and/or you can create your own. With Geofences, you can create Notifications (Notifications Tab > New) to create a trigger when a unit is inside or outside the Geofence.

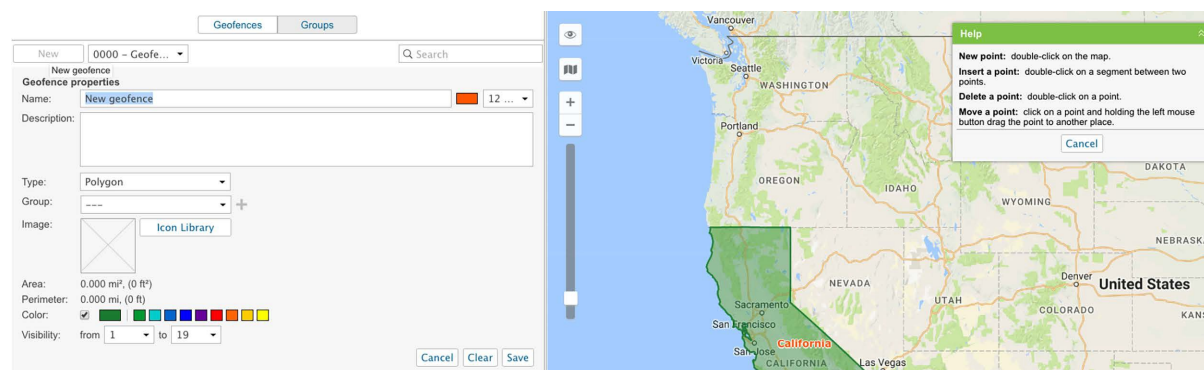
Default Geofences include all 50 states, click on a Geofence to highlight and show on map



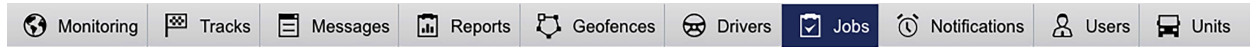
To Create a new Geofence, click on New on the top left, and follow the help guidelines as displayed on the map, change your options as you like, then click on Save. If you would like to delete the Geofence later, you can click on the Red X next to the item in the list to delete.



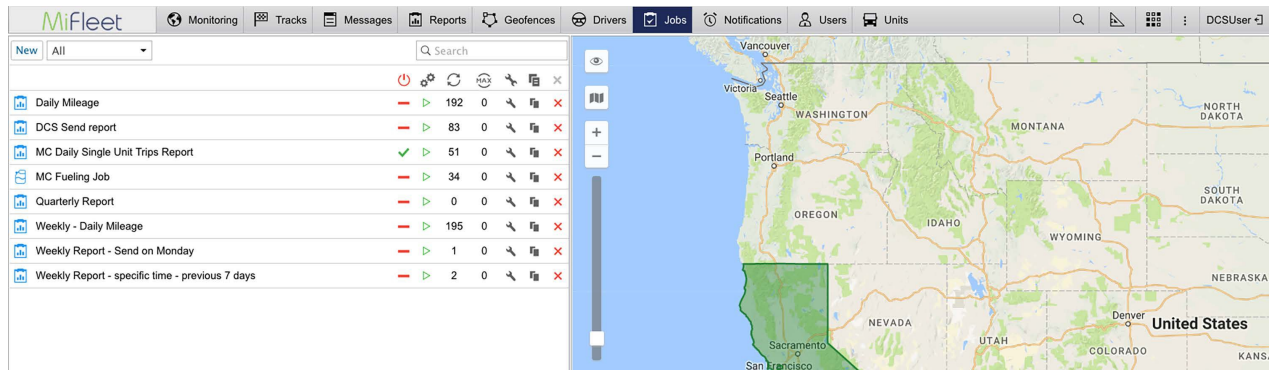
Customize how you want the Geofence to appear on the map.



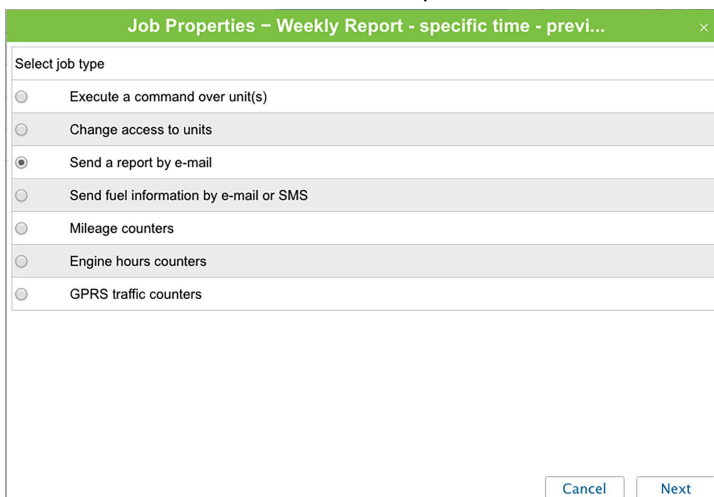
Jobs



These jobs can be changed or customized as you need. Once you create a job, click the wrench to go into Job Properties.



Jobs are automatic execution of a specific command, which include the below types:

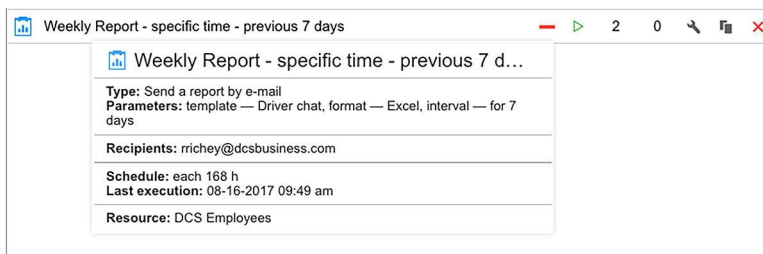


The default Jobs are to send a report by email:

- Daily Report
- End of Day

In these report jobs, you can schedule the report to be sent to up to 4 email addresses.

These reports include an exact longitude and latitude of the event trigger with a clickable hyperlink to the exact Google Maps address.



Notifications



There are currently 22 default notifications, but we are always updating and adding more to our standards as users request them.

MiFleet Standard Account Notifications			
Notification Name	Alert Window Color	Properties (What happens after the event has been triggered?)	Description (What triggers the notification)
INITIAL POWERUP	Green		
POWERUP	Green		
COMM CONNECTED	Green		The device has connected to network.
COMM LOST	Orange		The device has lost service and cannot communicate with MiFleet. The notification will not appear in MiFleet until the device has reconnected, at which point, all stored data will be transmitted back to MiFleet.
PERIODIC REPORT	White		Reports back to MiFleet based on a varied time
IGNITION ON	Green		Vehicle ignition powered on
IGNITION OFF	Orange		Vehicle ignition powered off
IDLE START	Yellow		Vehicle has not moved for 3 minutes
EXCESSIVE IDLE	Orange		Vehicle has not moved for 10 minutes
IDLE END	Orange		Total time engine has been running
IGNITION OFF - INACTIVITY	Orange		Ignition off for 6hrs straight
MIL LIGHT - MALFUNCTION INDICATOR LIGHT	Orange		MIL (or Check Engine Light) is on
HARSH BRAKING	Red	Register as Violation	Vehicle has decelerated quickly. Based on a threshold of G forces based on speed.
HARSH ACCELERATION	Red	Register as Violation	Vehicle has accelerated quickly. Based on a threshold of G forces based on speed.
HARSH LEFT	Red	Register as Violation	Vehicle has made a harsh left turn. Based on a threshold of G forces based on speed.

HARSH RIGHT	Red	Register as Violation	Vehicle has made a harsh right turn. Based on a threshold of G forces based on speed.
BATTERY SAFE	Orange		Device battery is good
DEVICE BATTERY - CRITICALLY LOW	Orange		Device battery is very low
IMPACT - POSSIBLE COLLISION	Red	Register as Violation, Blink Minimap	Accelerometer has triggered a possible collision
TOW START	Red	Register as Violation, Blink Minimap	Vehicle is moving, but ignition is not on
TOW BREADCRUMB	Red	Register as Violation, Blink Minimap	Reports vehicle position, or tracks, after "Tow Start" has been triggered.
DEVICE DISCONNECTED	Orange		Device has been physically disconnected from vehicle
DEVICE CONNECTED	Green		Device has been physically connected to the vehicle
New Additions			
BEGINNING OF DRIVE	Green		Beginning of Drive (BOD) - Ignition turned on, motion sensed. Device left previously recorded location by 0.5 miles
END OF DRIVE	Orange		End of Drive (EOD) - Ignition turned off, stationary for 720 seconds.
FIND ME - RECOVERY REPORT	Orange		Find Me - Recovery Report - Only enabled by MiFleet to find a stolen asset. This is a breadcrumb report to track it down.
TIME DISTANCE REPORTS	White		Time Distance Reports - Variable timing dependent on device and configuration.
BATTERY CRITICALLY LOW	Red		Battery Critically Low - note to replace battery. (15% battery life left in unit.)

With Geofence Notifications, you have the option to select the Geofence(s) and whether the event is triggered when the unit is inside or outside, along with the type of notification:

New Notification

Geofence

Unit position ☒ Inside geofence
☐ Outside geofence

Logical operator ☒ OR
☐ AND

[Traffic Cameras]
 [Weather]
 [Work geos]
 0ClairemontShopping1
 0DCS-work
 0Location1
 0Shopping1
 0work1
 0work2
 10675 Treena St, San Diego, CA 92131, USA
 Airport
 Al's Liquor Store

>>
<<

Select All
Select All

New Notification

Choose measures to be taken when notification triggers:

- ☐ Notify by e-mail
- ☐ Notify by SMS
- ☐ Display online notification in a popup window
- ☐ Send mobile notification
- ☐ Send a request
- ☐ Register event for unit
- ☐ Execute a command
- ☐ Change access to units
- ☐ Set counter value
- ☐ Store counter value as parameter
- ☐ Register unit status
- ☐ Modify unit groups
- ☐ Send a report by e-mail
- ☐ Create a round
- ☐ Reset driver

Additional notifications can be setup for any of the events in the following diagram. If you create a notification and it doesn't look right, contact us and we'll be happy to assist or setup for you.

New Notification

Choose trigger type:

<input checked="" type="radio"/> Speed	<input type="radio"/> Geofence
<input type="radio"/> Alarm (SOS)	<input type="radio"/> Digital input
<input type="radio"/> Parameter in a message	<input type="radio"/> Sensor value
<input type="radio"/> Connection loss	<input type="radio"/> Idling
<input type="radio"/> SMS	<input type="radio"/> Interposition of units
<input type="radio"/> Address	<input type="radio"/> Excess of messages
<input type="radio"/> Fuel filling	<input type="radio"/> Fuel theft
<input type="radio"/> Route progress	<input type="radio"/> Driver
<input type="radio"/> Trailer	<input type="radio"/> Maintenance

Cancel
Back
Next

Customize the notification and it's parameters.

New Notification

Name:

☐ Time interval (from - to):

Control period from current time:

Min duration of alarm state:

Max triggers:

Generate notification:

☒ Only when state changed
☐ For all messages

Min duration of the previous state:

Max time difference between messages:

Timeout:

Enabled: ☒

Time limitation: ☐

Users



By default, your account will come with a primary login, which you can share with other users or keep private. You can create new users as needed and give them duplicate access or limited access.

New User ×

General

Access

Advanced

Logs

Custom Fields

* Name: from 4 to 50 characters

* Password:

* Confirm password:

Host mask:

Creator:

Account:

Measurement system:

Can create items: ☒

Can change password: ☒

Can send SMS: ☐

Enabled: ☒

Can change settings: ☒

There are many options to select from for the Access Control Lists for the User. The ACLs below, can be assigned, to Units, Unit Groups, Users, or Resources.

Item ACL	Unit ACL
<input type="checkbox"/> View item and its basic properties	<input type="checkbox"/> View connectivity settings (device type,...)
<input type="checkbox"/> View detailed item properties	<input type="checkbox"/> Edit connectivity settings
<input type="checkbox"/> Manage access to this item	<input type="checkbox"/> Create, edit, and delete sensors
<input type="checkbox"/> Delete item	<input type="checkbox"/> Edit counters
<input type="checkbox"/> Rename item	<input type="checkbox"/> Delete messages
<input type="checkbox"/> View custom fields	<input type="checkbox"/> Execute commands
<input type="checkbox"/> Manage custom fields	<input type="checkbox"/> Manage events
<input type="checkbox"/> View admin fields	<input type="checkbox"/> View service intervals
<input type="checkbox"/> Manage admin fields	<input type="checkbox"/> Create, edit, and delete service intervals
<input type="checkbox"/> Edit not mentioned properties	<input type="checkbox"/> Import messages
<input type="checkbox"/> Change icon	<input type="checkbox"/> Export messages
<input type="checkbox"/> Query reports or messages	<input type="checkbox"/> View commands
<input type="checkbox"/> Edit ACL propagated items	<input type="checkbox"/> Create, edit, and delete commands
<input type="checkbox"/> Manage item log	<input type="checkbox"/> Edit trip detector and fuel consumption
<input type="checkbox"/> View and download files	<input type="checkbox"/> Use unit in jobs, notifications, routes, r...
<input type="checkbox"/> Upload and delete files	

There are several templates already available, and you can create your own templates as well, to easily assign rights to new users:

Presets of access rights for units

<input checked="" type="checkbox"/> No access	<input type="checkbox"/> Full access	<input type="checkbox"/> Read only

[Edit Presets](#)

Units



By default, your account will already have your newly purchased units loaded.

Here, you can see or edit various unit properties, such as the device name. We do not recommend changing others, as there is the possibility of breaking the connection between the device and the platform.

Unit Properties – OBD Plug & Play LMU3030

General	Access	Icon	Advanced	Sensors	Custom Fields	Unit Groups	Commands	Eco Driving
Profile	Trip Detection	Fuel Consumption	Service Intervals					

* Name:

OBD Plug & Play LMU3030

from 4 to 50 characters

* Device type:

LMU-3030

TTU-2820 Series

Unique ID:

4542178039

Phone number:

Device access password:

Creator:

Account:

Mileage counter:
GPS
Current value: 2766
mi
☒ Auto

Engine hours counter:
Engine ignition sensor
Current value: 100
h
☒ Auto

GPRS traffic counter:
Reset Counter
Current value: 0
KB
☐ Auto

Under the Advanced tab, you can change various parameters for Reporting, Speeding, Driver activity, and Track colors.

Unit Properties – OBD Plug & Play LMU3030

General	Access	Icon	Advanced	Sensors	Custom Fields	Unit Groups	Commands	Eco Driving
Profile	Trip Detection	Fuel Consumption	Service Intervals					

Parameters used in reports

Consumption by rates, gal/100mi:

Urban speed limit, mph:

Maximum interval between messages, seconds:

Daily engine hours rate, hours:

Mileage coefficient:

Speeding

Speeding detection:

Use limits from roads

Tolerance on speeding, mph:

Min speeding time, seconds:

Driver activity

Driver activity source:

None

Unit label color

Track colors

☒ Single

Restore Properties

Export to File

Cancel

OK

Under the Trip Detection tab, you can change, additional options, such as how MiFleet detects movement from your vehicle unit.

General	Access	Icon	Advanced	Sensors	Custom Fields	Unit Groups	Commands	Eco Driving
Profile	Trip Detection	Fuel Consumption	Service Intervals					

Movement detection:

GPS speed
GPS speed
GPS coordinates
Engine ignition sensor
Mileage sensor
Relative odometer

Min moving speed, mph:

Min parking time, seconds:

Allow GPS correction:

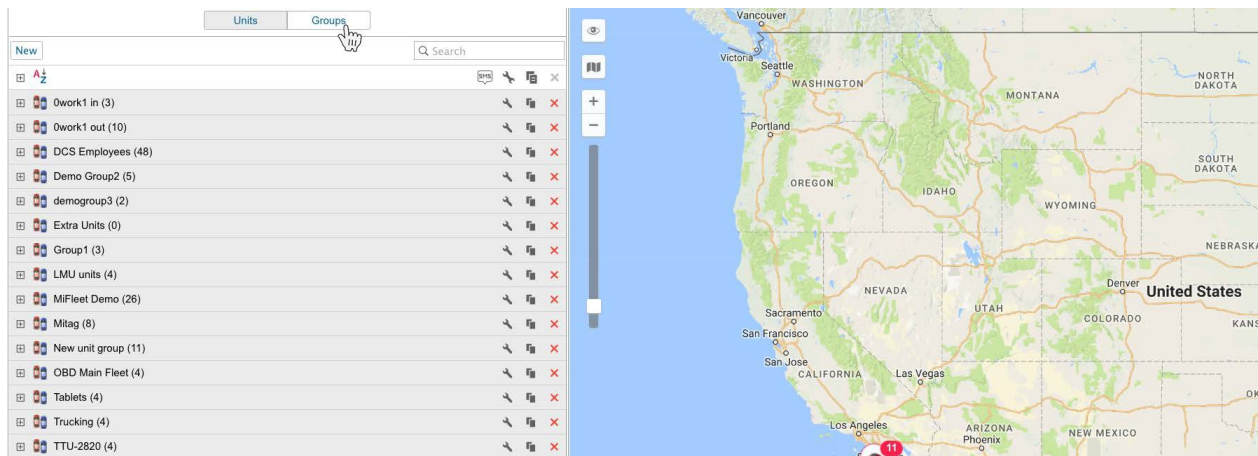
Min satellites count:

Max distance between messages, feet:

Min trip time, seconds:

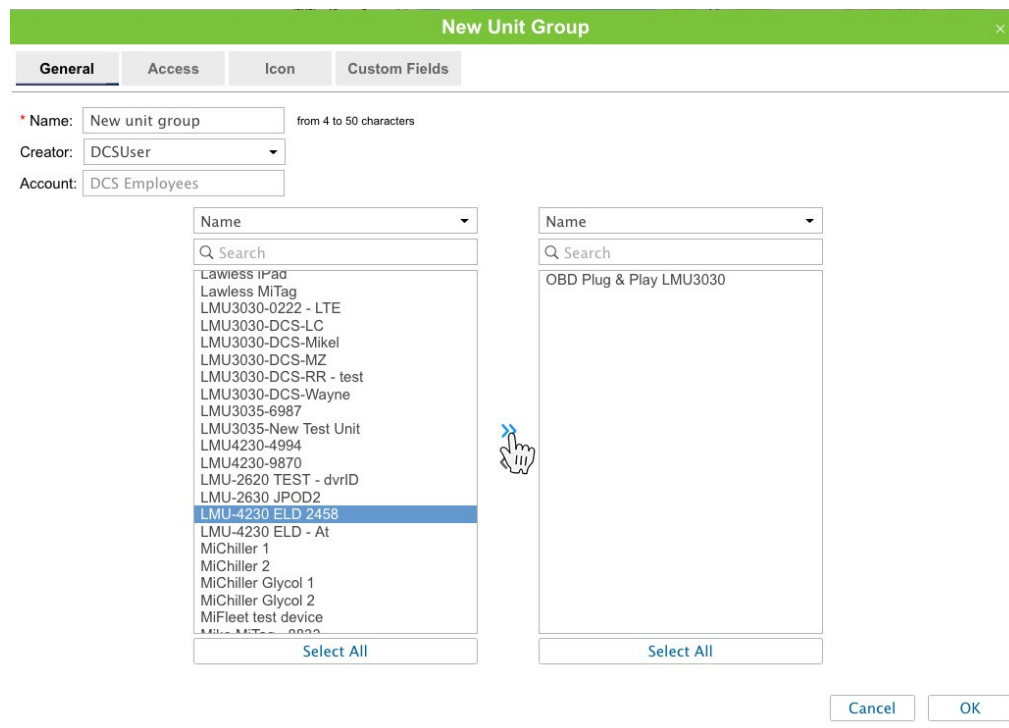
Min trip distance, feet:

Unit Groups

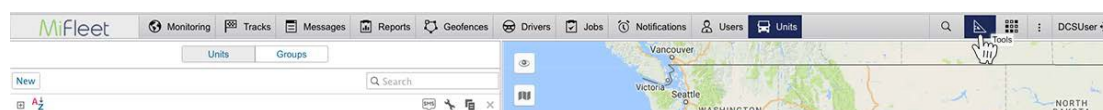


By Default, you will have a single Unit group, however as your fleet grows and the number of your devices grow, you can create more groups to keep the units organized.

To move a device to a unit, simply create or open up the group properties, find your device



Tools (Menu Item)



Track Player

After creating a track under the **Tracks** menu item, there is an option to play it back in real-time. Click on the Track Player title bar to move around the map, and use the player buttons to control playback options.

Track Player

OBD Plug & Play LMU3... (Tracks)

Gold Coast Dr 7924, San Diego, CA 92126, USA

0 mph

1x

⏮ ⏪ ⏩ ⏭

09-07-2017 12:41 am

Google Street View

7924 Gold Coast Dr

San Diego, California

[View](#)
[© 2017 Google](#)
[Terms of Use](#)
[Report a problem](#)

Parameters

Sensors

Ignition: Off	VIN: Unknown
Motion (Accelerometer): No Motion	Power State (OBD): Connected
Device Battery Status: Charged	Vehicle Speed (GPS): 0.00 mph
Vehicle Voltage: 12.52 V	Device Back Up Battery: 4.12 V
Trip Odometer (GPS): 0.44 mi	Idle Time (In Current Trip): Unknown
Max Speed (Trip): 25.34 mph	Vehicle Speed (OBD): 0.00 mph
Engine Speed (OBD): 524.00 rpm	Engine Coolant Temp (OBD): 91.00 °C
Odometer (OBD): 0.00 mi	Trip Odometer (OBD): 1.87 mi
Fuel Level Percentage (OBD): 43.92 %	Fuel Economy (OBD): 0.00 mpg
Engine Run Time (OBD): 0.00 h	Fuel Level Remaining (OBD): 0.00 gal
Fuel Rate (OBD): 0.59 gal/hour	Trip Fuel Consumed (OBD): 0.00 gal
Calculated Trip Fuel Usage (OBD): 0.12 gal	Average Fuel Economy (OBD): 15.05 mpg

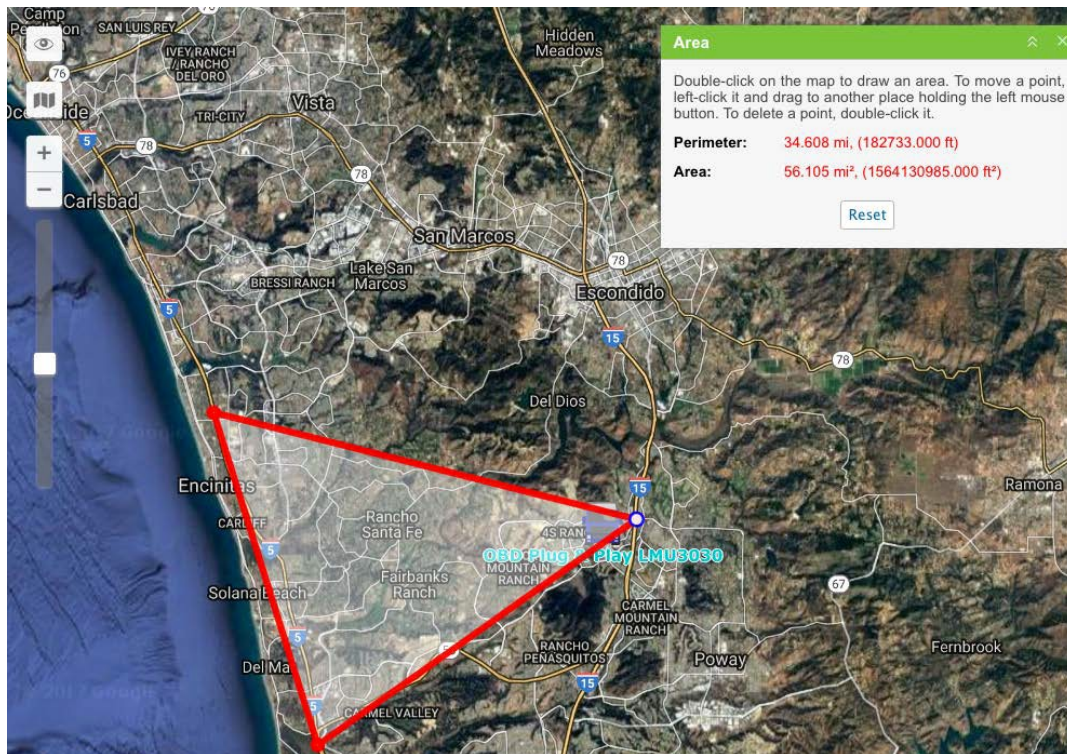
Distance

Calculate the distance between 2 or more points, just double click to create points.



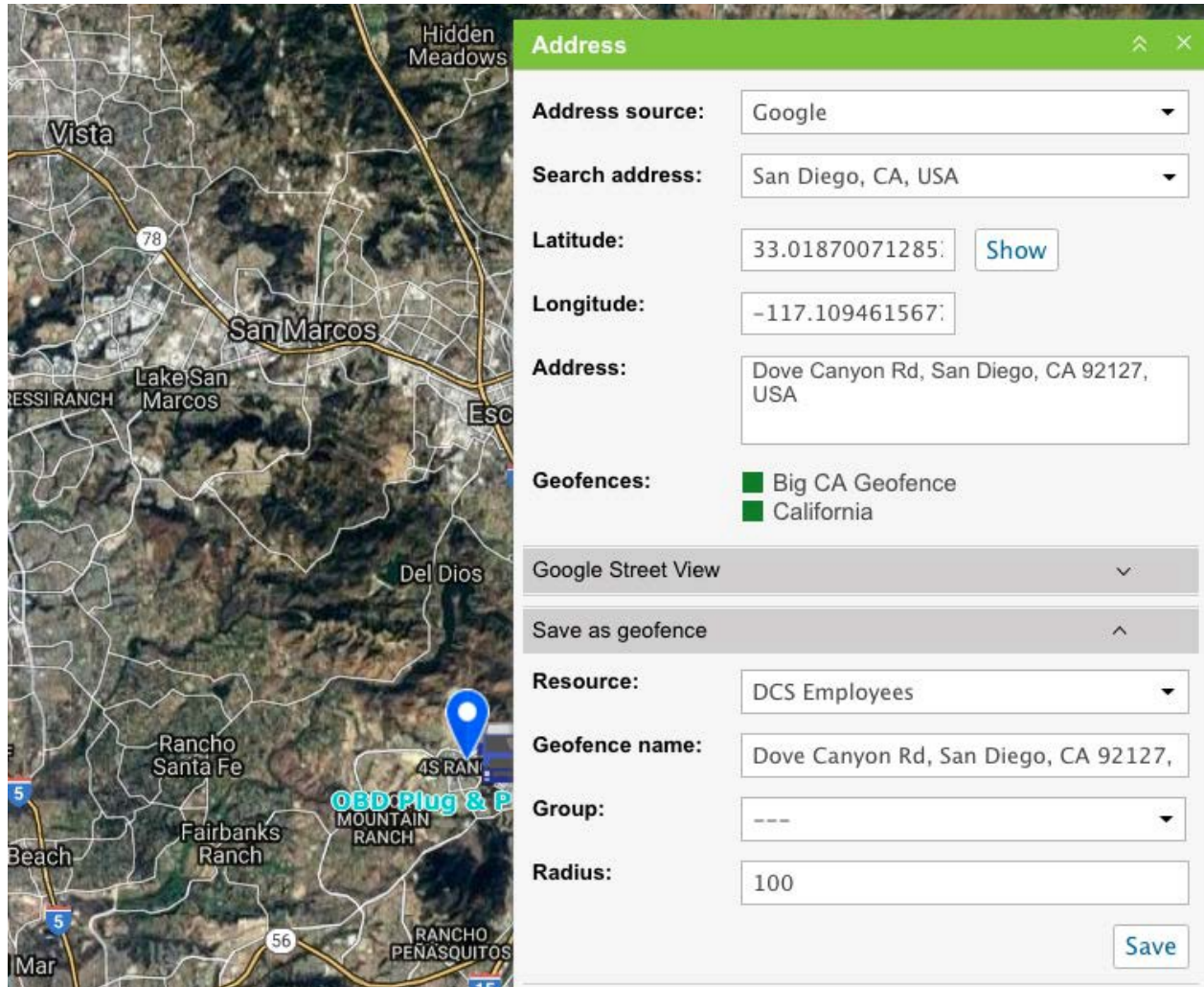
Area

Calculate the area between 3 or more points, just double click to create points.



Address

Double click anywhere on the map, and MiFleet will pinpoint the coordinates and the physical address. To save as a Geofence, simply expand the second section of the tool, create a name and select a radius for the Geofence.



Address

Address source: Google

Search address: San Diego, CA, USA

Latitude: 33.01870071285 [Show](#)

Longitude: -117.109461567

Address: Dove Canyon Rd, San Diego, CA 92127, USA

Geofences:

- Big CA Geofence
- California

Google Street View

Save as geofence

Resource: DCS Employees

Geofence name: Dove Canyon Rd, San Diego, CA 92127,

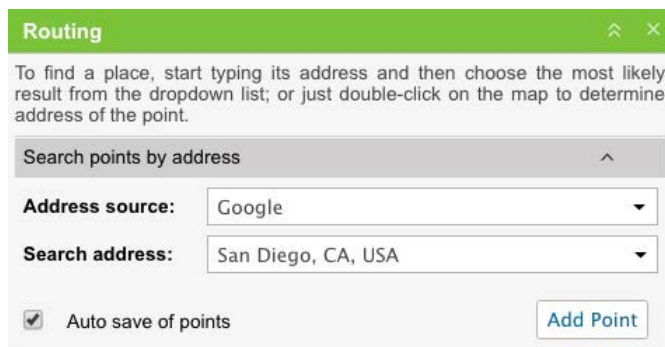
Group: ---

Radius: 100

[Save](#)

Routing

Just like in Google Maps, MiFleet allows for creating routes using Google's technology (Gurtam's service is also available). Select your addresses (autofill will help with resolving addresses and locations), Add Points.



Routing

To find a place, start typing its address and then choose the most likely result from the dropdown list; or just double-click on the map to determine address of the point.

Search points by address

Address source: Google

Search address: San Diego, CA, USA

☒ Auto save of points [Add Point](#)

Edit points, if needed

Points ^

☒ Use detected addresses as names for points

	No	Name	Radius	
↕	1	2466 Impala Dr, Carlsbad, CA 92010, U	164	✖
↕	2	9930 Mira Mesa Blvd, San Diego, CA 92	164	✖

Select your provider (Google or Gurtam) and your route options, and click on Calculate

Route parameters ^

Provider: Google

Options:

☐ Traffic

☐ Walking mode

☐ Avoid highways

☒ Route color

Info: 18.237 mi - 3 points

Calculate

Extra options, save as Geofence or Route to view later

Save as geofence ^

Resource: DCS Employees

Geofence name: New geofence

Group: ---

☒ Save key points only

Save

Calculate Route:

Routing ^ x

To find a place, start typing its address and then choose the most likely result from the dropdown list; or just double-click on the map to determine address of the point.

Search points by address

Points

Route parameters ^

Provider: Google

Options:

☐ Traffic

☐ Walking mode

☐ Avoid highways

☒ Route color

Info: 20.306 mi (30 min) - 330 points

Undo calculation

Save as geofence

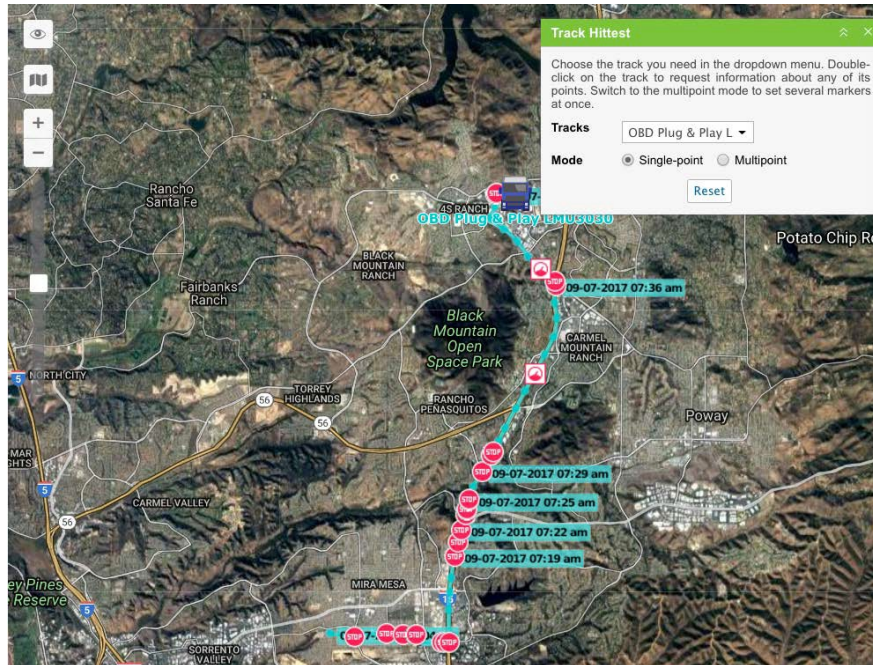
Save as route ^

Route name: New route

Save

Hittest (Tracks)

With a track already created, Hittest will pinpoint track data at certain points on a track



Nearest Units

In **Search address**, select your area/address, then select your other criteria, once found, a list of nearest units will generate

The screenshot shows the 'Nearest Units' search window. It includes a 'Search address' dropdown menu set to 'San Diego, CA, USA'. Below this are several filters: 'Number of units to show' (set to 5), 'Consider routing' (unchecked), 'Routing provider' (set to Google), 'Geofence' (set to All), and 'Data for last' (set to Anytime). At the bottom, there is a section for 'Nearest units' which is currently empty.

SMS

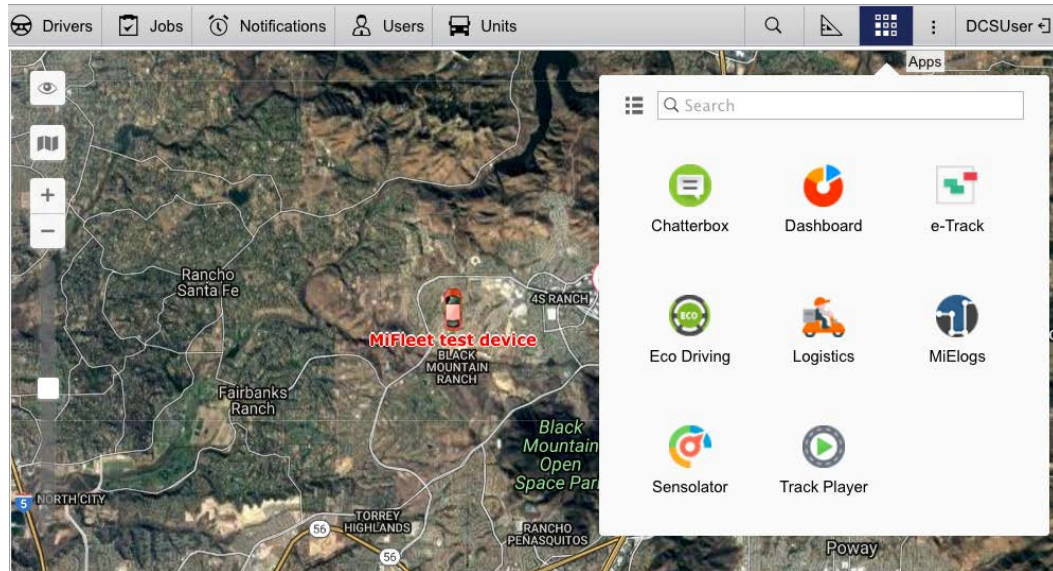
If available in the purchased plan, SMS allows sending an SMS (Short Message Service or text message) to one of your drivers.

The screenshot shows the 'Send SMS' window. It includes a 'Units' dropdown menu with a search bar. Below the search bar is a list of units: ATU-620 (+15419734916), ATU-620 TEST (+1217766...), LMU3030-DCS-LC (+2173...), LMU3030-DCS-Mikel (+21...), MiChiller 1 (+16146097682), and MiChiller Glycol 2 (+15333...). To the right of the unit list are fields for 'Phone number' (set to +15419734916) and 'Your message' (with a placeholder for LMU3030-DCS-LC (+2173909415)). At the bottom, there is a 'Send' button and a character count: '0 characters (0 SMS)'.

Applications

Dashboard

Included in your MiFleet subscription, is the Dashboard application. On the top right, click Apps and then Dashboard. This will open up the Dashboard application in a new window. (If it does not open, make sure that your Ad and Pop-Up blockers are turned off.)

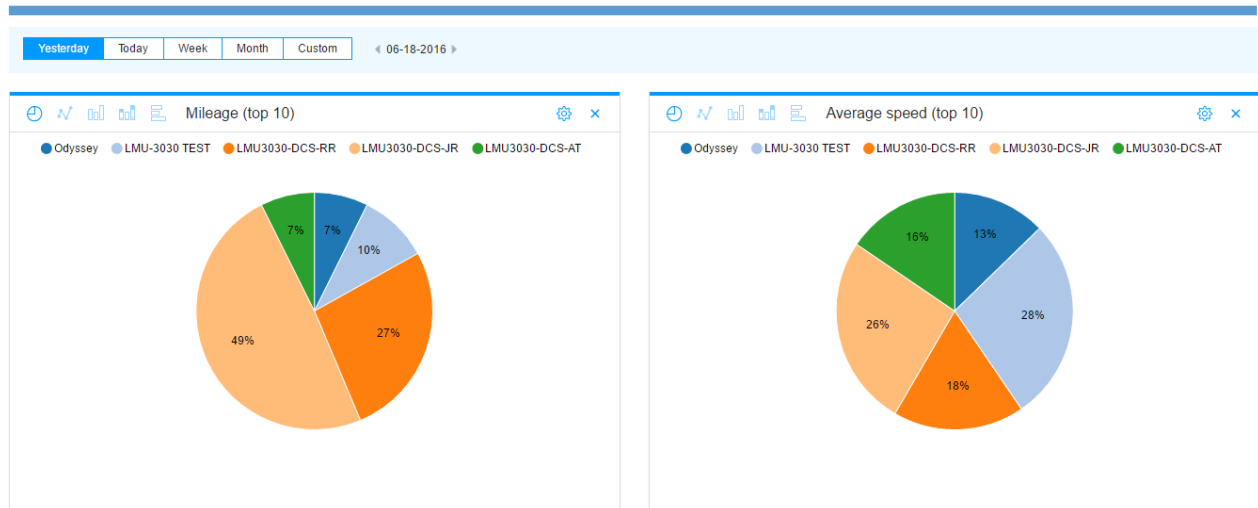


Here you can see all your units at the top of the window. Options to create a chart at the top right, and your charts will display below this.

Chart options include:

- Mileage
- Speed
- Engine hours
- Time intervals from one day to several months
- Types including, Pie, bar, and line graphs.

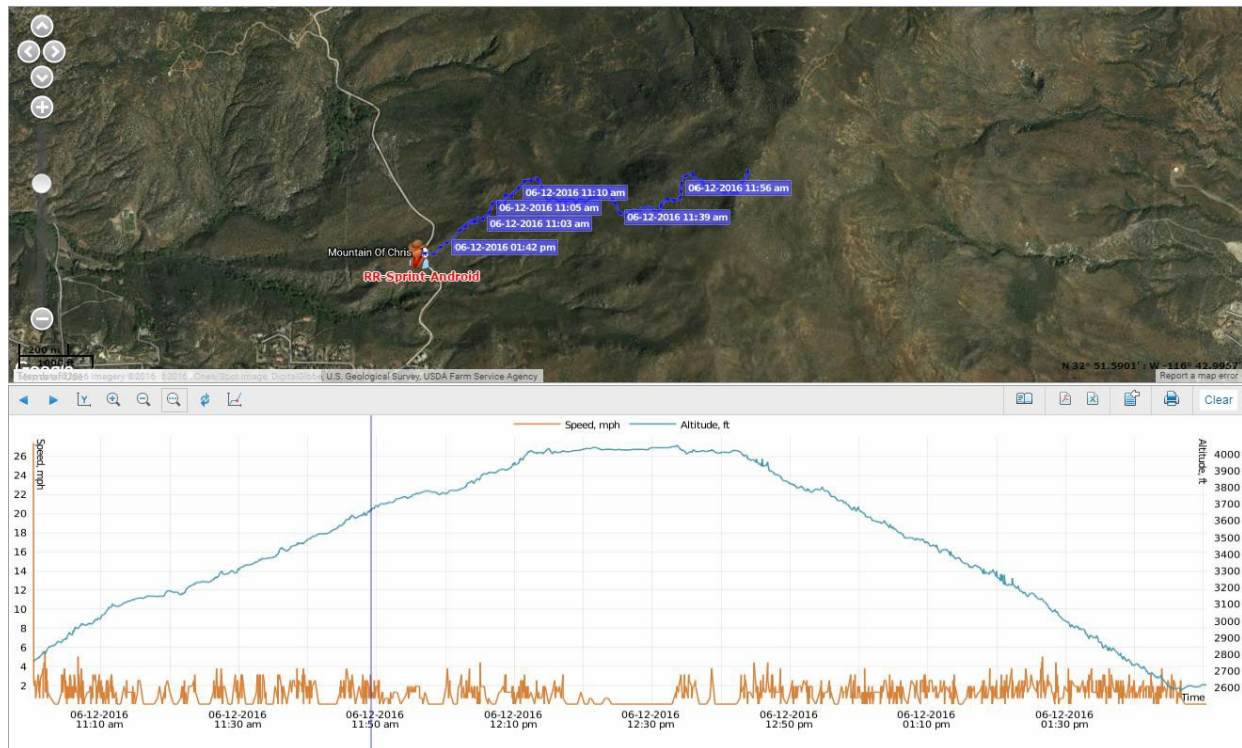
Dashboard							
Units							
#	Name	Location	Last message	Speed			
1	LMU3030-DCS-AT	30340 Haun Rd, Menifee, CA 92584	06-19-2016 08:23 PM	0 mph			
2	LMU3030-DCS-JR	Pacific Hwy, San Diego, CA 92101	06-19-2016 08:34 PM	11 mph			
3	LMU3030-DCS-RR	4924 Gallatin Way, San Diego, CA 92117	06-19-2016 05:53 PM	0 mph			
4	LMU3030-DCS-RR2	4924 Gallatin Way, San Diego, CA 92117	06-19-2016 05:16 PM	0 mph			
5	LMU-3030 TEST	3656 Harvard Dr, Oceanside, CA 92056	06-19-2016 08:09 PM	0 mph			
6	Odyssey	23504 Calistoga Pl, Ramona, CA 92065	06-19-2016 04:06 PM	0 mph			
7	Pilot	23504 Calistoga Pl, Ramona, CA 92065	06-19-2016 03:54 PM	0 mph			



Additional uses for MiFleet

Besides commercial vehicles, MiFleet can be used to track just about anything. Not only can it be used to track all types of work vehicles, but MiFleet devices can be used on cars, motorcycles, boats, or airplanes. In fact, you don't even need a motorized vehicle.

The GPS Tag app for Android and IOS allows you to track your phone or tablet using the MiFleet platform as well. It can be used for bicyclers, or even when walking around. Not only does it work in the city, but as you can see below, it will work in the mountains as well.



Support

We are always making changes and improving the MiFleet platform, as we make changes we will be updating this guide.

We greatly appreciate customer feedback. Please let us know if there is anything you would like to see added or changed to making your MiFleet experience better.

For questions, comments, feedback, and general support, please contact us as:

fleetsupport@mifleet.us

For sales support please contact:

fleetsales@mifleet.us

or

Call: 1-866-MiFleet