FleetOutlook® Winter 2012 Release Notes

Version 7.3

Last Updated: November 15, 2012

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Introduction

The FleetOutlook Winter 2012 Release Notes outline the new and improved features available in FleetOutlook 7.3. Depending on your FleetOutlook user profile, you may not have the appropriate permissions to access all of the features.

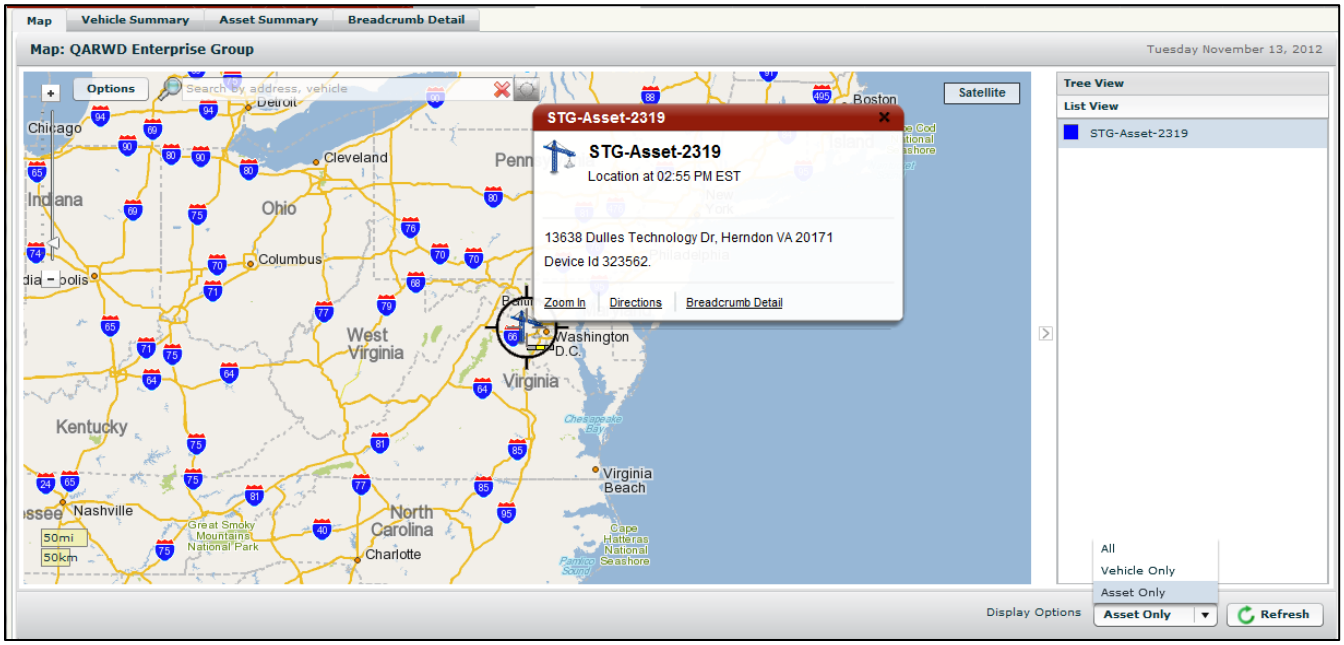
To download the comprehensive FleetOutlook User Guide and FleetOutlook Admin User Guide, log on FleetOutlook, select the Support tab, and then select the User Manuals sub-tab.

What's New in FleetOutlook 7.3 - Overview

- Improved Dashboard Configuration Screen
- Exclude Vehicle Categories Added to Several Dashlets
- Improved Work Flow Consistency
- Minor enhancements to the Vehicle Maintenance Module
- New Second Driver Category
- Unlimited Landmark Size
- Updates to FleetOutlook Reports
- Export Incomplete Data to Excel

Reporter A7 Device and Asset Tracking – New Feature Set

Introducing the Reporter A7, a complete asset tracking and communication device incorporating next-generation, super-sensitive GPS technology on GPRS or CDMA cellular networks for installation in any unpowered mobile asset. FleetOutlook 7.3 supports complete asset tracking on maps and breadcrumb detail as well as alerts for movement and low battery. The new Asset Location History report provides a chronological list of all events reported for each asset during a specified reporting interval. For more information, contact your sales representative or customer care.



Dashboard Enhancements

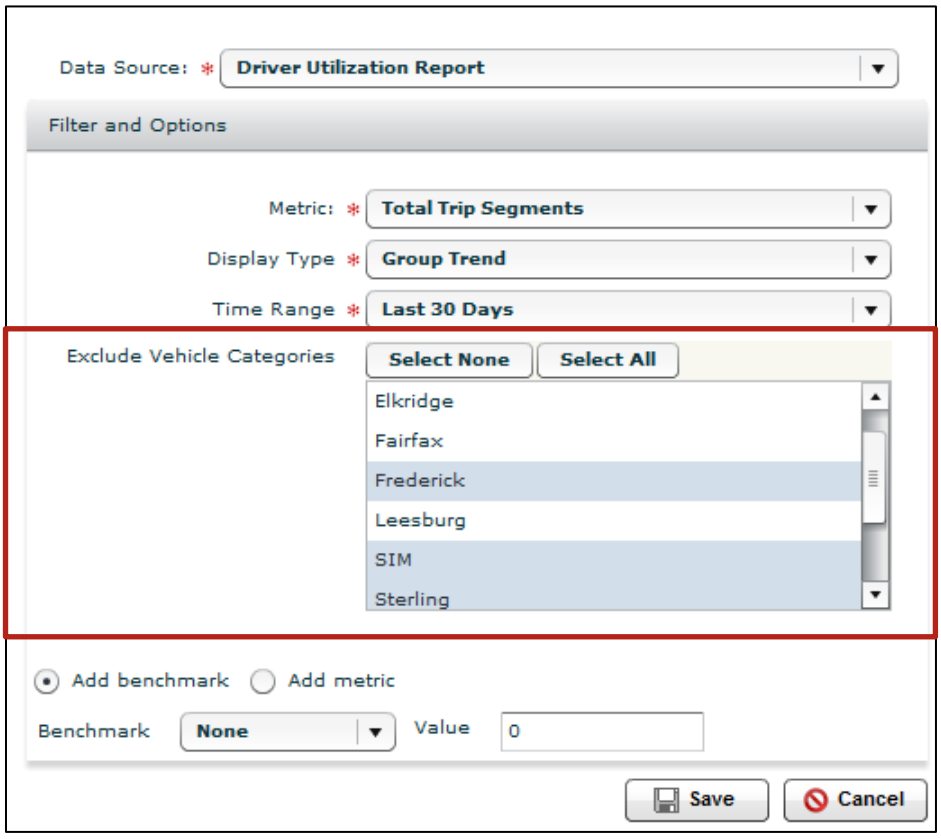
Included in the 7.3 Release is an expanded configuration screen to make setting dashlet parameters more efficient and a vehicle category filter for metric dashlets to control which vehicles are included in your data set.

Exclude Vehicle Categories

Three Dashboard dashlets now include a new field to allow you to filter the results by vehicle category. The Exclude Vehicle Categories field has been added to the Driver Performance dashlet, Driver Utilization dashlet and the Vehicle Metrics dashlet. This field is useful for fleet supervisors monitoring high idle and do not want to include vehicle categories, such as bucket trucks, that are allowed higher than normal idling.

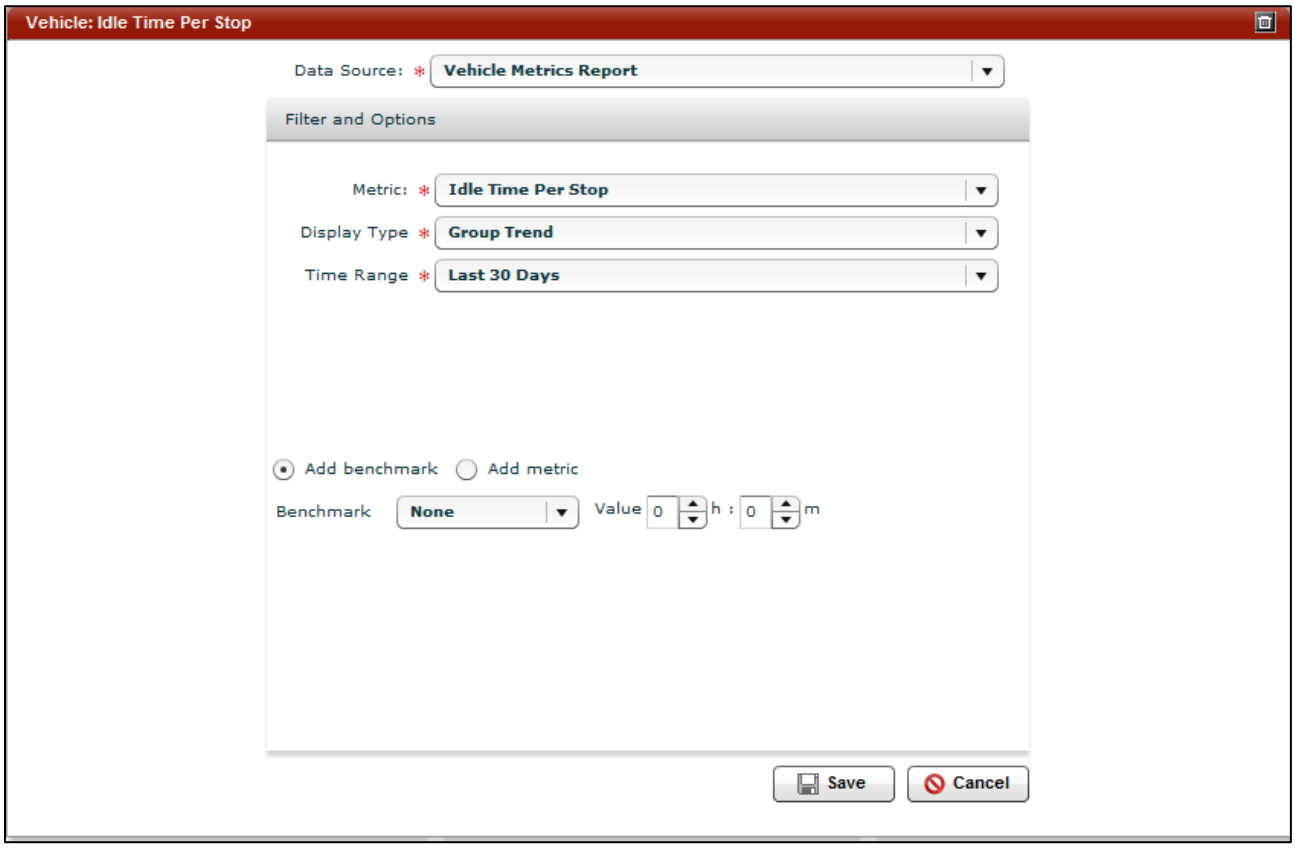
You can select one or more categories from the Exclude Vehicles Category drop-down list. To select non-adjacent categories, hold the Ctrl key and select each category. To select adjacent categories, select the first category, hold the Shift key and select the last category.

Note: If you have multiple metrics configured on a single dashlet, the excluded vehicle categories are filtered from both metrics.



Improved Configuration Screen

When you edit a dashlet, the configuration screen now always opens in maximized mode regardless of the current display. The maximized configuration screen allows you to set dashlet parameters easier and faster. After setting and saving the dashlet parameters, FleetOutlook automatically restores the dashlet to its previous size.

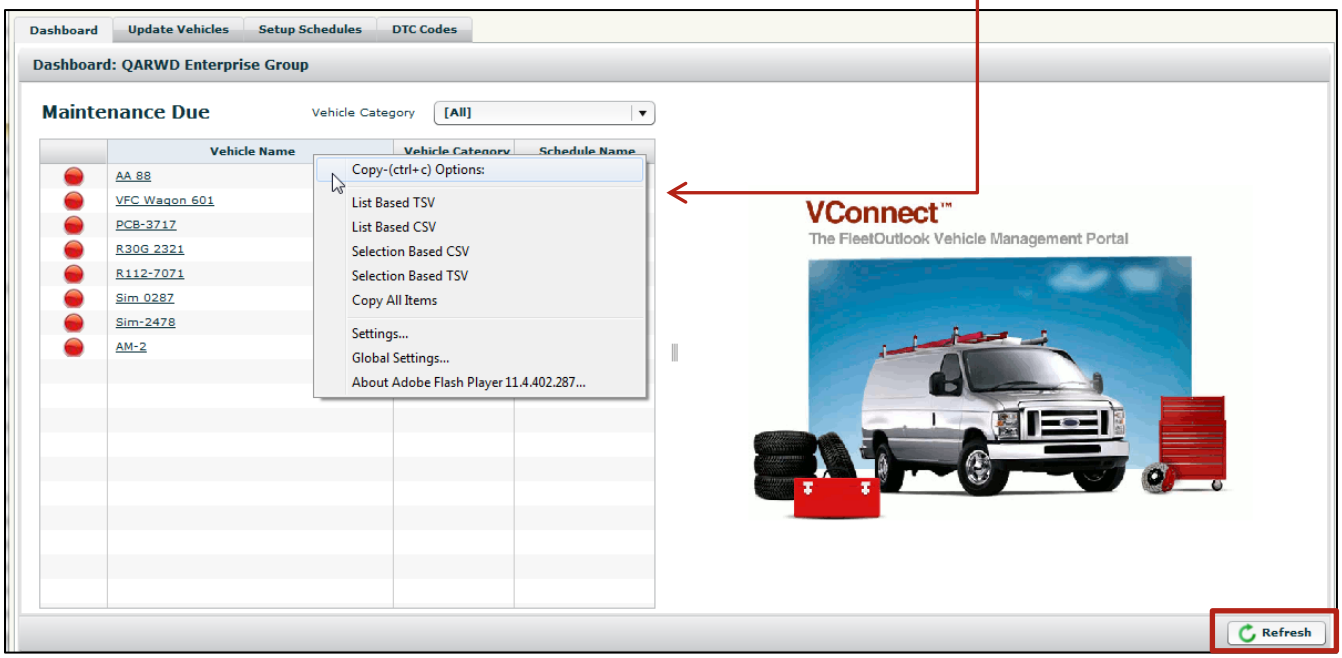


Vehicle Maintenance Module - Updates

The 7.3 release includes minor updates to the Vehicle Maintenance Module. These updates support a consistent work flow throughout the FleetOutlook modules.

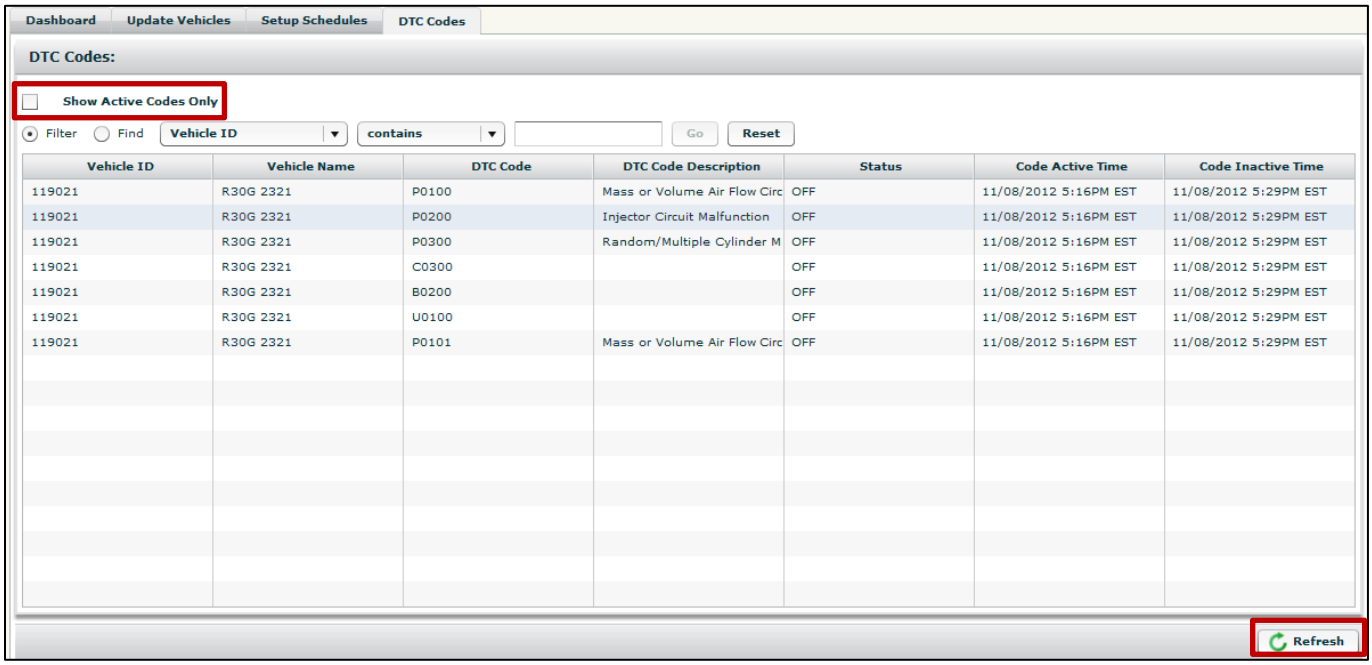
Dashboard and Update Vehicles Tabs

The Refresh button on the Vehicle Maintenance Module's Dashboard and Update Vehicles tabs now mirrors the Refresh button available throughout FleetOutlook. The Dashboard has a cleaner look with the removal of the Copy button and the CSV Instruction button. To copy data from a FleetOutlook list, right-click on a column header and select copy from the shortcut menu.



DTC Codes Tab – Updated

The DTC Code tab now contains a field to quickly filter the DTC Codes list to only show active codes. A Refresh button is also now located at the lower right corner of the screen. Refreshing is helpful to customers who do not have an automatic refresh interval specified.



FleetOutlook Admin Updates

The primary focus of updates to FleetOutlook Admin in the 7.3 release is asset tracking based; however, minor enhancements include providing a second driver category and landmark improvements.

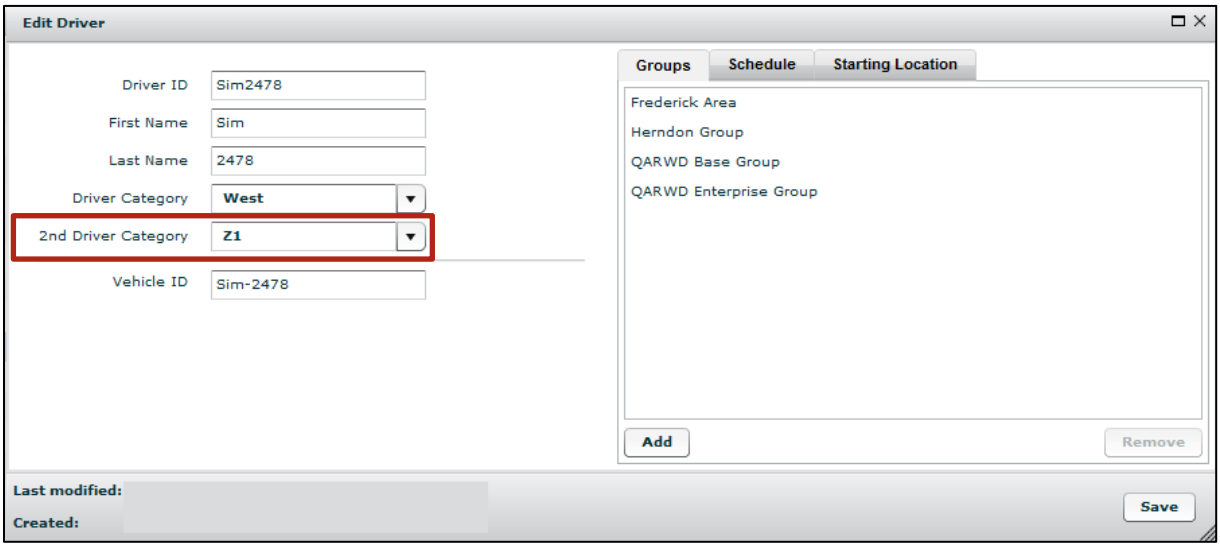
Second Driver Category

The Second Driver Category field allows you to identify a driver by multiple categories providing a robust and flexible analysis in the report module. You can add a second category to any driver from within FleetOutlook Admin, from the Manage Resources tab in FleetOutlook or through the driver bulk upload template.

Drivers tab – FleetOutlook Admin

From within FleetOutlook Admin, select the Drivers tab. From the Driver (Add or Edit) dialog box, select a second driver category from the drop-down list of previously created categories or create a new category.

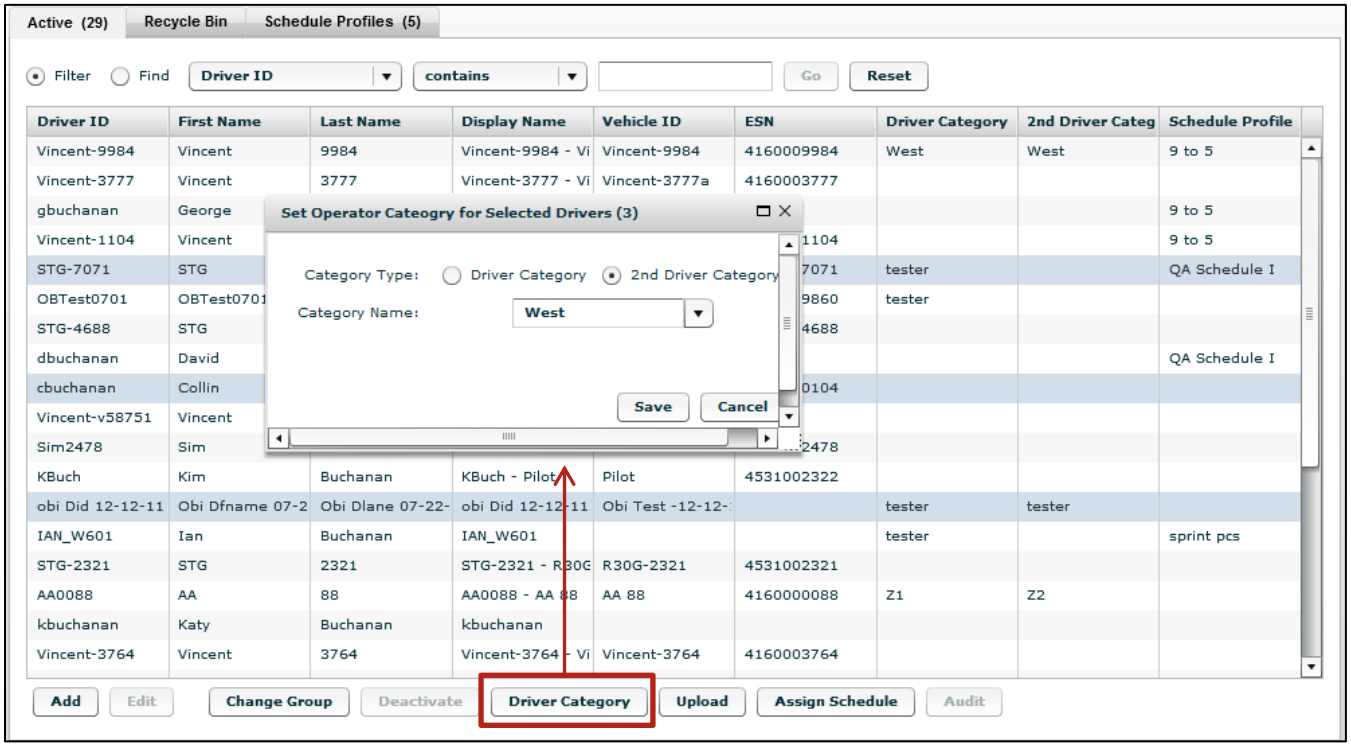
The Driver Bulk Upload template now contains the 2nd Driver Category column, which allows you to assign a second category to multiple drivers through one action.



Driver Category Button

From within FleetOutlook Admin, you can add or update the 2nd Driver Category field for multiple drivers at once using the Driver Category button at the bottom of the Drivers tab.

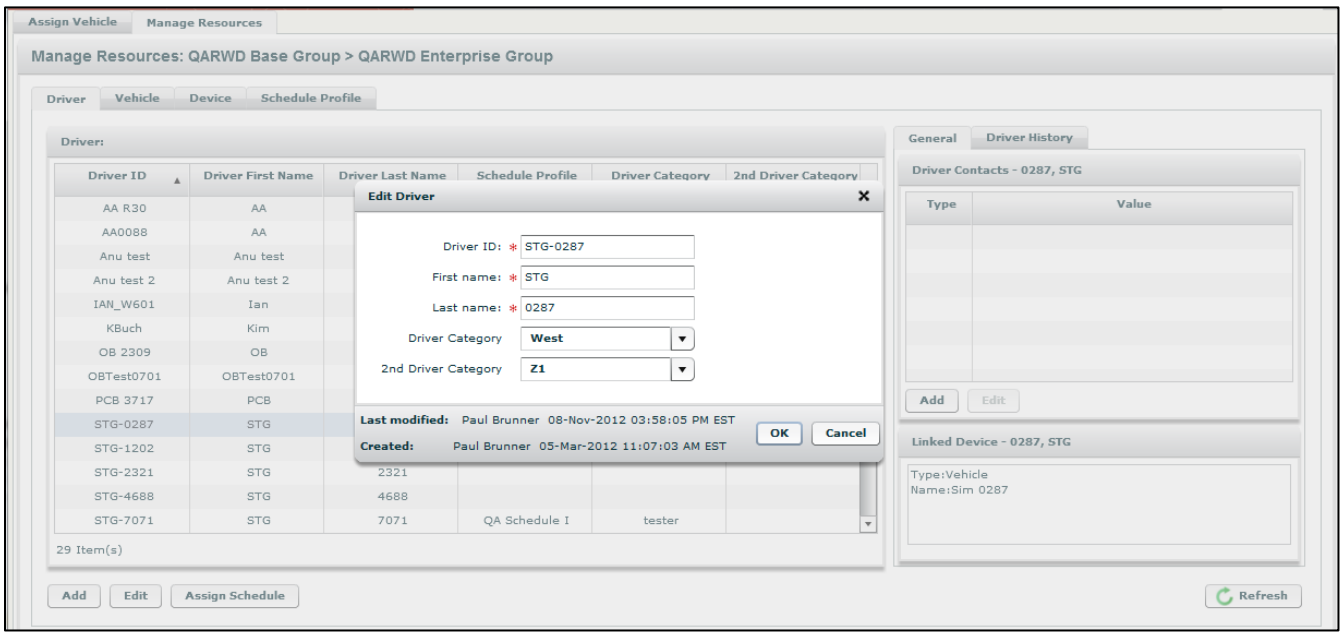
To select non-adjacent drivers, hold the Ctrl key and select each driver. To select adjacent drivers, select the first driver, hold the Shift key and select the last driver.



Driver Category – Manage Resources Sub-tab

Within FleetOutlook, the Manage Resources sub-tab allows you to update driver information, including selecting a second driver category from the drop-down list of previously created categories or create a new category.

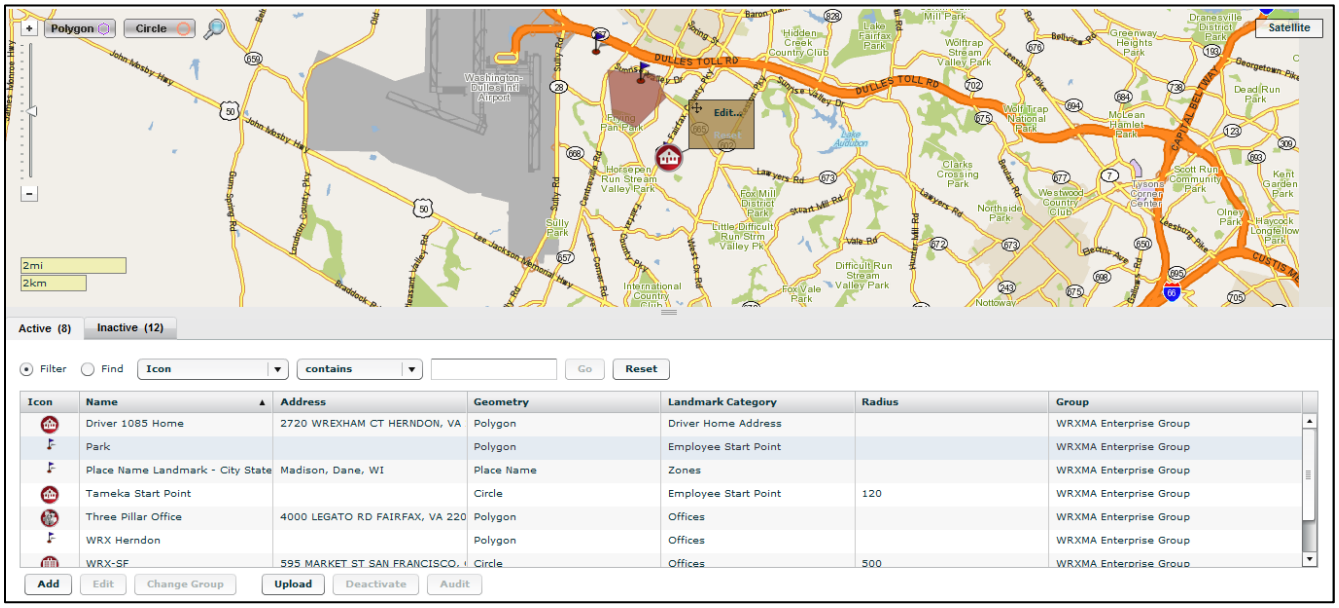
From the Manage Resources sub-tab, you can only assign a second driver category to one driver at a time. Multi-select update is only available in FleetOutlook Admin.



Landmarks Update

You can now create landmarks of unlimited size. In earlier versions of FleetOutlook, landmarks were limited to a maximum size of 25 miles. Many of users in the FleetOutlook community use landmarks to define territories or service zones and need an unlimited landmark size to meet their business needs.

Over the last several releases, we have incorporated several enhancements to landmark configurations. As a refresher, the following landmark topics outline the best method to create a landmark; how to determine the anchor point for an address landmark; and how to move or reshape a landmark to cover the entire property. The following topics are not new features in 7.3; however, they are follow-up topics to help reinforce the new landmarks features released since 7.1.



Address Landmarks

FleetOutlook allows you to create a landmark using a specific address as the anchor point. This is a quick and easy way to create a landmark for a supply yard or parking lot. Enter the address in the Search field on the map, and then create the landmark using either the Polygon button or the Circle button.

Note: When you create a Landmark by entering an address in the Add Landmark dialog box, FleetOutlook automatically places the landmark's anchor point at the physical location of the address, which is typically the street. If your landmark radius or perimeter does not cover the entire property, vehicles may arrive and depart the landmark without detection.

Create an Address Landmark:

1. Select the highest level group of the Enterprise hierarchy to which you want to configure the landmark.

- All vehicles in the selected group and any group below will have the landmark available.

2. Select the **Landmarks** tab.
3. Click the **Magnifying Glass** icon on the map.

- FleetOutlook expands the Search field.

4. Type the landmark address in the **Search** field (e.g., 13645 Dulles Technology Drive, 20171).
5. Click the **Search** button or press the **Enter** key.

- FleetOutlook automatically centers the map and places a push pin at the physical location of the address.
- In the example below, the physical location on the address is located on the street.

6. Click the **Satellite** button.

- The Satellite button is a toggle button. When the map is in Satellite view, you see the Map button.

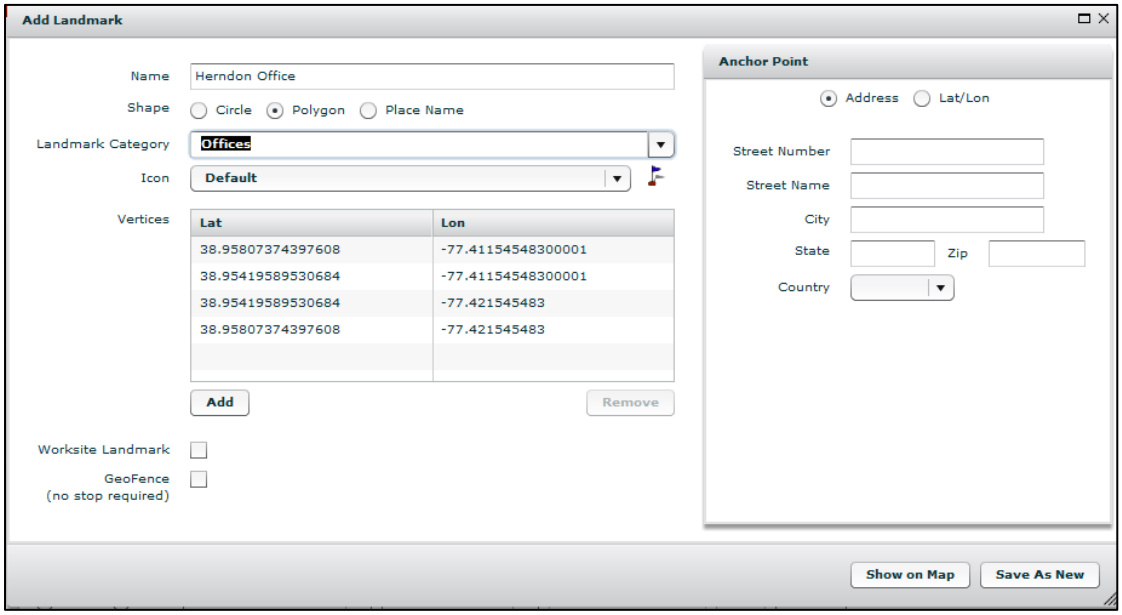
7. Zoom the map to a level that displays the entire physical property.

8. Click the **Polygon** button or the **Circle** button, and then click on the map to place the landmark.
9. Adjust the radius (Circle) or the perimeter (Polygon) by dragging the edges of the landmark.

- Verify that the landmark covers the entire landmark property and not just the anchor point.

10. Click the **Add Landmark** button.

- The Add Landmark screen displays.



11. Enter a descriptive **Name** for the landmark (e.g., Herndon Office).
12. The name appears on the map and any alerts. A short and easily understood name is best.
13. Select a **Landmark Category** from the drop-down list of previously created categories or create a new category.

- The Name and Landmark Category fields are required.

14. If needed, select an **Icon** from the drop-down list.
15. If appropriate, check the **GeoFence** checkbox.

- A GeoFence landmark does not require a stop or ignition off event to trigger landmark detection. Useful to identify locations that do not require a stop event.

16. Click the **Save As New** button.

- FleetOutlook creates the landmark and displays it on the Active tab.

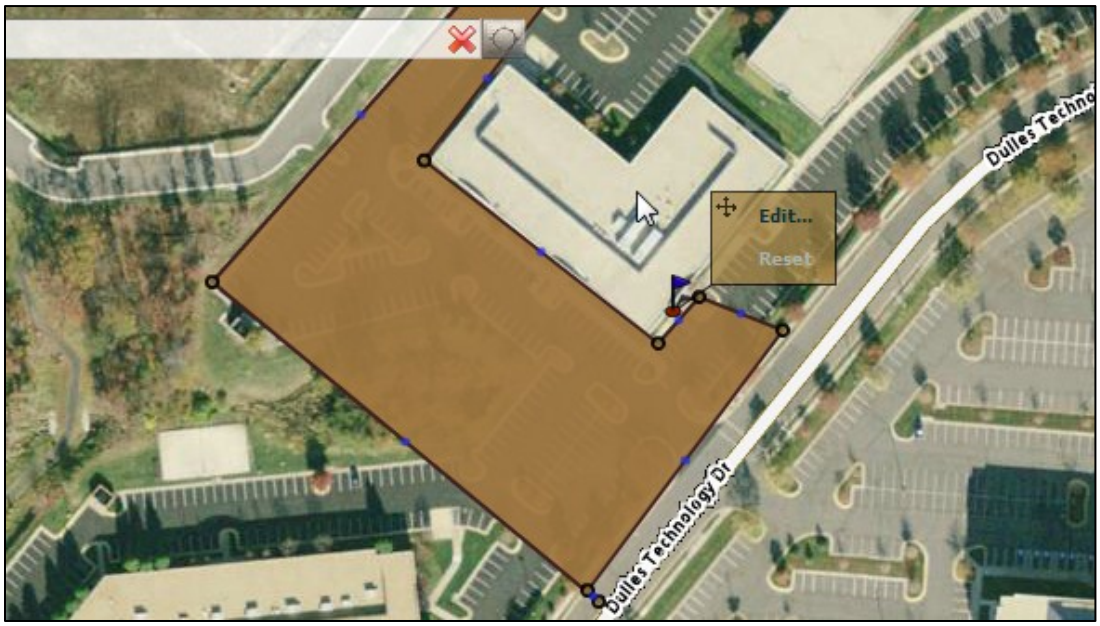
Moving and Resizing Landmarks

If your landmark radius or perimeter does not cover the entire landmark location, you may need to edit the shape or move the landmark. You can only edit the shape of an active landmark directly on the map. You can edit inactive landmarks from the Edit Landmark screen.

To Move or Resize a Landmark:

1. Select the **Landmarks** tab, and the select the **Active** tab.
2. Select the landmark's anchor point on the map (e.g., the blue flag).

- FleetOutlook displays the landmark's edit points. You can move or resize the landmark.

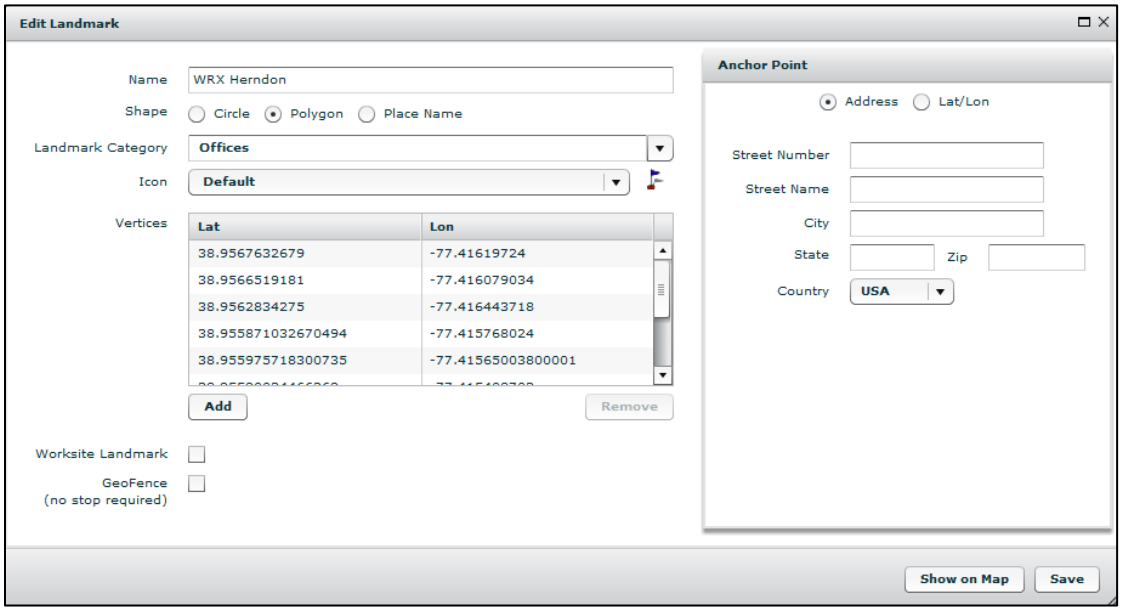


3. Point to a landmark corner that you want to adjust and the pointer turns to a four-sided arrow.
4. Adjust the perimeter by selecting the corner and dragging it to the desired shape or location.
5. Click a blue dot to split a side into two, and then adjust the side as desired.

- You can have up to 255 sides to a polygon.

6. When finished moving or resizing the landmark, click the **Save Changes** button.

- The Edit Landmark screen displays.



7. Modify any of the fields as needed.

- It is not necessary to make any changes if you only want to modify the location or size of the landmark.

8. Click the **Save** button.

Define Place Name Landmarks

Place Name landmarks allow you to define a geographic region as a landmark without drawing polygon vertices or adding an exact address. A Place Name landmark relates to a jurisdiction or ZIP code. FleetOutlook triggers landmark arrival or departure when the reported event location for a vehicle matches the defined place name value (e.g., 20171 or Herndon, VA).

Valid place names are:

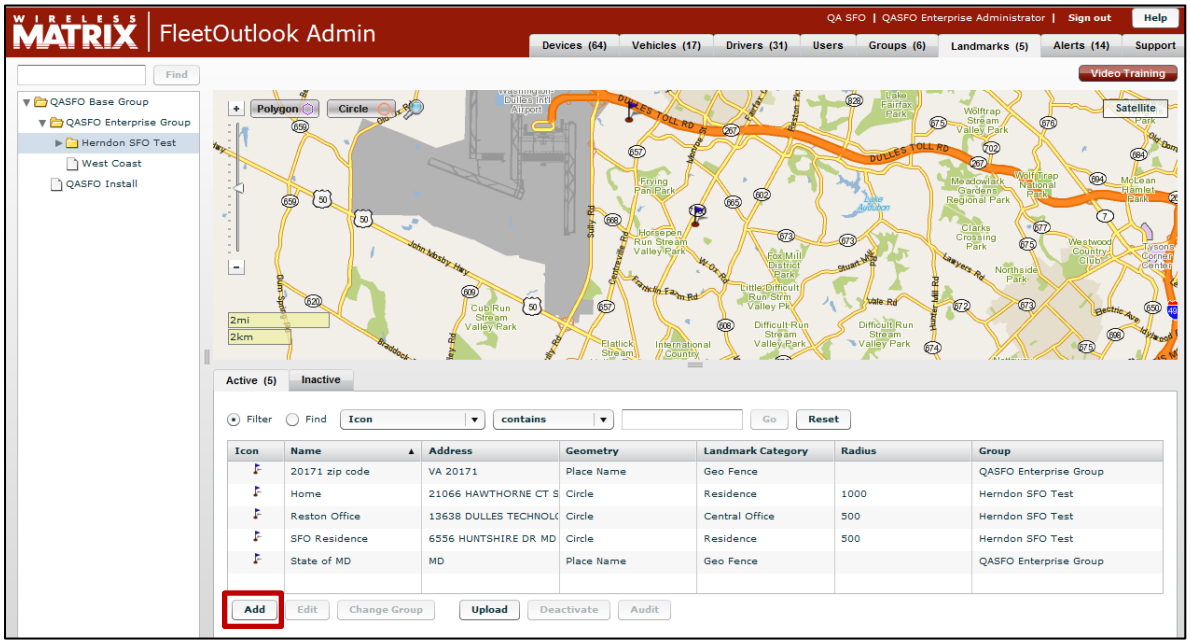
- City, State combination
- County, State combination
- State (no city or county specified)
- ZIP Code

Create a Place Name Landmark:

1. Select the highest level group of the Enterprise hierarchy to which you want to configure the landmark.

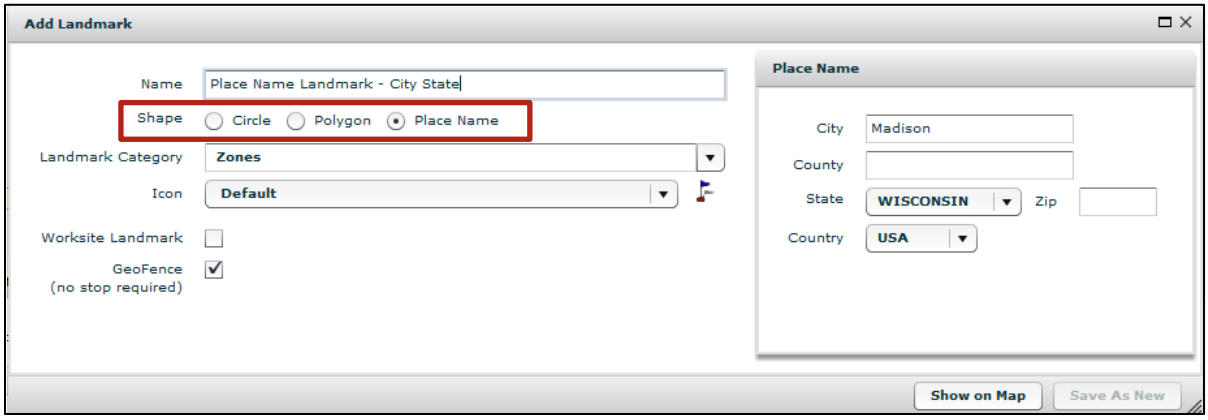
- All vehicles in the selected group and any group below will have the landmark available.

2. Select the **Landmarks** tab, and then click the **Active** sub-tab.



3. Click the **Add** button at the bottom of the screen.

- To edit a landmark, select the landmark from the list, and then click the **Edit** button.



4. Enter a descriptive **Name** for the landmark.

- The name appears on the map and any alerts. A short and easily understood name is best.

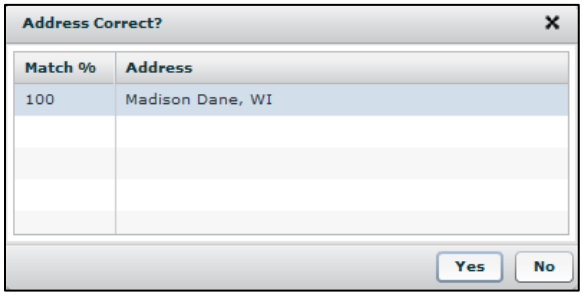
5. Select a **Shape** option (e.g., **Place Name**).
    - **Circle** – Center point and radius
    - **Polygon** – Anchor point and a series of points that define the perimeter.
    - **Place Name** – Relates to a jurisdiction or ZIP code.
6. Select a **Landmark Category** from the drop-down list of previously created categories or create a new category.
7. Select an **Icon** from the drop-down list.

- This icon displays as the landmark placeholder on the map.

8. If appropriate, check the **GeoFence** checkbox.

- A GeoFence landmark does not require a stop or ignition off event to trigger landmark detection. Useful to identify travel to locations that do not require a stop event.

9. Click the **Show on Map** button.



10. Click the **Yes** button to confirm address match.

- Once the address is confirmed, the Save As New button is enabled.

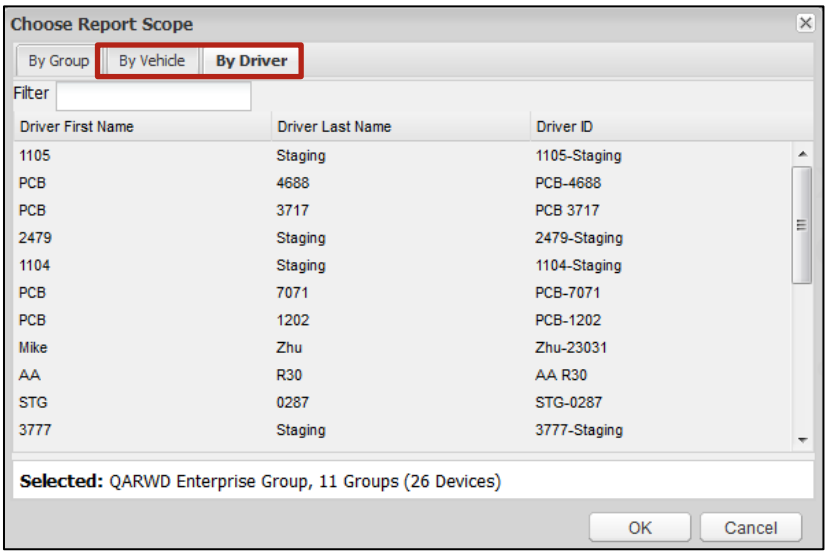
11. Click the **Save As New** button.

- FleetOutlook creates the landmark and displays it on the Active tab.

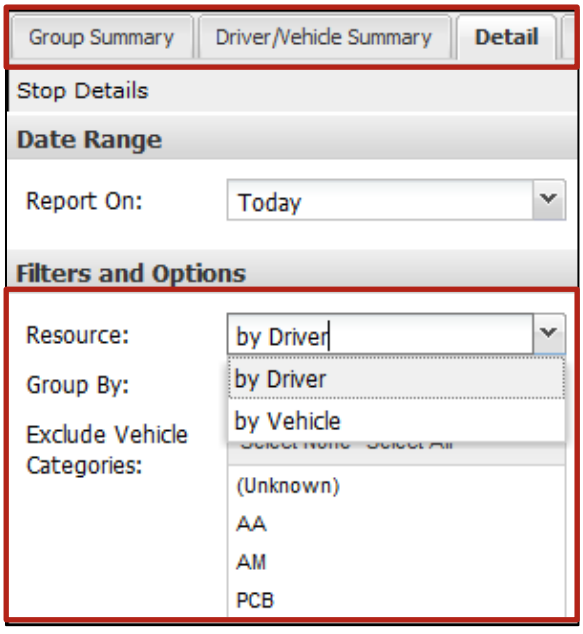
Reports Update

The 7.3 release includes new views to several reports. The new and enhanced views measure key performance indicators and help identify areas of actionable data.

- Using the enhanced Scope option, you can now run many of the available reports for a single driver or a single vehicle.



- Now, many of the reports contain a third view, which summarizes data by drivers in your fleet or by vehicles in your fleet. With the introduction of the new summary view, you are able to define the resource to measure – by driver or by vehicle – and exclude specific vehicle categories.



Driver Utilization Report – Updated

The Driver Utilization Report provides a view of each driver's daily statistics in either a summarized arrangement or daily arrangement. The report now provides a new view, Driver Detail. The Driver Detail view shows daily utilization statistics per driver per day. Each row in the Driver Detail view allows for drill-down capability to the Trip Report view for the selected driver on the selected day.

Note: This report provides a daily workday view for each driver in your fleet. The Driver Utilization Report in previous versions of FleetOutlook displayed the work time values as averages of the reporting interval not per day. In the new Driver Detail, each row represents a work day. If a driver worked 4 of 5 days in the reporting interval, FleetOutlook displays 4 rows of data. One row for each work day.

Driver ID	First Name	Last Name	Driver Schedule Profile	Date	First Ignition On	Last Ignition Off	First Stop	Last Stop	First Landmark Arrival	First Landmark Departure
1104-Staging	1104	Staging	9 to 5 PST	15-Nov-2012	09:37 AM	04:40 PM	09:54 AM	04:21 PM	09:37 AM	09:47 AM
2479-Staging	2479	Staging	9 to 5 PST	15-Nov-2012	09:37 AM	11:29 AM	09:54 AM	11:21 AM	09:54 AM	09:47 AM
3764-Staging	3764	Staging	9 to 5 PST	15-Nov-2012	07:07 AM	05:24 PM	07:24 AM	05:17 PM	07:24 AM	07:17 AM
9984-Staging	9984	Staging	9 to 5 PST	15-Nov-2012	09:37 AM	11:40 AM	09:54 AM	10:04 AM	09:37 AM	09:37 AM
STG-0287	STG	0287	QA Schedule I	15-Nov-2012	01:00 AM	05:07 AM	01:02 AM	04:57 AM	01:00 AM	01:01 AM
STG-2321	STG	2321		15-Nov-2012	06:13 AM	07:59 PM	07:26 AM	06:42 PM	07:26 AM	06:14 AM

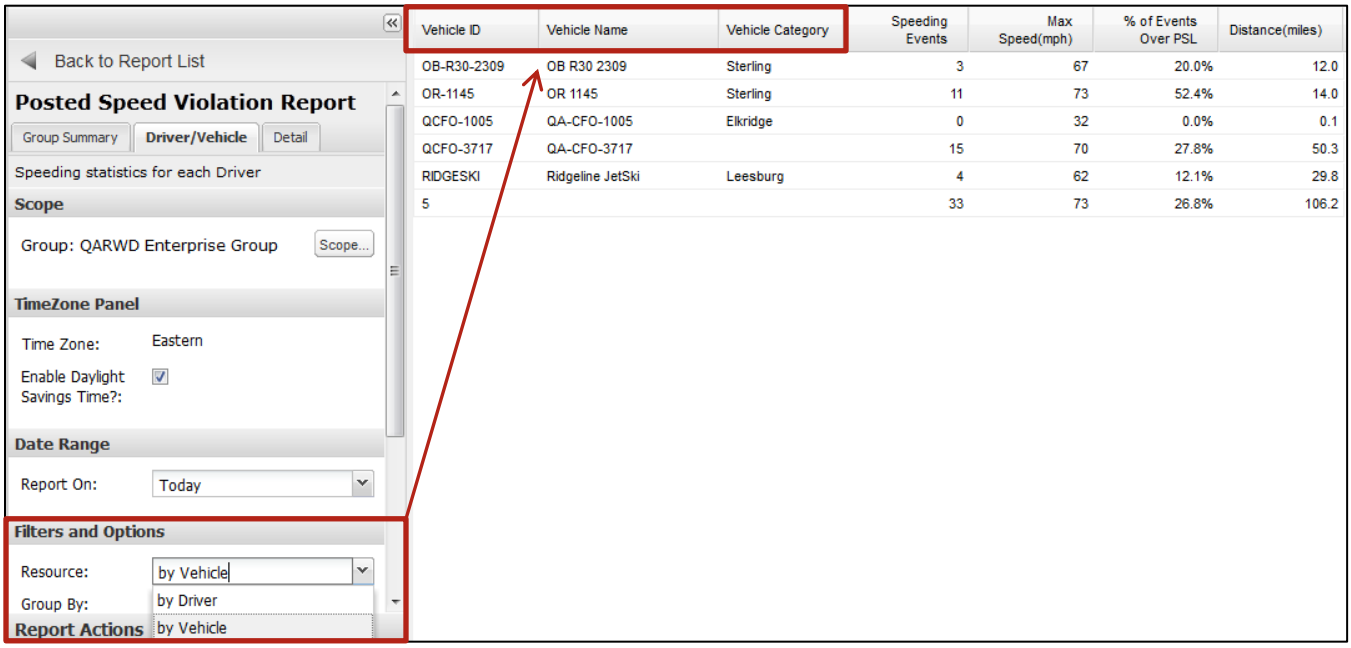
In addition to the new Driver Detail view, the two existing tabs have been updated. The Summary tab has been renamed to Group Summary and provides driver utilization statistics summarized at the group level. The Detail tab has been renamed the Driver Summary tab and provides utilization statistics summarized for each driver. If you run the report for two or more days, the columns in this view display values as averages.

Posted Speed Limit Report – New View

The Posted Speed Limit Report functionality has been enhanced to include the capability to generate the report for vehicles as well as for drivers. In previous versions of FleetOutlook, the Posted Speed Limit Report displayed "Unknown" for the First Name and Last Name fields if you did not have a driver assigned to the vehicle. With the 7.3 release, you now have the capability to run the report for the vehicles in your fleet regardless of assigned driver.

The Resource field under the Filters and Options section allows you to select how to run the report, by driver or by vehicle. The default option is by driver. In addition, the Exclude Vehicle Categories field has been added to the report configurations. This field allows you to limit the vehicles included in the report data to specific categories.

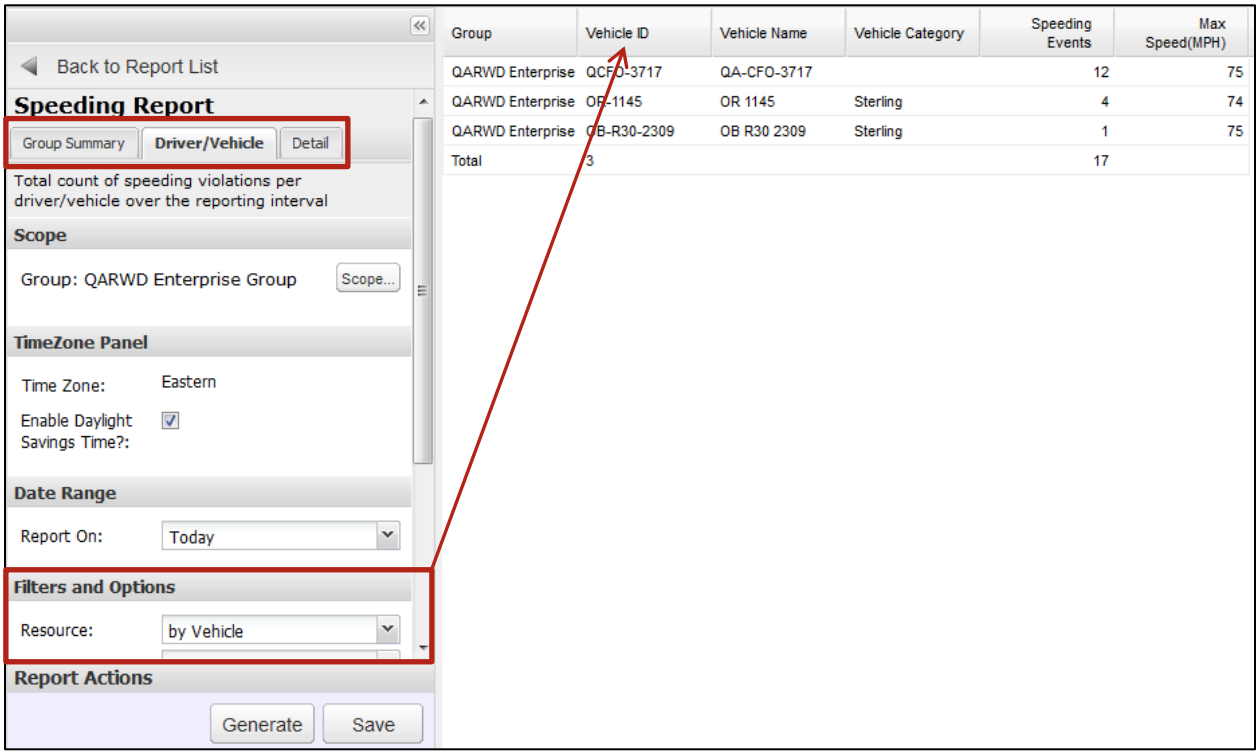
The Driver Summary tab has been renamed the Driver/Vehicle tab. In the Driver/Vehicle view, each row summarizes posted speed limit violation statistics by driver or by vehicle. This allows you to compare speeding statistics summarized for each driver or each vehicle in a fleet. The Driver Detail tab has been renamed to the Detail tab. The column headings automatically adjust to reflect the resource selected.



Speeding Report – Updated

The Speeding Report functionality has been enhanced to include the capability to generate the report for vehicles as well as for drivers. The Resource field under the Filters and Options section allows you to run the report by driver or by vehicle. The default option is by driver. In addition, the Exclude Vehicle Categories field has been added to the report configurations. This field allows you to limit the vehicles included in the report data to specific categories.

The Driver Summary tab has been renamed the Driver/Vehicle tab. In the Driver/Vehicle view, each row summarizes speeding statistics by driver or by vehicle. This allows you to compare speeding statistics summarized for each driver or vehicle in a fleet. The Driver Detail tab has been renamed to the Detail tab. The column headings automatically adjust to reflect the resource selected.



Stop Report - Updated

The Stop Report displays the locations and durations of driver or vehicle stops in a chronological list or on a map. With the 7.3 release, you now have the capability to run the report by vehicle or by driver for both the Driver/Vehicle view and the Detail view. The Status and Events fields have been removed from the report. In earlier versions, the report displayed all the different events of a stop (i.e., STOP, IGOFF, etc.). Each row now represents one stop with the initial time of the stop and the stop duration, making the Status and Events fields unnecessary.

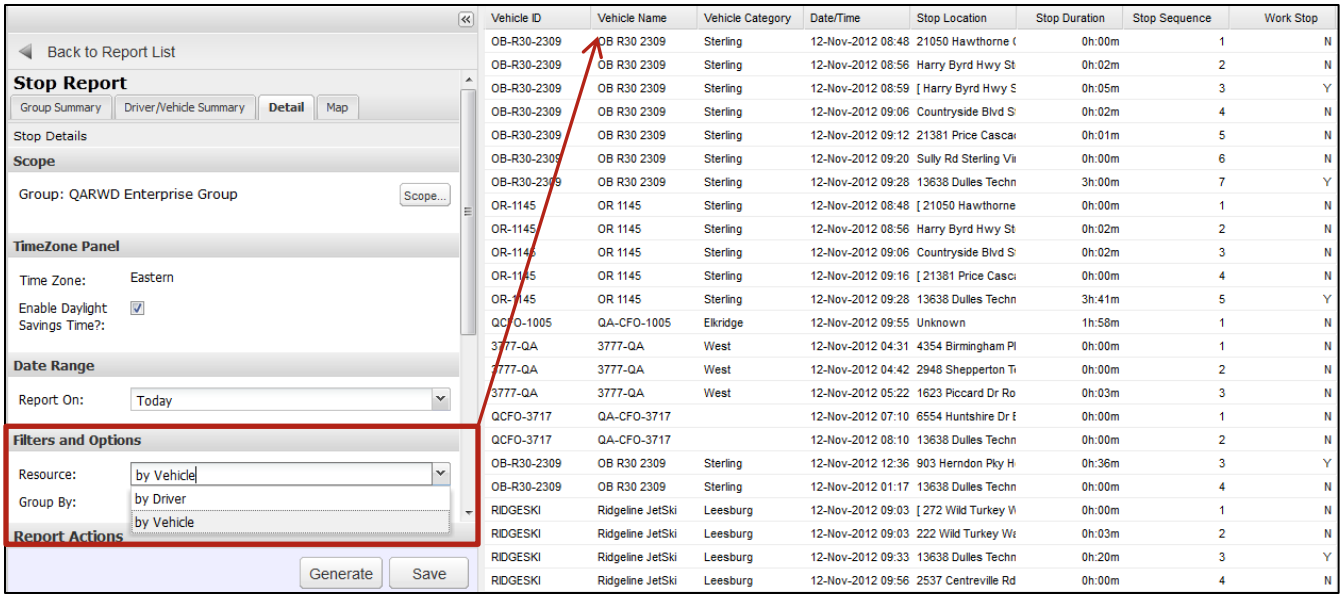
Group Summary View

The Summary tab has been renamed the Group Summary tab. In the Group Summary view, each row summarizes stop statistics at the group level. With the introduction of the Driver/Vehicle Summary view, the Driver-Vehicle Name field has been removed from this view. The last row always displays the Total row for all groups included in the report data.

Group	Total Stops	Total Stop Time	Average Stop Time/Stop	Work Stops	Work Stop Time
East Coast	27	11h:39m	0h:25m	7	9h:17m
West Coast	3	0h:03m	0h:01m	0	0h:00m
(Total)	30	11h:42m	0h:23m	7	9h:17m

Driver/Vehicle Summary View

In the new Driver/ Vehicle Summary view, each row summarizes the stops and durations for each driver or each vehicle. The Driver-Vehicle Name field has been removed from this view. If you run the report by driver, the view displays the Driver ID, First Name and Last Name fields. If you run the report by vehicle, the view displays Vehicle ID, Vehicle Name and Vehicle Category.



Detail View and Map View

The Detail and Map Views have an updated Stop Sequence column. The Stop Sequence column now displays the first event and total duration of each stop. The Status and Event fields have been removed from both views.

Group	Driver ID	First Name	Last Name	Date/Time	Stop Location	Stop Duration	Stop Sequence	Landmark
East Coast	OB-2309	OB	2309	12-Nov-2012 08:48:36 AM EST	21050 Hawthorne Ct Sterling Virginia 20164	0h:00m	1	
East Coast	OB-2309	OB	2309	12-Nov-2012 08:56:02 AM EST	Harry Byrd Hwy Sterling Virginia 20165	0h:02m	2	
East Coast	OB-2309	OB	2309	12-Nov-2012 08:59:09 AM EST	[Harry Byrd Hwy Sterling Virginia 20165]	0h:05m	3	
East Coast	OB-2309	OB	2309	12-Nov-2012 09:06:44 AM EST	Countryside Blvd Sterling Virginia 20165	0h:02m	4	
East Coast	OB-2309	OB	2309	12-Nov-2012 09:12:52 AM EST	21381 Price Cascades Plz Sterling Virginia 20164	0h:01m	5	
East Coast	OB-2309	OB	2309	12-Nov-2012 09:20:08 AM EST	Sully Rd Sterling Virginia 20166	0h:00m	6	
East Coast	OB-2309	OB	2309	12-Nov-2012 09:28:28 AM EST	13638 Dulles Technology Dr Herndon Virginia 20171	3h:00m	7	WRX-HQA_Polygon
East Coast	OB-2309	OB	2309	12-Nov-2012 12:36:36 PM EST	903 Herndon Pky Herndon Virginia 20170	0h:36m	8	

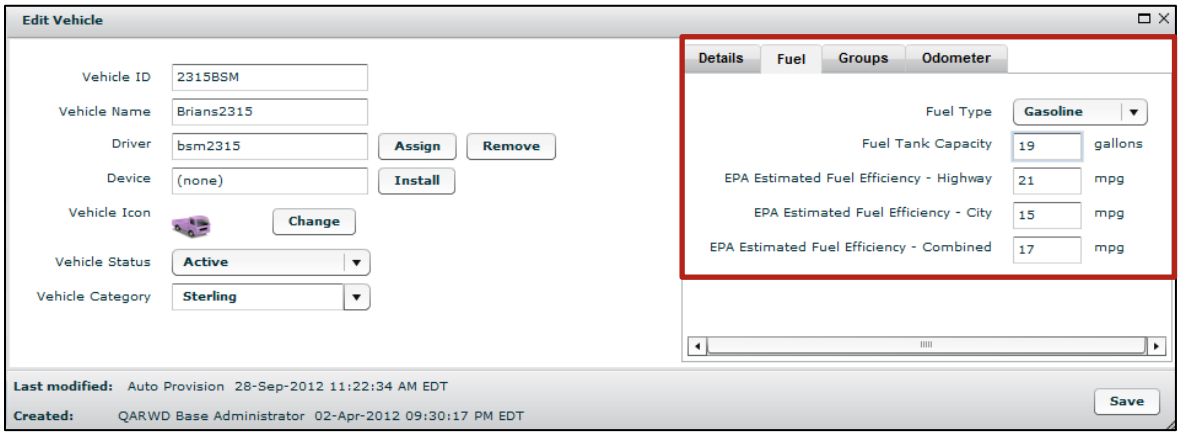
Fuel Purchase Report - Updated

The Fuel Purchase Report helps identify potential fraud by highlighting fuel purchases in amounts that exceed a vehicle's tank capacity. In the 7.3 release, the Fuel Purchase Report includes two new columns: Tank Capacity and EPA Estimated Fuel Efficiency.

Note: If you currently have or will have a fuel card provider who has integrated with FleetOutlook and you are using or plan to use the Fuel Purchase Report, it is important that you populate the fuel fields in the vehicle settings within FleetOutlook Admin.

Using the report data, you can compare the Tank Capacity field, which pulls data from the Fuel Tank Capacity field in the Vehicle settings, with the Fuel Purchase field. This helps identify instances of potential fuel theft when the fuel purchased was greater than the vehicle's tank capacity. Compare the EPA Estimated Fuel Efficiency, which pulls data from the EPA Estimated Fuel Efficiency field in the Vehicle settings, with the Calculated MPG field to identify potential vehicle performance problems or possible fuel theft.

Time	First Name	Odometer (mi)	Miles Driven Since Last Fuel Stop (mi)	Fuel Purchased (gal)	Tank Capacity (gal)	Calculated mpg (mpg)	EPA Estimated Fuel Efficiency (mpg)	Cost per gal (USD)
09-Jul-2012 06:32:		705309	211.6	30.4		7.0		3.549
09-Jul-2012 10:00:		40174	249.6	22.6		11.0		3.539
09-Jul-2012 08:15:	Steve	3982	423.0	20.8	22	20.3	30	3.449
09-Jul-2012 02:17:	Jason	952	0.0	35.0				3.499
09-Jul-2012 08:47:	Joe	37453	320.0	28.9		11.1		3.499



Export Incomplete Data to CSV Format

FleetOutlook reports display three asterisks for negative or incomplete data. For example, if the Average Last Landmark Arrival column has a later timestamp than the Average Last Landmark Departure column then the Average Work Day is a negative number. FleetOutlook displays this number as three asterisks.

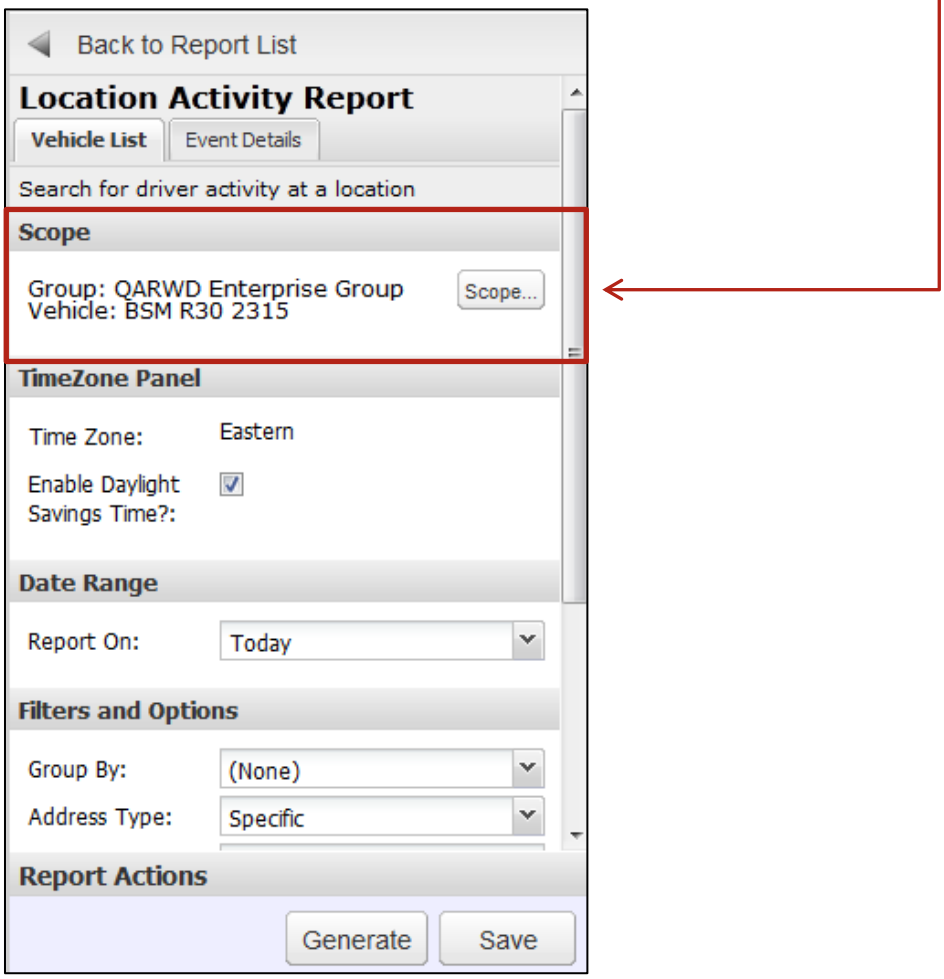
When you export negative or incomplete data to CSV format, any field populated with the three asterisks is exported as a blank field. This eliminates errors resulting from the asterisks being included in Excel formulas.

Avg. First Ignition On	Avg. First Landmark Departure	Avg. First Landmark Arrival	Avg. Work Day
07:00 AM		07:00 AM	***
12:34 PM			***
06:39 AM		06:39 AM	***
05:54 PM	07:14 PM	06:21 PM	1h:48m
08:43 AM		08:52 AM	***
09:33 AM	09:34 AM	10:01 AM	4h:27m
07:40 PM		07:58 PM	***
11:59 AM			***
12:34 AM	12:42 AM	12:36 AM	15h:00m
06:14 AM	06:15 AM	06:51 AM	6h:45m

F	G	H	I
Avg. First Ignition On	Avg. First Landmark Departure	Avg. First Landmark Arrival	Avg. Work Day
7:00:00 AM		7:00:00 AM	
12:34:55 PM			
6:39:40 AM		6:39:40 AM	
5:54:29 PM	7:14:10 PM	6:21:41 PM	1:48:00
8:43:36 AM		8:52:00 AM	
9:33:25 AM	9:34:45 AM	10:01:25 AM	4:27:37
7:40:46 PM		7:58:23 PM	
11:59:34 AM			
12:34:54 AM	12:42:13 AM	12:36:06 AM	15:00:55
6:14:28 AM	6:15:03 AM	6:51:25 AM	6:45:11

Drill Down Scope

When you select to run a report for a single driver or a single vehicle, FleetOutlook 7.3 now clearly defines the scope level in the report configurations. The drilled-down scope displays below the group level.



Contacting Customer Care

Supporting Your Solution Every Time. All the Time.

Wireless Matrix does more than provide you with application services – we also supply you with an always-available resource for attention, answers and insights if you have questions about your solution.

Wireless Matrix's Customer Support team stands beside you to ensure any concerns you have with any element of your solution – application, hardware or operations – are addressed quickly and completely.

- U.S.-based 24x7x365 via toll-free number, e-mail or automated service ticketing via our customer portal.
- Fully trained representatives with two tiers of escalation.
- E-mail acknowledgment and status visibility of your issue 100% of the time.

Contacting Customer Care	
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