

**CalAmp iOn basic hard-wired Bundle with 2630 hardware** is a complete **all-inclusive** bundle used for tracking **Light Duty Cars, SUVs, and Trucks**, with zero upfront cost and simple pricing per vehicle, per month.

The system includes CalAmp's award winning iOn software with industry leading mapping, reporting, alerts and integration to most CAD systems and a host of law enforcement applications.

Benefits include improving deputy safety and reducing vehicle operating costs.

#### **Highlights of our all-inclusive offers:**

- Industry-leading LTE CalAmp AVL devices with diagnostic connections
- CalAmp iOn Telematics software platform
- Free on-site spare devices
- Free Unlimited live online training
- Life of contract hardware warranty
- Dedicated customer service and 24/7 support
- CalAmp initial installation included
- Integration with most law enforcement software included

#### **Our Commitment**

CalAmp has provided Automatic Vehicle Location (AVL) and telematics systems that work to the highest levels of performance, reliability, and scalability since 1990. We are one of the most experienced GPS vehicle tracking system providers in the industry and have manufactured millions of GPS units fielded throughout the world. **CalAmp has notable experience with government, almost every county in North Carolina currently uses CalAmp solutions in their school bus fleet and maintenance vehicles. One NC School district saves over one million per year using our solution.** CalAmp stands ready to continue to support our services and products for sophisticated government agencies with the high standards expected of the industry's leading manufacturer and provider of telematics technology.

#### **CalAmp iOn Telematics Solution**

CalAmp's iOn Telematics application incorporates mapping technology using Esri ArcGIS and is a hosted Web browser-based software as a service. Engineered and designed as an enterprise-level AVL solution, the CalAmp iOn Telematics system is a powerful tool for fleet managers and is uniquely effective for specific end-user departments (such as Public

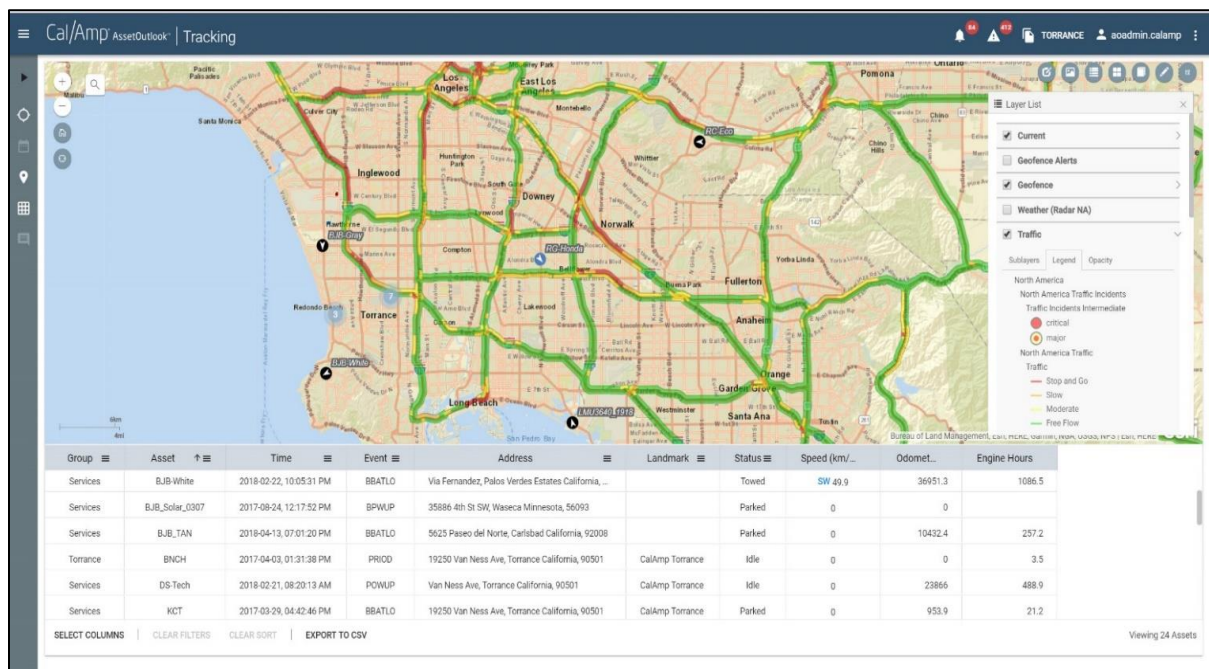
Safety). The CalAmp in-vehicle mobile units and CalAmp Telematics Cloud (CTC) are linked via two-way LTE wireless communications, allowing for timely data transmission between the field and software.

### **CalAmp Mobile Units**

The CalAmp iOn Telematics solution provides valuable AVL Management tools:

- Vehicle Utilization
- Identifying Vehicle Misuse, Unit Tampering and Fraud
- Real-Time Vehicle Tracking (map-based)
- Custom Reporting (breadcrumbing, tabular, scheduled, exportable)
- Real-Time Alerts (e-mail and text)
- Dashboarding (KPIs and trends)

The assignment of user-permission levels allows access to appropriate sub-sets of the installed functionality.



*Note: Your user interface may differ from screen shots provided.*

## Real-Time Vehicle Tracking

The CalAmp iOn Telematics application displays the current location and status of the vehicle fleet, along with address, landmark, and other attribute information, over your proprietary and publicly available Esri GIS map data. The use of a powerful Esri ArcGIS Server mapping along with the incorporation of vector map data allows for almost endless display and analysis possibilities.

The vehicle icons indicate (using colors, directional symbols, and labels) various vehicle attributes (such as ID, status, ignition, heading, etc.). All of the vehicle attribute data may be instantly queried and displayed in a pop-up box with a simple click. Further, collapsible information windows show in-depth data on the selected vehicle including usage, diagnostics, background info, and actionable tools.

**CalAmp iOn Tracking**

**82146 Current Status**

**82146 Moving** 11 mph

Meter Services - Vehicle  
Operator: Morris, John  
April 29, 2019, 1:10 PM  
4224 Emperor Blvd, Durham North Carolina, 27703 Street View

Age 2min  
IGNITION: On  
Engine Hours: 1.1 Odometer: 4918.6 mi  
Vbat(Int/Ext): /12.828V

LOCATE VIEW HISTORY FIND NEAREST

**Vehicle Utilization**

**Additional Info**

Asset	Name [ID]	82146 [196761]
Description		
Type	Vehicle	
Category	Status	Enabled
Install Date	11/02/18	
License, State	90320-T NC	
Year/Make/Model	2012 / Ford / F150	
VIN	D70078	
Device	Name [ID]	com_A674325220 [392019]
Type	Imx2630	
FSN	4674325220	
Status	Enabled	

Group	Asset	Time	Event	Event Type	Address	Landmark	Status	Speed (mph)
DWM Admin	11104	2019-04-29, 10:48:59 AM	GPS Acquired	GPSY	1600 Mist Lake Dr, Durham North Carolina, 27704		Parked	0
Water Cons...	11200	2019-04-29, 09:27:52 AM	Stop	STOP	1600 Mist Lake Dr, Durham North Carolina, 27704		Parked	0
Meter Serv...	11207	2019-04-29, 01:09:54 PM	Long Idle	LONG_IDLE	409 S Buchanan Blvd, Durham North Carolina, 27...		Idle	0
Meter Serv...	11208	2019-04-29, 12:07:29 PM	Ignition Off	IGOFF	3407 3rd Fork Rd, Durham North Carolina, 27707	PWOC	Parked	0
Meter Serv...	11236	2019-04-29, 06:12:08 AM	GPS Acquired	GPSY	3407 3rd Fork Rd, Durham North Carolina, 27707	PWOC	Towed	N 1
Outfall Main...	42237	2019-04-29, 11:47:10 AM	Ignition Off	IGOFF	Unnamed Street, Durham North Carolina, 27707	PWOC	Idle	0
Durham Dr...	43930	2019-04-29, 05:13:30 AM	GPS Acquired	GPSY	Uncomod Street, Durham North Carolina, 27707	Public-Moody Es...	Disabled	0

SELECT COLUMNS CLEAR FILTERS CLEAR SORT EXPORT TO CSV

Viewing 233 Assets

## Map Viewing Features

The CalAmp iOn Telematics Application displays the vehicle data in a “map window.” The map window can be set to display a particular area, region, or address, or to track a specific sub-set of the entire fleet (from the entire fleet to an individual vehicle). In CalAmp iOn Telematics the map display window possesses a full set of map manipulation and query functionality. Map manipulation tools and buttons are available to zoom, pan, and center the display on a particular vehicle or address. Additional tools are available to enable or disable labeling, and to adjust the map display according to user needs or preferences. Map query options include the ability to locate an address, vehicle, or landmark.

CalAmp iOn | Tracking

1711054 Current Status

1711054 parked

Eversource - Vehicle

April 27, 2019, 7:16 PM

Waltham Service Center

180 Calvary St, Waltham Massachusetts, 02453 - Street View

Age 14hrs 48min

IGNITION: OFF

Engine Hours: 191.0 Odometer: 7568.2 mi

Fuel Level: 64% Vbat(Int): 4.044V/12.464V

LOCATE VIEW HISTORY FIND NEAREST

Vehicle Utilization

Additional Info

Asset Name [ID]	1711054 [220570]
Description	
Type	Vehicle
Category	
Status	Enabled
Install Date	
License, State	
Year/Make/Model	
VIN	
Device Name [ID]	4674380219 [460518]
Type	Imu2630
ESN	4674380219
Status	Enabled

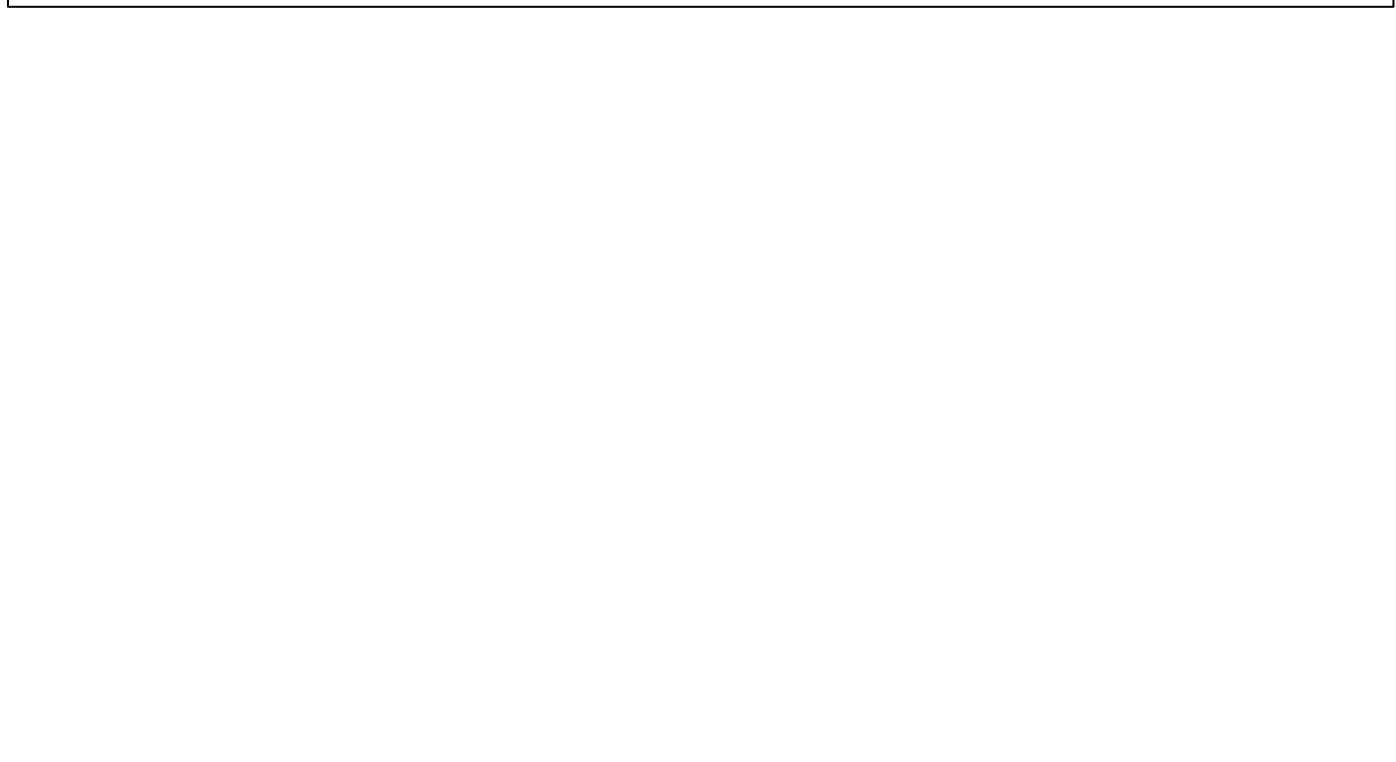
Engine Diagnostics

Asset	Time	Event	Odometer (VB...)	Vbat(Int)	Vbat(Ext)	Speed (V...)	IN1	Odometer (mi)	Engine Hours
1154341	2019-04-28, 09:38:09 AM	GPS Acquired	0	4.174	12.312	0	OFF	103559.1	8037.8
1511864	2019-04-27, 07:00:32 PM	Comm Up	10559	4.080	12.433	0	OFF	10559	81.7
1621296	2019-04-27, 04:25:32 PM	Comm Up	46784	4.048	12.572	0	OFF	46784	159
1621555	2019-04-28, 09:38:30 AM	Ignition Off	53988.6	4.105	14.004	0	OFF	53988.6	534.9
1657005	2019-04-27, 02:49:26 PM	GPS Acquired	24586.4	4.070	12.555	0	OFF	24586.4	4045
1711054	2019-04-27, 07:16:57 PM	GPS Acquired	7568.2	4.044	12.464	0	OFF	7568.2	191
1721155	2019-04-28, 09:41:46 AM	Alive	36117	4.120	13.488	0	OFF	36117	181
1721230	2019-04-28, 09:08:38 AM	Comm Down	18225.5	4.040	12.312	0	OFF	18225.5	159
1721972	2019-04-28, 09:17:35 AM	GPS Acquired	28126.7	4.102	12.068	0	OFF	28126.7	296.6

SELECT COLUMNS CLEAR FILTERS CLEAR SORT EXPORT TO CSV

Viewing 15 Assets

CalAmp iOn Telematics' Dashboard provides a quick view into the real-time status and trending of the utilization of your assets. The Dashboard presents Asset Utilization Range, Asset Utilization Trend, Asset Key Performance Indicator Ranking and Asset Key Performance Indicator Trend. The various dashboard charts can be configured to display data based on the user-defined criteria and updates automatically.



## Reporting Functions

The Reporting module can generate both extensive tabular and detailed graphical map breadcrumb reports using archived vehicle location and status data. Reports may be produced for selected vehicles (or groups of vehicles) according to time, location, and status criteria. The **breadcrumb reports** allow users to visually display or re-trace a vehicle's route and status and include the same map manipulation and query functionality as the real-time vehicle tracking displays. **Tabular reports** display unit location and activity in configurable, sortable, and filterable tables. Reports can be configured, saved, scheduled, etc. Such reports may be exported into virtually any format including .CSV and MS Excel files as well as scheduled and sent to any recipients.

### Reports

CalAmp iOn Telematics provides a highly customizable and flexible report module for generating reports to help you monitor asset operations and performance. The CalAmp iOn Telematics system comes with a suite of standard graphical and tabular reports that cover all the main vehicle activities that one would expect from an industry leading AVL system. After you generate a report, you can customize the look and feel, save, and schedule. You may want to filter or remove columns from the report, change the sort order or highlight actionable data. Once finalized, you may opt to display report data directly within CalAmp iOn Telematics or export to standard file formats such as PDF, Excel, or CSV.

We have spent years working with hundreds of fleet customers to refine our report offerings to encompass the most useful and important reports.

Some of the data in our standard reports are:

- Vehicle Activity, Travel & Stop
- Driver Performance, Over Speed
- Harsh braking/acceleration, Idle Reports
- Geo-fences Vehicle Inactivity
- Vehicle Usage (Mileage, Idle Time & Engine Hours)
- Sensor Reports (lights, sirens, emergency, etc.)
- Diagnostic Trouble Codes (if equipped)



## Sample Report List

### Asset Usage Reports

#### Asset Daily View

Basic utilization and usage data for selected assets for each day

#### Asset Summary View

Basic utilization and usage data for selected assets over a date range

#### Idle Detail Report

Details and duration of each idle event that occurred for assets over a date range

#### Idle Summary Report

Summary of all idle events over a date range for assets/operators

#### Maintenance Management Interface

Generate data for integration with maintenance management software

#### Vehicle Daily View

Basic vehicle usage data for selected vehicles for each day

#### Vehicle Metrics Analytics View Report

In-depth vehicle usage data for export to user pivot software

#### Vehicle Metrics Detail Report

In-depth vehicle usage data for each day

#### Vehicle Metrics Summary Report

In-depth vehicle usage data over a date range

#### Vehicle Summary View

Basic vehicle usage data over a date range

### Dashboard Charts

#### Asset KPI Ranking

Asset KPI bar chart

#### Asset KPI Trend

Asset KPI trend line

#### Asset Utilization Range

Asset Utilization pie chart

#### Asset Utilization Trend

Asset Utilization grouped bar chart

### Engine Diagnostic Reports

#### J1939 DTC View

DTC alerts for J1939 assets

#### J1939 Fault Lamp View

Fault lamp status for J1939 assets

#### OBD-II DTC View

DTC alerts for OBD-II assets

#### OBD-II MIL View

MIL status for OBD-II assets

### Exception Reports

#### Alert Notifications Report

Overview of alert notifications received

#### Device Communication

Device details and communication status

#### Device Input Report

Device input event details

#### Device Installation Report

Installation/configuration details for devices and their associated assets

#### Driver Vehicle History Report

History of operator assignment to assets over a date range

#### Invalid Keyfob Report

Displays usage of unregistered key fobs over a date range

#### Posted Speed Violation Detail View

Details of each posted speed violation that occurred

#### Posted Speed Violation Summary View

Summary of all posted speed violations over a date range for assets/operators

#### Tag Inventory Report

Associations and status of iOn tags

#### Towing Report

Towing Report

#### Unauthorized Usage Detail

Details of asset usage events outside of scheduled hours

#### Unauthorized Usage Summary

Summary of asset events and usage outside of scheduled hours

#### User Login Detail Report

Each user login attempt by iOn users

#### User Login Summary Report

User login count and latest login for iOn users

### Geofence Reports

#### Geofence Detail Report

Usage data for assets that passed through a geofence

#### Geofence Equipment Count Report

Snapshot of number of assets located in geofences by asset category/type

#### Geofence Event Report

Details of each geofence event

#### Jobsite/Landmark Summary Report

Usage data for assets that passed through a geofence over a date range and shown on a day-by-day basis

### Maintenance Reports

#### Maintenance History Report

Record of logged maintenance

#### Periodic Scheduled Maint Due Report

Record of upcoming scheduled maintenance

### Trip, Stop, Location Reports

#### Asset History Report

Details of each event that occurred for assets over a date range

#### Driver Scorecard Detail Report

Driver Scorecard Detail Report over a date range

#### Driver Scorecard Summary Report

Driver Scorecard Summary Report over a date range

#### Fuel Efficiency Detail View

Fuel efficiency over a date range by asset

#### Fuel Efficiency Summary View

Fuel efficiency over a date range by group

#### Input Usage Detail

Details for each instance of input usage over a date range

#### Input Usage Summary

Input usage data aggregated over a date range

#### Location Activity Asset List

Vehicles that have been to a location during a date range

#### Location Activity Event Details

Events that occurred in a location during a date range

#### Operator Performance Detail View

Operator performance metrics for each day

#### Operator Performance Summary View

Operator performance metrics over a date range

#### State Mileage Detail View

Distance traveled in each state by asset

#### State Mileage State Summary View

Distance traveled in each state for all assets in group

#### State Mileage Vehicle Summary Report

Distance traveled by each asset by state over a date range

#### Stop Detail View

Data for each stop event by assets/operators/routes

#### Stop Summary View

Stop event data for each asset/operator/route over a date range

#### Trip Detail View

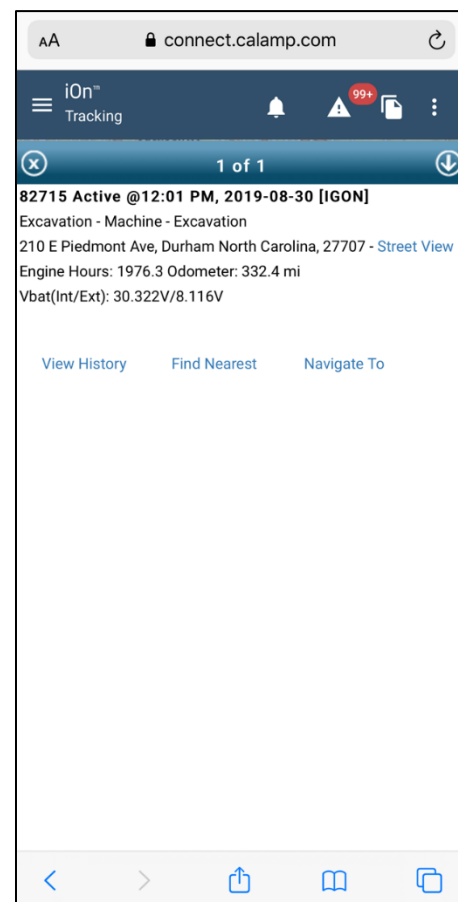
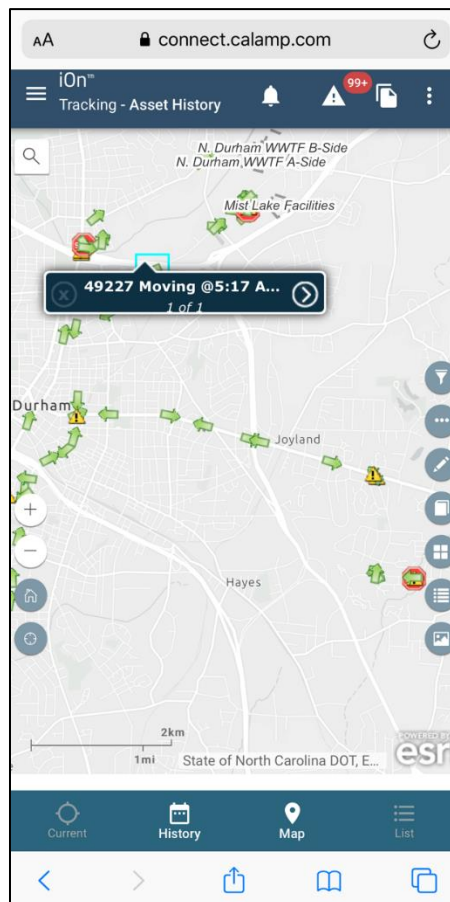
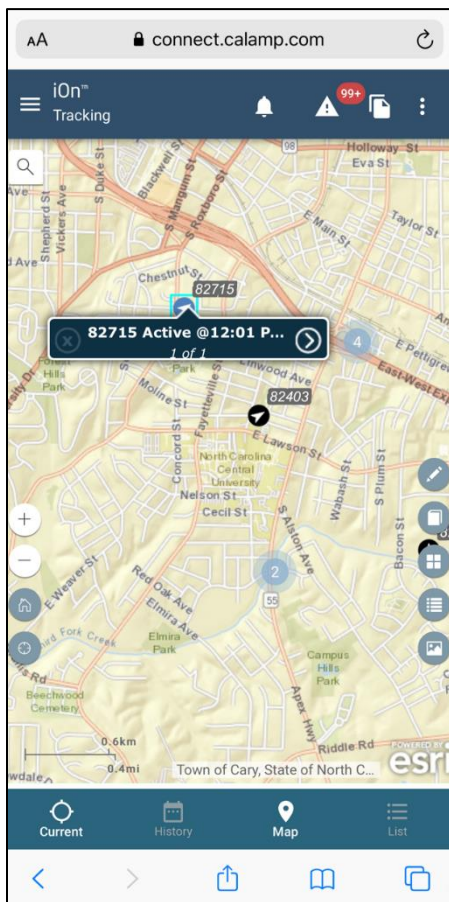
Data for each trip by assets/operators

## Mobile App- Mobile Device Compatible

The standard CalAmp iOn Telematics application can be accessed in any web browser including mobile phones and tablets.

Using the latest web programming technology (HTML5 Javascript) allows the application to automatically configure its menus, buttons, orientation, and font size to be user-friendly and navigated with any mobile device, screen size, or operating system.

- No cumbersome apps to download and constantly update.
- No compatibility or functionality issues between operating systems or device types.
- Major tracking functions of the system on any mobile device.





## Geo-Fencing

The CalAmp iOn Telematics Solution allows the user to set geo-fences on the map display. The geo-fences will create an alert and/or exception report when breached and will appear as another item of status data with each vehicle position report. Geo-fences can be created as polygons or a configurable radius from a specific point, as well as created from existing boundaries, landmarks or zones within your GIS.

Cal/Amp iOn | GeoFence Events

GeoFence Events

<input type="checkbox"/>	Group	Asset	Type	Landmark	Time	
<input type="checkbox"/>	Large Meter Testing	82149	Exited	PWOC	2019-10-10, 04:34 PM	
<input type="checkbox"/>	WDM Mechanic Shop	82201	Entered	PWOC	2019-10-10, 04:31 PM	
<input type="checkbox"/>	WDM Mechanic Shop	82201	Exited	PWOC	2019-10-10, 04:03 PM	
<input type="checkbox"/>	Excavation	82849	Entered	PWOC	2019-10-10, 03:34 PM	
<input type="checkbox"/>	Excavation	82845	Entered	PWOC	2019-10-10, 03:21 PM	
<input type="checkbox"/>	Meter Services	82124	Entered	PWOC	2019-10-10, 03:16 PM	
<input type="checkbox"/>	Meter Services	82124	Exited	PWOC	2019-10-10, 03:12 PM	
<input type="checkbox"/>	Excavation	82250	Entered	PWOC	2019-10-10, 02:52 PM	
<input type="checkbox"/>	Excavation	82042	Entered	PWOC	2019-10-10, 02:50 PM	
<input type="checkbox"/>	Excavation	82405	Entered	PWOC	2019-10-10, 02:50 PM	

GeoFence Events

Exited - PWOC

82149 | 10/10/2019, 4:34:00 PM

Active

Entered - PWOC

82201 | 10/10/2019, 4:31:52 PM

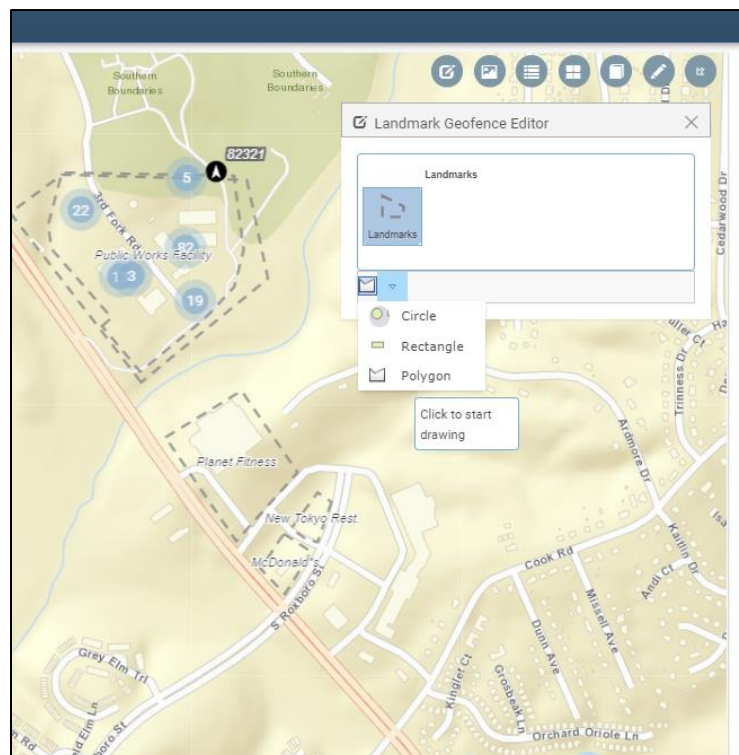
Active

Exited - PWOC

82201 | 10/10/2019, 4:03:00 PM

Active

GeoFence Events		
Exited - PWOC	82149   10/10/2019, 4:34:08 PM	Active
Entered - PWOC	82201   10/10/2019, 4:31:52 PM	Active
Exited - PWOC	82201   10/10/2019, 4:03:30 PM	Active



## Real-Time Alerts

The CalAmp iOn Telematics system allows authorized administrators extensive control over system features including alerts and alarms. The system can be configured to notify selected users when specific events occur with any of the vehicles. This includes geofences, idle, panic buttons, speeding, harsh driving, etc. Notifications can be sent as an e-mail, SMS, or to the alert screen on the software.

Cal/Amp Asset Outlook | Alerts

82

412

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eoadmin.calamp

Alerts

	Group	Asset	Alert	Time	Severity	Acknowledged	Actions
<input type="checkbox"/>	Development	MRH	MRH Ignition On Alert	2018-09-16, 07:57 PM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Ignition On Alert	2018-09-16, 07:57 PM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Office Geofence Alert	2018-09-16, 07:02 PM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Office Geofence Alert	2018-09-16, 07:02 PM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Ignition On Alert	2018-09-16, 07:01 PM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Ignition On Alert	2018-09-16, 07:01 PM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Office Geofence Alert	2018-09-16, 11:04 AM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Office Geofence Alert	2018-09-16, 11:04 AM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Ignition On Alert	2018-09-16, 11:01 AM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Ignition On Alert	2018-09-16, 11:01 AM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Ignition On Alert	2018-09-16, 10:38 AM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Ignition On Alert	2018-09-16, 10:38 AM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Office Geofence Alert	2018-09-16, 09:38 AM	LOW	No	
<input type="checkbox"/>	Development	MRH	MRH Office Geofence Alert	2018-09-16, 09:38 AM	LOW	No	

1 - 20 of 82

[<] < Page 1 of 5 > [>]

Items Per Page: 20

SLECT COLUMNS | CLEAR FILTERS | CLEAR SORT | EXPORT TO CSV | ACKNOWLEDGE SELECTED

REFRESH

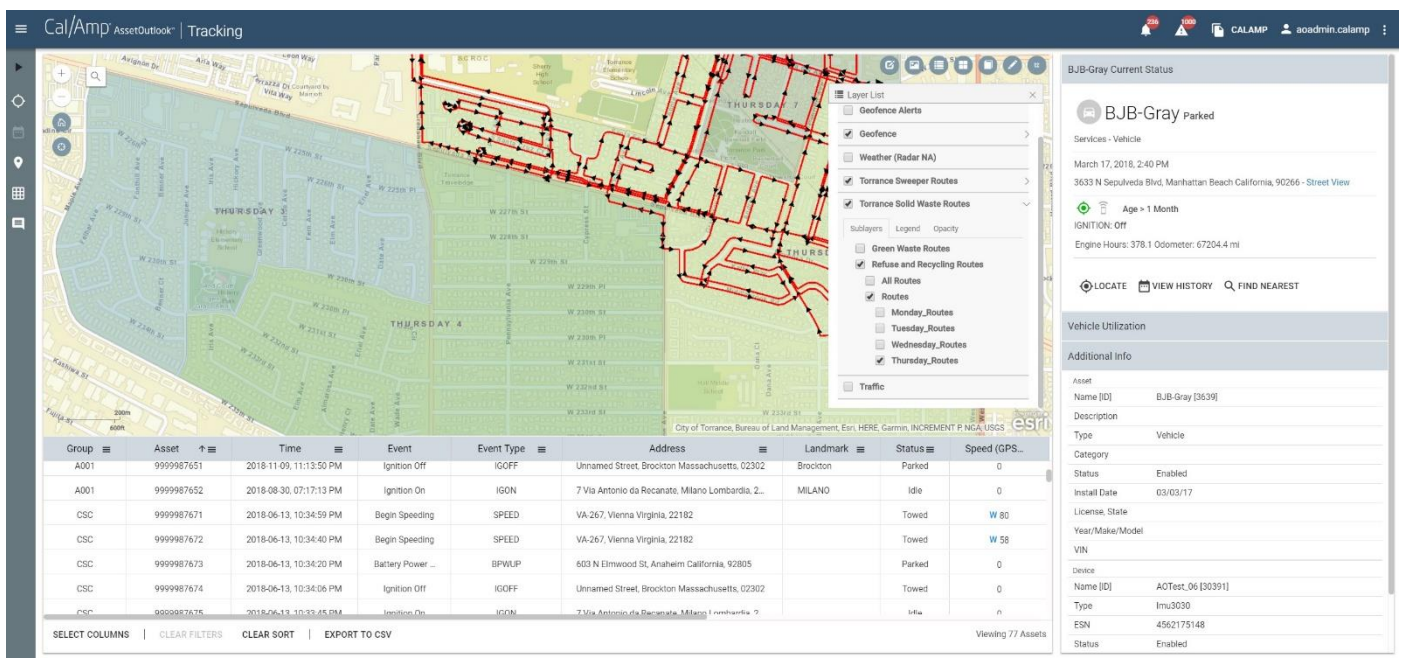
## Esri GIS Mapping

The CalAmp iOn Telematics mapping application is compatible with Esri ArcGIS Server, the mapping and GIS engine from Esri, the largest GIS software vendor in the world, and a pioneer of the technology. Their systems are in use throughout the world by utilities, governments, and large companies, in thousands of applications, which rely on analysis of spatially referenced data.



## Using YOUR Map Data

The CalAmp iOn Telematics system can use virtually any type of map data, and we provide updated worldwide maps, but our software can overlay our AVL information on your own Esri GIS maps WITHIN our application. CalAmp allows you to utilize your existing investment of time and labor that went into your Esri map data. The CalAmp iOn Telematics system displays real-time vehicle location and status data in relation to the infrastructure, assets, boundaries, updates, routes, parcels, landmarks, and other critical elements of your constantly changing GIS map data. CalAmp has extensive experience working with Esri data and environments in all forms (.shp files, SDE, etc.). As an option,



CalAmp can actually access your GIS map data in real time via Map Services.

*Example Zone and Turn by Turn Route Overlays*

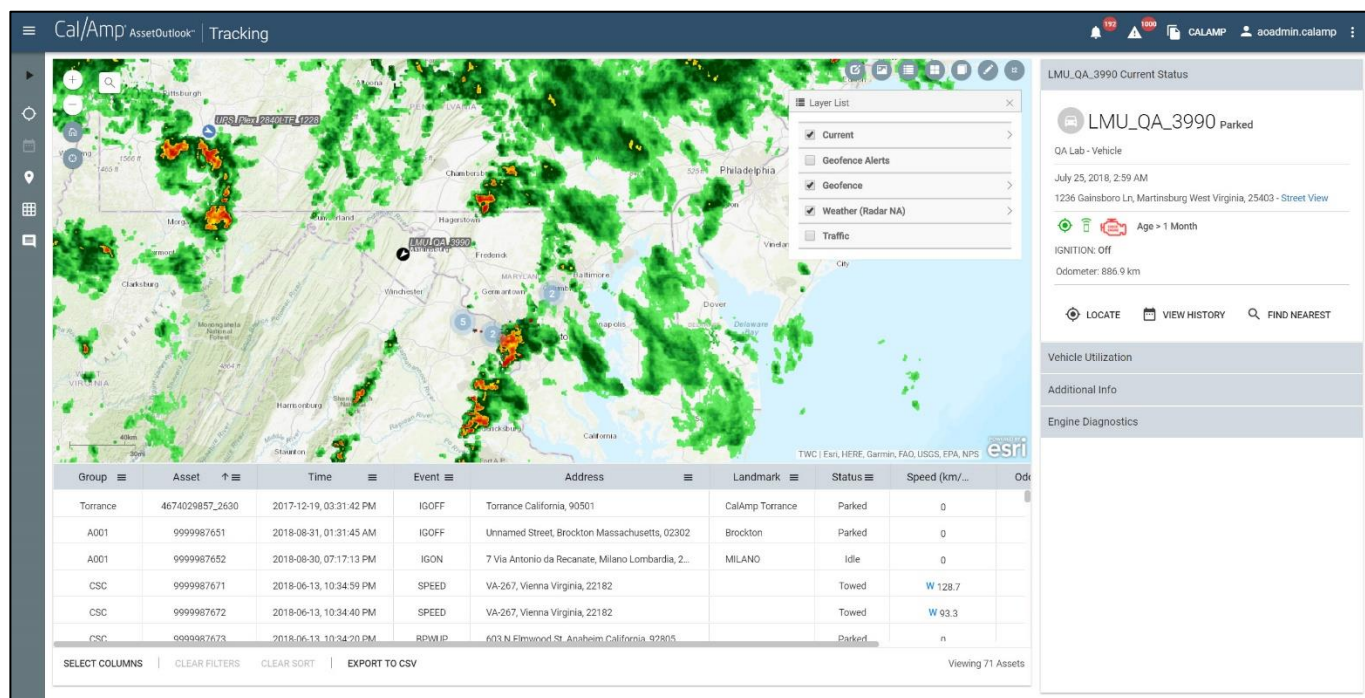
## Exchanging Data with GIS

In addition to bringing your GIS data into our AVL application in real-time, we can also provide AVL data outward to your GIS, or any Esri GIS based application using a variety of interface protocols such as Map Services and Esri GeoEvent Server.

## External Data Overlays

Because of our powerful universally used Esri GIS mapping technology, we can display external data from other map data sources as an option. Data can come from your own GIS sources or external sources and used as a layer in our AVL mapping. Some examples of these sources/feeds are:

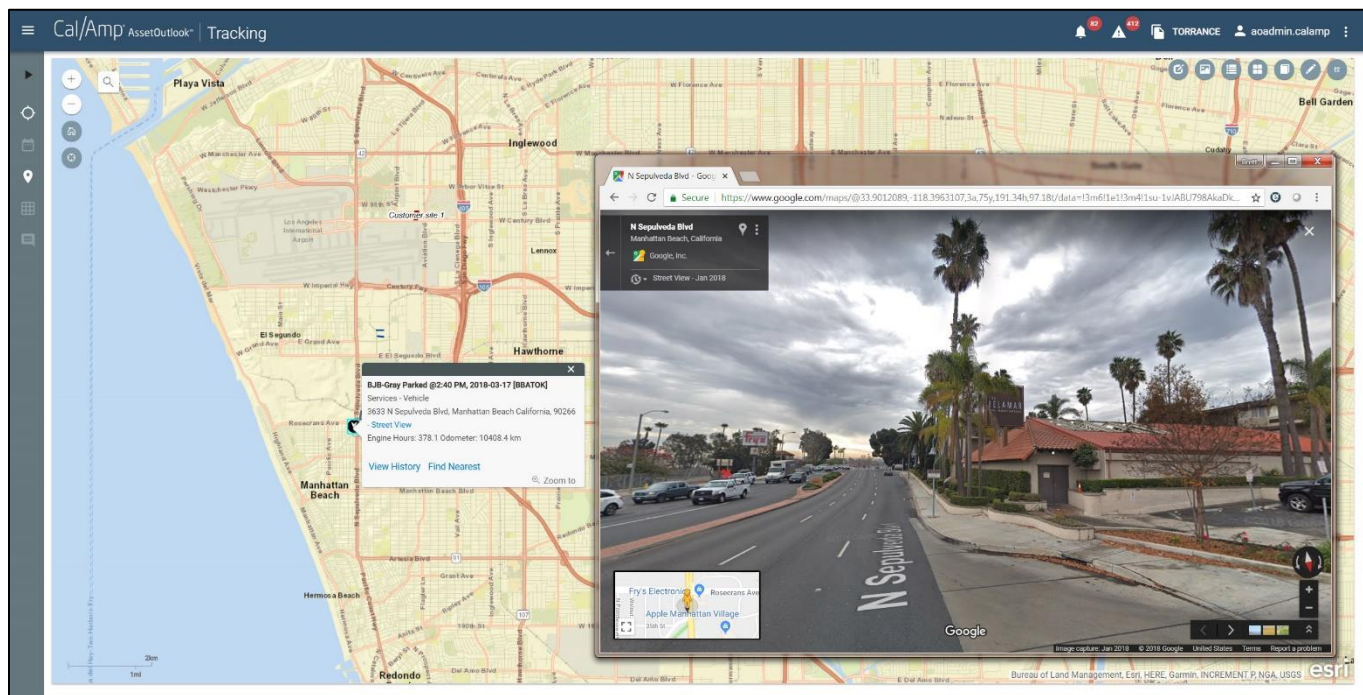
- Real-Time Weather
- Real-Time Radar
- Real-Time Traffic





## Google Maps Street View Tool

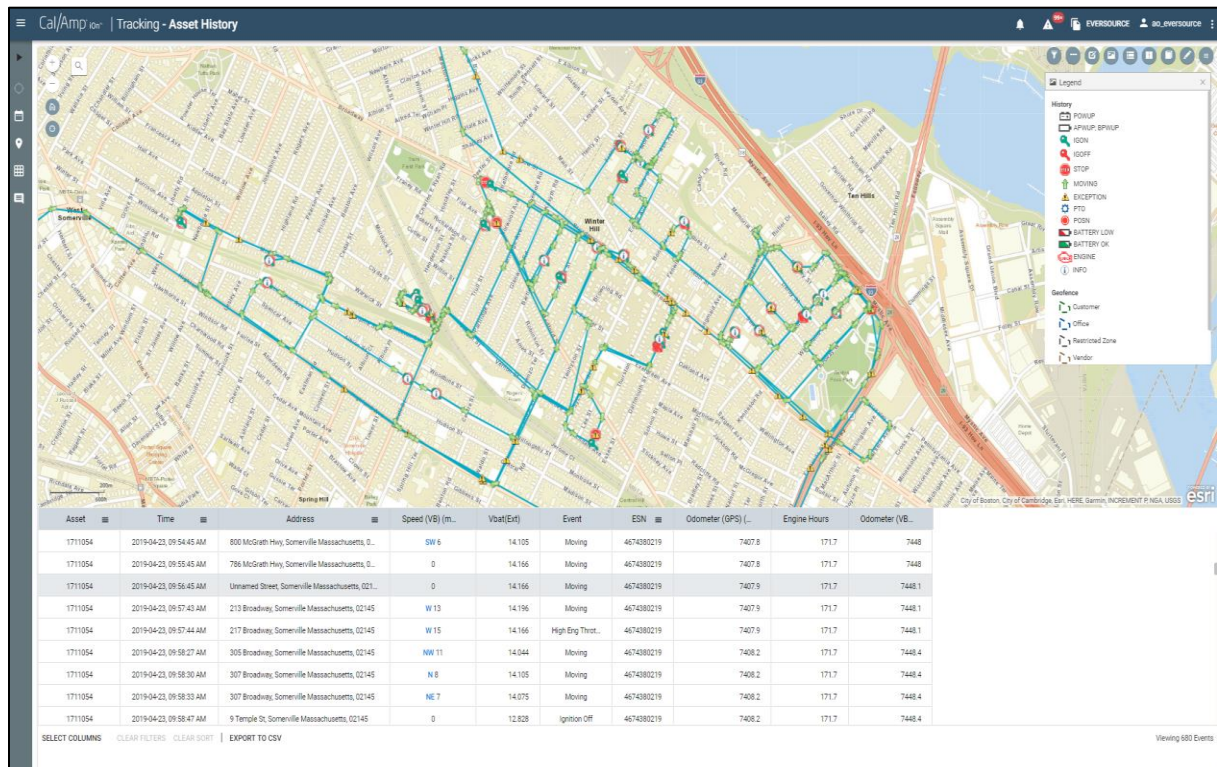
The CalAmp iOn Telematics system has a feature that leverages the highly useful Google Maps Street View tool from the CalAmp iOn Telematics system interface. This CalAmp Google Street View Tool allows the user to click anywhere on the GIS map data within the CalAmp iOn Telematics Map window, and CalAmp iOn Telematics will hyperlink that location to a new pop-up window showing the Google Maps Street View of that exact location. This function allows the CalAmp iOn Telematics user to see the typical real world surroundings of a specific place from their GIS. The Google Maps Street View shows images of the area recently captured (not real-time) by Google's mobile cameras. It allows the users to see things like buildings, road signs, lanes, businesses and other permanent structures that exist at that location that their GIS data does not have.





## Historical Breadcrumb Replay Feature

The CalAmp iOn Telematics system allows you to see a historical breadcrumb and replay of any portion of a vehicle, or group of vehicles, activity history. Controls let you play, pause, rewind, and fast forward the replay allowing you to watch the vehicles' movement and behavior including location, device activities, alerts, status changes, events, etc. Each breadcrumb icon represents a vehicle position/event and all its underlying data including address, direction, speed, and status. Breadcrumb icons can represent various statuses and events, such as ignition off/on, or a device is activated (broom, plow, armature, PTO, etc.).



## Report Examples

Cal/Amp AssetOutlook® | Reports

Options

Assets

Available: 10 Selected: 1

Search list...

B/B-Gray  
B/B-White  
B/B-TAN  
B/MCH  
D5-Tech  
KCT  
LMU3640\_1918  
MRH  
RC-Eco  
R5-Honda

☒ All ☐ None ☒ Invert

☒ Include Inactive Assets

Vehicle Daily View

Data refreshed 2018-09-17 at 19:25:17

Vehicle Daily View

From Date: 2018-09-10 00:00:00 - To Date: 2018-09-16 23:59:59

Group Name	Date	Asset Name	Asset Type	Asset Category	Distance Driven (Miles)	Total Stops	Engine On Time (Hrs)	Total Idle Time (Hrs)	Idle % of Engine Time	Initial On Time Stamp	Last Off Time Stamp	Asset Time Zone
Development	2018-09-10	MRH	Vehicle		0.0	0	0.0	0.0	0.0			America/Los_Angeles
Development	2018-09-11	MRH	Vehicle		4.2	4	0.2	0.1	30.7	2018-09-11 12:24:50 PM	2018-09-11 09:22:01 PM	America/Los_Angeles
Development	2018-09-12	MRH	Vehicle		87.6	4	2.5	0.5	19.1	2018-09-12 11:58:44 AM	2018-09-12 08:50:40 PM	America/Los_Angeles
Development	2018-09-13	MRH	Vehicle		91.7	4	1.8	0.3	14.1	2018-09-13 11:23:59 AM	2018-09-13 09:29:57 PM	America/Los_Angeles
Development	2018-09-14	MRH	Vehicle		0.0	0	0.0	0.0	0.0	2018-09-14 07:34:01 AM	2018-09-14 07:35:08 AM	America/Los_Angeles
Development	2018-09-15	MRH	Vehicle		3.9	2	0.2	0.0	27.6	2018-09-15 06:52:01 PM	2018-09-15 08:23:35 PM	America/Los_Angeles
Development	2018-09-16	MRH	Vehicle		11.6	7	0.9	0.5	35.9	2018-09-16 09:36:40 AM	2018-09-16 08:01:58 PM	America/Los_Angeles

Cal/Amp AssetOutlook® | Reports

Options

Categories

Available: 2 Selected: 0

Search list...

N/A  
N/A

☒ All ☐ None ☒ Invert

Names

Available: 20 Selected: 1

Search list...

B/B-White

Trip Detail View

Data refreshed 2018-09-17 at 19:41:28

Trip Detail View

From Date: 2018-09-13 00:00:00 - To Date: 2018-09-14 23:59:59

Group	Asset Name	Asset Type	Asset Category	Trip Start Location	Starting Location Landmark	Starting Landmark Category	Start Time	Trip End Location	Destination Landmark
Development	MRH	Vehicle		718 Garnet St. S. Inna Ave. Los Angeles, California, Redondo Beach			2018-09-13 11:28:23 AM	87 Pacific Alton Pkwy Orange, California Irvine 92618, US	
Development	MRH	Vehicle		2050 W 150th St. Grangercy Pl. Los Angeles, California, Torrance			2018-09-13 11:38:02 AM	87 Pacific Alton Pkwy Orange, California Irvine 92618, US	
Development	MRH	Vehicle		1405 27 Ave. Los Angeles, California, Long Beach 90815, US			2018-09-13 11:48:54 AM	87 Pacific Alton Pkwy Orange, California Irvine 92618, US	
Development	MRH	Vehicle		1405 158 Orange, California, Huntington Beach 92647, US			2018-09-13 11:58:30 AM	87 Pacific Alton Pkwy Orange, California Irvine 92618, US	
Development	MRH	Vehicle		1405 4 Orange, California, Inverness 92612, US			2018-09-13 12:08:30 PM	800 S Prospect Ave S Maria Ave Los Angeles, California, Redondo Beach	
Development	MRH	Vehicle		85 Pacific Gateway Blvd. Orange, California Irvine 92618, US			2018-09-13 07:41:33 PM	800 S Prospect Ave S Maria Ave Los Angeles, California, Redondo Beach	
Development	MRH	Vehicle		1405 7 Orange, California, Inverness 92612, US			2018-09-13 07:48:01 PM	800 S Prospect Ave S Maria Ave Los Angeles, California, Redondo Beach	

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Options

Search list...

JRC OPERATOR TYPE  
MRH OPERATOR TYPE  
RG OPERATOR TYPE

☒ All ☐ None ☒ Invert

Operator Category

Available: 3 Selected: 0

Search list...

Operator Performance Summary View

Data refreshed 2018-09-17 at 20:18:02

Operator Performance Summary View

From Date: 2018-09-13 00:00:00 - To Date: 2018-09-16 23:59:59

First Name	Last Name	Active Days	Work Stops	Total Stops	Total Stop Time	Total Idle Time	Engine Hours	Distance (Miles)	# Speeding Events	Rapid Acceleration Events	Hard Braking Events	Hard Cornering Events	Time Zone
Mark	Holworth	7	7	16	11h:53m	0h:49m	1h:41m	25.1	0	3	0	1	America/Los_Angeles

Cal/Amp AssetOutlook® | Reports

Options

Assets

Available: 20 Selected: 20

Search list...

B/B-Gray  
B/B-White  
B/B-TAN  
B/MCH  
D5-Tech  
KCT  
LMU3640\_1749  
LMU3640\_1918  
LMU4225\_2832

☒ All ☐ None ☒ Invert

☒ Include Inactive Assets

\* Reporting Interval

Last 7 days

From Date

To Date

\* Days Filter

☒ None  
☐ Exclude Weekends  
☐ Exclude Sundays

\* Unit of Measurement

US

Apply Reset

Vehicle Summary View

Data refreshed 2018-09-17 at 20:46:25

Vehicle Summary View

From Date: 2018-09-10 00:00:00 - To Date: 2018-09-16 23:59:59

Group Name	Asset Name	Active Days	Distance Driven (Miles)	Total Stops	Engine On Time	Total Idle Time	Avg. Initial On Time	Avg Last Off Time	Asset Time Zone	Ending Odometer (Miles)	Last Reported Location	Geofence
Development	RC-Eco	2	0.0	0	0.0	0.0			America/Los_Angeles	121335.8		
Development	R5-Honda	7	93.9	31	5.8	2.5	12:43 PM	05:40 PM	America/Los_Angeles	45592.6		
Development	MRH	7	198.9	21	5.9	1.7	11:58 AM	06:37 PM	America/Los_Angeles	39539.5		

CalAmp is happy to offer an in-depth analysis of your organization and provide a comprehensive solution that best meets your needs. Please reach out to me directly for any other information.

**Peter *Nemeth***  
**SE Regional Manager**  
**Municipal Government**

Cal/Amp®

954 907 1493- Mobile  
[PNemeth@CalAmp.com](mailto:PNemeth@CalAmp.com)