

FleetOutlook® Fall 2012 Release Notes

Version 7.2



Last Updated: October 7, 2012

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Introduction

The FleetOutlook Fall 2012 Release Notes outline the new or improved features available in FleetOutlook 7.2. 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.

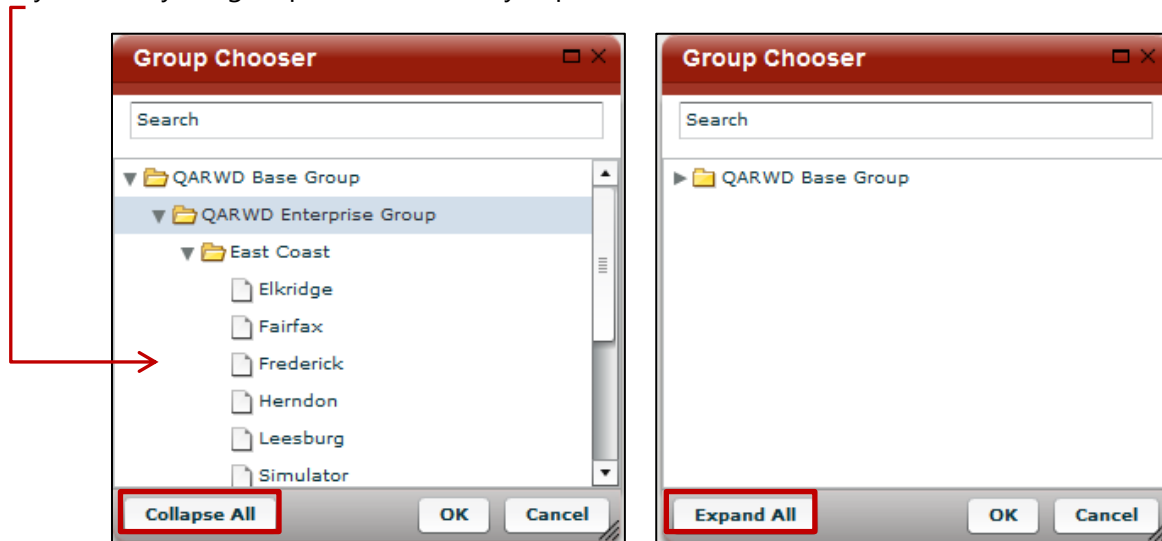
What's New in FleetOutlook 7.2 - Overview

- Group Chooser Button – Navigation Improvements
- Updates to Dashboards Charts
- Display Vehicle Names on FleetOutlook Maps
- VConnect™ – the Enhanced Vehicle Maintenance Module
- DTC Codes – Monitor Engine Control Performance
- Automatic VIN Associations
- Bulk Upload Driver Schedule Profiles
- Fuel Efficiency Report – New
- Location Activity Report – New
- Driver/Vehicle Summary View in the Idle Report – New View
- Drill Across Capability in the Fuel Purchase Report
- Show in Group Report Functionality
- New Reports Tab for FleetOutlook Express Customers

Group Chooser Update

The central Group Chooser button now includes a Collapse All and Expand All toggle button that allows quick navigation to your desired group. The Collapse All button collapses the group folder structure to the highest group level to which you have access. The Expand All button expands the group folder structure to the lowest group level to which you have access.

By default, your group structure is fully expanded.

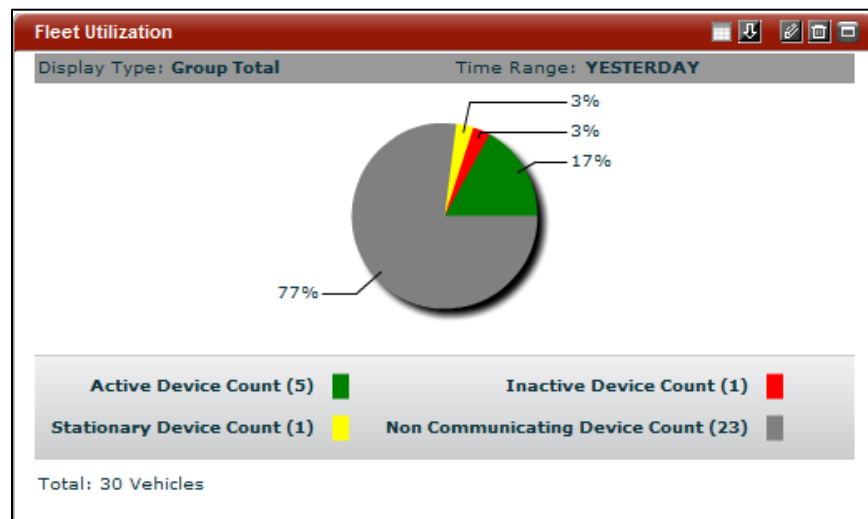


Dashboard Updates

Updates to the Dashboard include enhancements to existing charts – Fleet Utilization and Vehicle Metrics.

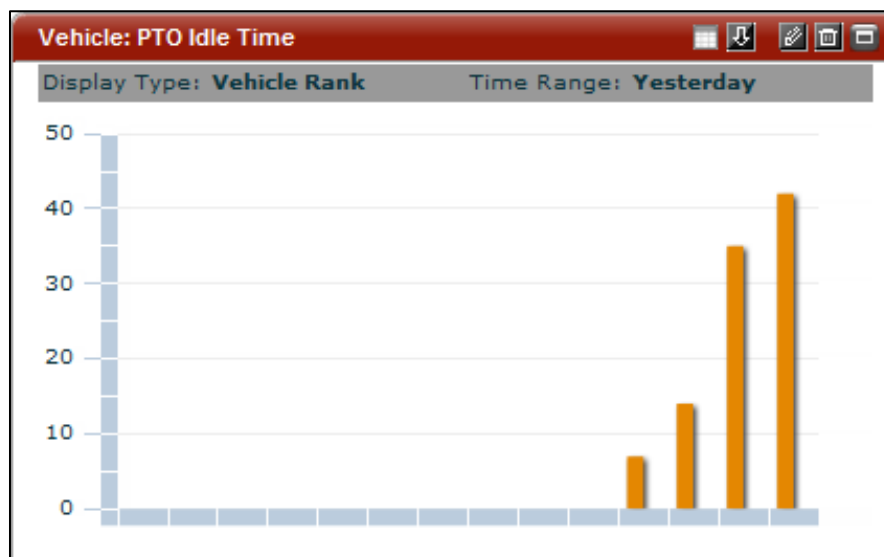
Fleet Utilization Chart Improvement

The Fleet Utilization Chart has an improved color scheme that clearly illustrates a snapshot of vehicle use. The four available statuses are green (active devices), red (inactive devices), yellow (stationary devices) and gray (non-communicating devices).



Vehicle Metrics Chart – PTO Idle

Included in the Vehicle Metrics Chart is the option to measure PTO Idle Time. This metric is useful for customers who can claim fuel tax credit for fuel consumed while powering a PTO device vs. powering the vehicle.



Tracking Tab Updates

Two enhancements have been made to the Map tab – Vehicle Names displayed on the map and alphabetical sorting of vehicles in List View.

Vehicle Names Displayed on Maps

Now, you can show vehicle names directly on FleetOutlook maps. The Vehicle Name field is a user-defined field based on a Display Name Template. The following table outlines the available templates. To change the Display Name Template for your vehicles, contact Customer Support. Note that Vehicles without a driver assigned will show only partial names.

11 Available Display Name Templates

Example for

DriverID: 12345

Driver Name: Bob Smith

VehicleID: MD321

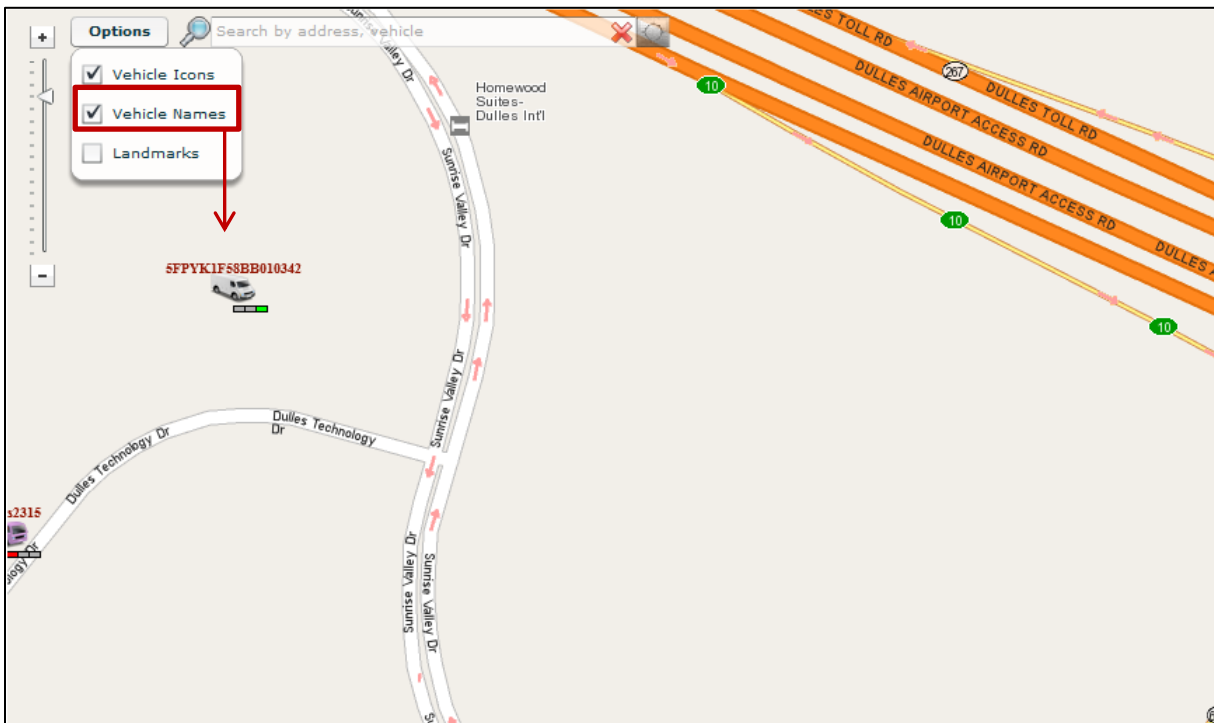
Vehicle Name: Van21



Driver ID Only	12345
Driver ID, Vehicle ID	12345 MD321
Driver ID, Vehicle Name, Vehicle ID	12345 Van21 MD321
Driver ID, First, Last	12345 Bob Smith
Driver Only	Bob Smith
Driver, First, Last, VehicleID	Bob Smith MD321
Vehicle ID Only	MD321
Vehicle ID, Driver ID	MD321 12345
Vehicle ID, Vehicle	MD321 Van21
Vehicle Only	Van21
Vehicle, Driver First,Last	Van21 Bob Smith
Vehicle, DriverID, First, Last	Van21 12345 Bob Smith

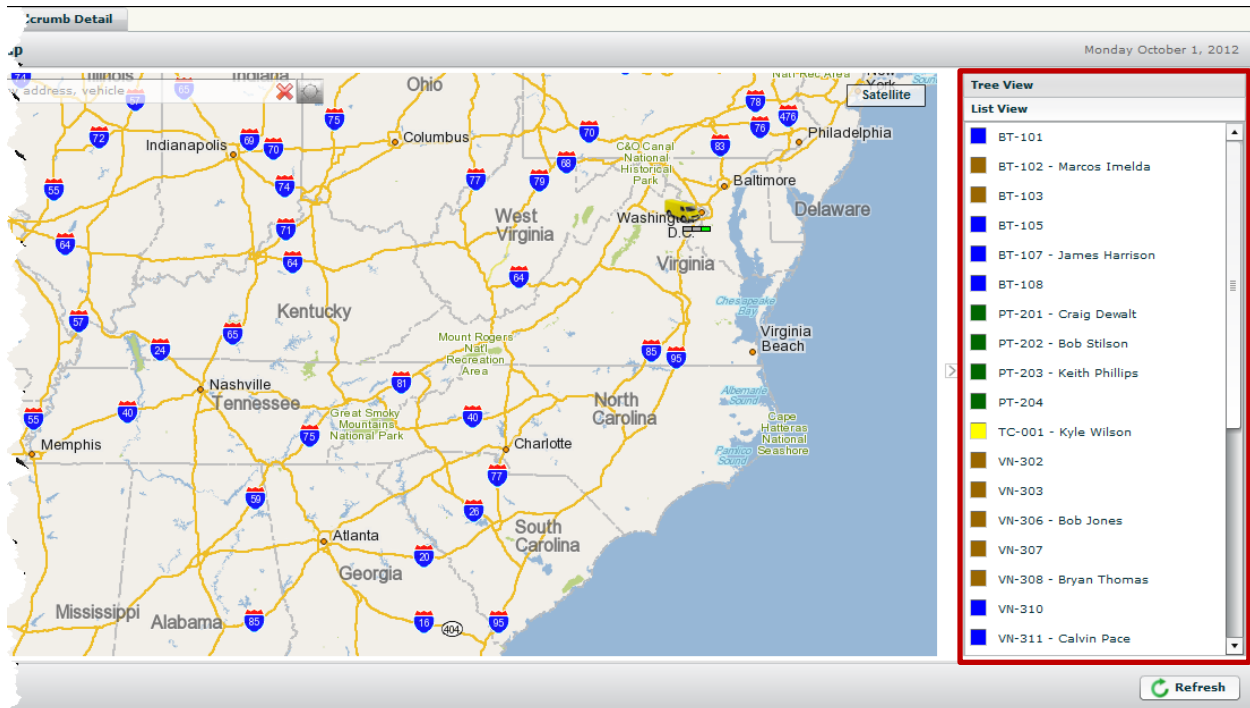
By default, vehicle names do not display on the maps. To turn the display of vehicle names on, click the Options button, and then select the Vehicle Names check box. Displaying vehicle names is useful for dispatch centers that display the Tracking map on a central monitor or smaller fleets with only a handful of vehicles.

Note: The Display Name Template is set at the enterprise level. To modify the template, call or email Customer Support.



List View – Vehicle Names Sorted Alphabetically

List View sorts vehicles in ascending alphabetical order. Alphabetical sorting helps you quickly find a vehicle from this list. In earlier versions of FleetOutlook, vehicles were sorted based on their last reported time stamp.



Dashboard Tab

To limit, or filter, the vehicles displayed on the list, select the appropriate category from the Vehicle Category drop-down list. FleetOutlook automatically populates the Maintenance Due list with only those vehicles from the selected category that also have upcoming maintenance due.

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Update Vehicles Tab

The Update Vehicles tab has been enhanced to include new filter and input options to allow for faster and easier updating of services performed.

The Service Schedule list has an additional column that helps you view the last service date for any displayed service. You can sort scheduled service by the last service date.

Additionally, limit the vehicles displayed in the Vehicle Name by a category selected from the new Vehicle Category list. Speed the process of finding specific category of vehicles by filtering the Vehicle Name list.


Service Name	Last Service Date	Date Due	Days Remaining	Odometer Due	Distance Remaining	Engine Hrs Due	Engine Hrs Remaining
Inspection - Spare tire	09/17/2012	09/18/2012	~10 days (Overdue)	35001 mi	35001 mi	178 hours	178 hours
Inspection - Air filter	09/03/2012	09/05/2012	~23 days (Overdue)	33717 mi	33717 mi	772 hours	772 hours
Inspection - Battery	09/05/2012	09/30/2012	2 days	34704 mi	34704 mi	369 hours	369 hours

The Update Vehicles tab also includes three new buttons focused on improving interval tracking for scheduled services. Additionally, the Maintenance Complete button includes resolved synchronization functionality. Refer to pages 9-11 for a detailed explanation of each button.

Maintenance Complete – Updated


FleetOutlook now accurately synchronizes the date to the first odometer reading for the specified date, or synchronizes the appropriate date for the odometer entered. Select a service from the Service Schedule list, and then click the Maintenance Complete button. Enter the Service Date or the Odometer Reading, and then click the Sync Date/Odometer button. In addition, you can now enter notes associated with this service using the Additional Notes field. This field holds up to 254 characters. You can view the notes from the Service History screen by clicking on the Service History button on the Update Vehicles tab.

Maintenance Complete

 Please tell us either the date or the odometer value when the service(s) were performed on this vehicle.
Last service date will be updated for the selected services.

Service Date *

09/05/2012



Odometer Reading

34202

mi

Additional Notes

Battery Inspection: 9/5/12

Sync Date/Odometer

OK

Cancel

Add Service Record – New

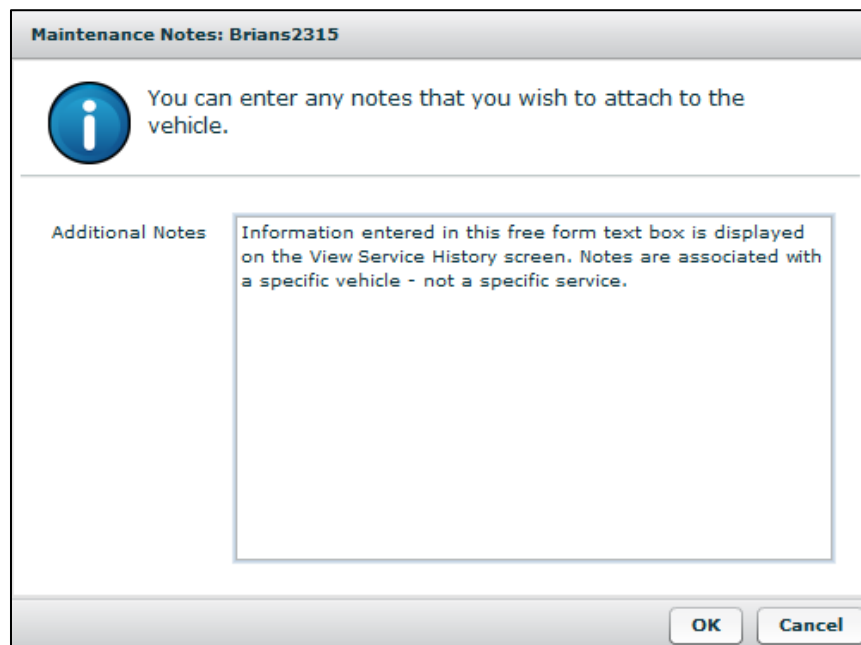
The Add Service Record allows you to establish a baseline for a scheduled service. FleetOutlook uses the date and odometer provided to start the maintenance interval tracking for the vehicle assigned to the scheduled service. If you do not establish a baseline, the Date Due column displays "No History Available." Both the Last Service Date and the Odometer at Service fields are required.



The screenshot shows a dialog box titled "Setup Your Last Service Record". It contains four input fields: "Vehicle Name" with the value "Brians2315", "Service Item(s)" with the value "Inspection - Spare tire", "Last Service Date" with the value "09/03/2012" and a calendar icon, and "Odometer at service" with the value "33175". At the bottom right are "OK" and "Cancel" buttons.

Add Notes

The Add Notes button provides a free form text box where you can add supplementary notes. The notes are attached to a specific vehicle; they are not associated with any scheduled service. All notes display on the View Service History screen.




The screenshot shows a dialog box titled "Maintenance Notes: Brians2315". It features an information icon (i in a blue circle) and the text "You can enter any notes that you wish to attach to the vehicle." Below this is a large text area labeled "Additional Notes" containing the text: "Information entered in this free form text box is displayed on the View Service History screen. Notes are associated with a specific vehicle - not a specific service." At the bottom right are "OK" and "Cancel" buttons.

View Service History

The View Service History screen provides a snapshot view of all the services performed on a selected vehicle. For each service performed, this screen displays the service date, name of service, odometer captured at time of service, engine hours and any associated notes.

This screen also displays all notes associated with the vehicle. To see an entire Notes field, select a row from the service log. The full note displays at the bottom of the screen in the Details Notes box.

Service History: Brians2315

 This list contains all the vehicle service log and any additional notes for the vehicle.
If the note column contains 'More notes', please click on the record to see the full note.

Action Date ▼	Service Name	Odometer	Engine Hours	Notes
09/11/2012				test
08/06/2012				Additional notes from add no..
08/06/2012	Inspection - Battery	31476	91	Notes from maintenance compl..
07/24/2012	Inspection - Air filter	30224	66	
07/24/2012	Inspection - Spare tire	30224	66	
07/17/2012	Inspection - Air filter	30000	66	
07/17/2012	Inspection - Spare tire	30000	66	
07/17/2012	Inspection - Battery	30000	66	
07/13/2012				SD WTE WE TNBWER6TW N3T
07/13/2012	Service - Fill washer fluid	307	57	filled to the top
07/13/2012	Inspection - Spare tire	307	57	POJQEW RPJQKWERP J
07/13/2012	Inspection - Spare tire	307	57	
07/09/2012	Inspection - Air filter	307	57	

Detail Notes
Additional notes from add notes

Last modified: QARWD Base Administrator 06-Aug-2012 03:06:15 PM EDT

Close

DTC Codes Tab - New

The new DTC Codes tab displays a list of vehicles and their associated Diagnostic Trouble Codes (DTC). This provides insight into the current performance of your fleet vehicles. DTC Codes are 5-character fault codes that indicate elements in a vehicle's engine or other systems that are experiencing abnormalities. To use the DTC Codes tab, you must have the R30 or another device that reports OBD-II data.

Each character position has a meaning. For example, a code of **P0171** indicates a generic power train code in the Emission Management system. Code 71 in this sub-system indicates System too Lean (Bank 1).

For a full explanation of each code, refer to http://www.obd-codes.com/trouble_codes/.

Character	Description	Values
1 – System	Identifies the vehicle system related to the trouble code	P = Power Train B = Body C = Chassis U = Undefined
2 – Code Type	Identifies the code as generic (OBD-II standard), or manufacturer specific.	0 = Generic 1 = Enhanced (manufacturer specific)
3 – Sub-System	Denotes the type of sub-system that pertains to the code. These are the Power Train sub systems	1 = Emission Management 2 = Injector Circuit (Fuel or Air) 3 = Ignition or Misfire 4 = Emission Control 5 = Vehicle Speed & Idle Control 6 = Computer & Output Circuit 7 = Transmission 8 = Transmission 9 = SAE Reserved 0 = SAE Reserved
4,5 – Code	Indicates the specific abnormality reported.	00 - 99

Filter/Find DTC Codes

The DTC Codes tab includes options to quickly filter or find a vehicle by any of the available columns. Likewise, you can sort the list in ascending or descending order by any column.

Available Columns

The DTC Codes list displays seven columns. The following table provides a brief explanation for the five, DTC Code related columns.

Column Name	Description
DTC Code	The 5 character fault code.
DTC Code Description	Explanatory text of the code.
Status	Indicates if the code is active (On) or inactive (Off).
Code Active Time	The timestamp indicating when the code became active.
Code Inactive Time	The timestamp indicating when the engine control unit reports that the code was resolved.

Dashboard Update Vehicles Setup Schedules DTC Codes							
DTC Codes:							
Filter	Find	Vehicle ID	contains		Go	Reset	
Vehicle ID	Vehicle Name	DTC Code	DTC Code Description	Status	Code Active Time	Code Inactive Time	
101422	QA-CFO-2321	B0200		OFF	08/29/2012 10:24AM EDT	08/29/2012 10:24AM EDT	
101422	QA-CFO-2321	B0200		ON	08/29/2012 11:22AM EDT	08/29/2012 11:22AM EDT	
101422	QA-CFO-2321	C0300		ON	08/29/2012 11:22AM EDT	08/29/2012 11:22AM EDT	
101422	QA-CFO-2321	C0300		OFF	08/29/2012 10:24AM EDT	08/29/2012 10:24AM EDT	
101422	QA-CFO-2321	P0100	Mass or Volume Air Flow Circuit	ON	08/29/2012 11:22AM EDT	08/29/2012 11:22AM EDT	
101422	QA-CFO-2321	P0100	Mass or Volume Air Flow Circuit	OFF	08/29/2012 10:24AM EDT	08/29/2012 10:24AM EDT	
101422	QA-CFO-2321	P0101	Mass or Volume Air Flow Circuit	OFF	08/29/2012 10:24AM EDT	08/29/2012 10:24AM EDT	
101422	QA-CFO-2321	P0101	Mass or Volume Air Flow Circuit	ON	08/29/2012 11:22AM EDT	08/29/2012 11:22AM EDT	
101422	QA-CFO-2321	P0200	Injector Circuit Malfunction	OFF	08/29/2012 10:24AM EDT	08/29/2012 10:24AM EDT	
101422	QA-CFO-2321	P0200	Injector Circuit Malfunction	ON	08/29/2012 11:22AM EDT	08/29/2012 11:22AM EDT	
101422	QA-CFO-2321	P0300	Random/Multiple Cylinder Misfi	OFF	08/29/2012 10:24AM EDT	08/29/2012 10:24AM EDT	
101422	QA-CFO-2321	P0300	Random/Multiple Cylinder Misfi	ON	08/29/2012 11:22AM EDT	08/29/2012 11:22AM EDT	
101422	QA-CFO-2321	U0100		ON	08/29/2012 11:22AM EDT	08/29/2012 11:22AM EDT	
101422	QA-CFO-2321	U0100		OFF	08/29/2012 10:24AM EDT	08/29/2012 10:24AM EDT	

FleetOutlook Admin Updates

The following features have been added to FleetOutlook Admin to deliver a more effective and efficient solution for managing your assets.

Automatic VIN Associations

The Reporter 30 device includes the capability to automatically report the Vehicle Identification Number (VIN) of the vehicle in which they have been installed. The device reads the VIN from the OBD-II bus.

To make best use of the VIN Association capability, it is important to create a new Vehicle asset in FleetOutlook Admin and populate the VIN field. In this way, the reported VIN from the device can be matched with the existing VIN in the Vehicle settings.

Using this feature, you will not have to pair your devices to vehicles in FleetOutlook Admin. When the device reports a VIN that matches a VIN number from the Vehicle settings, FleetOutlook Admin will automatically associate the captured VIN from the reported vehicle with the known VIN from the Vehicle settings. If an exact match is found, the device is then paired to the corresponding vehicle.

If the VIN reported from the vehicle does not find an exact match in any of the Vehicle settings in FleetOutlook Admin, a new vehicle is created with the unmatched VIN as the Vehicle Name and Vehicle ID. FleetOutlook Admin automatically pairs the device with new vehicle.

Likewise, as you move devices from vehicle to vehicle, it is important to confirm in FleetOutlook Admin that the device is reporting to the correct Vehicle in FleetOutlook Admin or the Manage tab in FleetOutlook.

Driver Schedule Bulk Upload

The Upload option on the Driver tab now includes the capability to bulk upload driver schedule assignments. This allows you to assign existing drivers to existing schedule profiles. Bulk upload is useful for assigning multiple drivers to multiple schedules through one action.

From the Drivers tab in FleetOutlook Admin, click the Upload button at the bottom of the screen. Then, click the Driver Schedule link at the bottom of the Upload Driver screen to save the Driver Schedule template to your computer. Enter the Driver ID and Schedule Profile name for each driver. Save the template, and then upload the file to FleetOutlook Admin.

Note that you cannot assign a schedule profile unless the driver and the schedule profile already exist in FleetOutlook Admin.

The screenshot shows the FleetOutlook Admin interface. At the top, there's a navigation bar with 'Outlook Admin' and links for 'Devices (31)', 'Vehicles (46)', 'Drivers (37)', 'Users', 'Groups (15)', 'Landmarks (4)', 'Alerts (64)', and 'Support'. Below this, there's a 'Video Training' button. The main content area shows a list of drivers with columns: Driver ID, First Name, Last Name, Display Name, Vehicle ID, ESN, Driver Category, and Schedule Profile. A red box highlights the 'Upload' button at the bottom of the driver list. An 'Upload Drivers' dialog box is open, showing a file upload section with 'Browse...', 'Cancel', and 'Upload' buttons. Below this, there's an 'Upload Type' section with radio buttons for 'Driver(s)', 'Vehicle and Driver', and 'Driver Schedule'. The 'Driver Schedule' option is selected. Below the radio buttons, there's an 'Instructions and Templates' section with a list of instructions and a 'Template(s)' section with links for 'Driver(s)', 'Vehicle and Driver', and 'Driver Schedule'.

Driver ID	First Name	Last Name	Display Name	Vehicle ID	ESN	Driver Category	Schedule Profile
3777-QA	3777	QA	3777-QA	3777-QA	4160003777	QA	QA 9-5 Pacific
64066-QA_VTCU	64066	QA_VTCU	64066				
59695-QA_VTCU	59695	QA_VTCU	59695				
R112-3717	R112	3717	QA-CF				
bam2315	brian	moran	Brians				
OB Spare	OB Spare	OB Spare	OB Sp				
1003CA-QA	1003CA	QA	1003C				
9984-QA	9984	QA	9984-Q				
jack 112	4525	test	jack 11				
ENF-GU-2838	Enfora	GU	QA-CF				
CKB	Collin	Buchanan	SIM-R				
3764-QA	3764	QA	3764-Q				
jack 111	78768	john	jack 11				
R26C-1005	R26C	1005	QA-CF				
ENF-GL-8758	Enfora	GL	QA-CF				
1104-QA	1104	QA	1104-Q				
R26G-4688	R26G	4688	QA-CF				
IKB	Ian	Buchanan	Ridgell				
R30G-2321	R30G	2321	QA-CF				
GVT-9302	GVT	9302	QA-CF				

Fuel Tab

The Vehicle Settings tab includes a new sub-tab to record fuel related properties of vehicles. The Fuel Tank Capacity field will be used in the Fuel Purchase Report to help identify potential fraud by highlighting purchases of fuel in amounts that exceed a vehicle's tank capacity. 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, you should populate the fields on this tab for each vehicle.

The expected fuel efficiency fields establish a baseline for identifying vehicles with much lower than expected fuel economy. The Fuel Purchase Report and the Fuel Efficiency Report will utilize these values for comparison to computed or actual fuel economy to highlight vehicles with extremely poor efficiency. This can help identify poorly tuned vehicles or vehicles with fraudulent fuel purchases. (Note that the Fuel Efficiency Report requires the use of R30 devices in vehicles that report fuel consumption via the OBD-II port.)

Edit Vehicle

Vehicle ID: 2315BSM

Vehicle Name: Brians2315

Driver: bsm2315 **Assign** **Remove**

Device: (none) **Install**

Vehicle Icon:  **Change**

Vehicle Status: **Active** ▼

Vehicle Category: **Sterling** ▼

Details **Fuel** **Groups** **Odometer**

Fuel

Fuel Type: **Gasoline** ▼

Fuel Tank Capacity: 19 gallons

EPA Estimated Fuel Efficiency - Highway: 21 mpg

EPA Estimated Fuel Efficiency - City: 15 mpg

EPA Estimated Fuel Efficiency - Combined: 17 mpg

Last modified: Auto Provision 28-Sep-2012 11:22:34 AM EDT

Created: QARWD Base Administrator 02-Apr-2012 09:30:17 PM EDT

Save

Reports Update

Two new reports have been added to the Interactive Reports Platform as well as several enhancements to existing reports.

Fuel Efficiency Report - New

The new Fuel Efficiency Report provides fleet managers with summaries of operator's fuel usage as reported by those equipped with a device capable of reporting fuel consumption. Currently, only the R30 can report fuel consumption by reading the trip fuel consumption value from the OBD-II bus in the vehicle.

The following example shows a week of data and helps identify poorly tuned vehicles or vehicles with high idle.

WIRELESS

MATRIX

ABC Utility Co.

Fuel Efficiency Report (Detail)

Date Range

Aug 26, 2012 12:00 AM EDT to Sep 01, 2012 11:59 PM EDT

Scope

Group : QARWD

Generated

05-Sep-2012 3:24 PM EDT by Joe Wireless

Group By: (None)

Vehicle or Driver: Driver

Time Zone

Eastern

Group	Driver ID	First Name	Last Name	Active Driver Days	Total Distance (mi)	Avg Driver Distance Per Day (mi)	Idle Time	Avg Driver Idle Per Active Day	Fuel Consumed (gal)	Fuel Consumed Idling (gal)	Fuel Consumed Driving (gal)	% Fuel Consumed Idling	Total Fuel Efficiency (mpg)	Fuel Efficiency Driving (mpg)	Carbon Footprint (metric tonnes)
QARWD 3764-QA	Bernard	Cutter	3	308.4	102.8	3:02:48	1:00:56	14.90	1.97	12.93	13.2	20.7	23.85	0.134	
QARWD 7504GVT	Terry	Alb	2	212.4	106.2	1:15:56	0:37:58	16.34	0.82	15.52	5.0	13.0	13.68	0.147	
QARWD AA0088	Mike	Oren	4	347.6	86.9	3:29:36	0:52:24	18.79	2.25	16.53	12.0	18.5	21.02	0.169	
QARWD IKB	Allie	Bosek	4	191.2	47.8	0:47:56	0:11:59	12.58	0.52	12.06	4.1	15.2	15.85	0.113	
QARWD R-0287s	Carson	Martin	5	316.5	63.3	2:35:33	0:31:06	13.82	1.67	12.15	12.1	22.9	26.05	0.124	
QARWD R-3717	Mel	Torrent	4	197.2	49.3	3:08:24	0:47:06	10.90	2.03	8.87	18.6	18.1	22.24	0.098	
QARWD bsm2315	Hoot	Fisker	6	465.0	77.5	7:35:54	1:15:59	28.01	4.90	23.11	17.5	16.6	20.12	0.252	

Location Activity Report - New

The Location Activity Report provides supervisors with a view of which vehicles and drivers were present in a specified area during a selected reporting interval as well as the events reported for those vehicles. You can run this report by entering a specific address or using latitude/longitude coordinates. The default radius for an address type (Specific or Lat/Long) is 0.5 miles, and the maximum radius is 1 mile.

Two Available Views:

Vehicle List View – Provides a list of vehicles within a specified radius of a specific address or latitude/longitude coordinates. To view a vehicle's events for the same location and reporting interval, double-click on the vehicle's row to drill-down to the Event Details View.

Event Details View – Shows all the events for the vehicle(s) for specific address or latitude/longitude coordinates and reporting interval.

The screenshot shows the 'Location Activity Report (Vehicle List) - Done' window. The sidebar on the left contains the following sections:

- Date Range:** Report On: Today
- Filters and Options:**
 - Group By: (None)
 - Address Type: Specific
 - Street Number: 13645
 - Street Name: Dulles Technology Drive
 - City: Herndon
 - State: VIRGINIA
 - Zip Code: 20171
 - Radius (mi): 0.5
- Report Actions:** Generate, Save

The main table displays the following data:

Group	Vehicle ID	Vehicle Name	Driver ID	First Name	Last Name
QARWD Enterpris	2315BSM	Brians2315	bsm2315	brian	moran
QARWD Enterpris	5FPYK1F58BB010	5FPYK1F58BB010	AutoP	Auto	Prov
QARWD Enterpris	OB-R30-2309	OB R30 2309	OB-2309	OB	2309
QARWD Enterpris	OR-1145	OR 1145	OR 1145	OR	1145
QARWD Enterpris	QCFO-3717	QA-CFO-3717	R112-3717	R112	3717
(Total)		5 Vehicles			

Driver/Vehicle Summary View – Idle Report

The Idle Report now contains a third view – Driver/Vehicle Summary View. In this view, each row summarizes the total idle statistics by driver or by vehicle. This view allows you to compare key idle statistics summarized for each driver or vehicle in your fleet or selected group.

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. Additionally, the view displays a Total row at the bottom of the report and an Average row at the beginning of the report.

Back to Report List

Summary **Driver/Vehicle** Detail

Filters and Options

Resource: by Driver

Group By: (None)

Exclude Vehicle Categories: Select None Select All

(Unknown)
16 wheeler
Cargo Van
Fire Truck
Limo
MyCategory
Pick Up Truck

Idle Time: >=

Idle Time (min.): 0

Idle Fuel Consumption (gal/hr): 0.51

Fuel Price (\$/gal): 2.75

Group	Driver ID	First Name	Last Name	Active Days	Idles	Engine Time	Stop Time	Idle Time	Idle % of Engine Time
(Average)				2	2	10h:40m	5h:21m	0h:01m	
DEMO2 Enterprise (65987		Darrelle	Revis	1	1	0h:00m	0h:00m	0h:00m	100
DEMO2 Enterprise (69852		Bryan	Thomas	1	1	15h:56m	15h:56m	0h:00m	0.
DEMO2 Enterprise (UNKNOWN		UNKNOWN	UNKNOWN	4	3	16h:05m	0h:08m	0h:03m	0.
(Total)				6	5	32h:02m	16h:05m	0h:04m	0.

Fuel Purchase Report – Drill Across Capability

The Fuel Purchase Report now contains drill across capability to the Breadcrumb Detail Event Report. The Fuel Purchase Report is useful for your fleet supervisors to monitor fuel costs and purchases. The report provides a summary of a driver's fuel purchases and allows you to drill across to review all the events for a specific vehicle and date range. This capability helps identify potentially fraudulent usage. For example, if the driver location does not match the fuel station, you can drill across to review the driver's actual location.

Note that this report is only available to customers who currently have a fuel card provider integrated with FleetOutlook.

Double-click on a vehicle's row to drill across to the Breadcrumb Detail report for the selected vehicle and date. In the example below, Driver ID R30G-2321 had three fuel purchases on three different dates for the selected reporting interval. Only one date stands out as possible misuse. By double-clicking on the row that matches the date in question, you can review the driver's breadcrumb events for the selected date.

Time	Driver Id	Odome... (mi)	Miles driven Since Last Fuel Stop (mi)	Fuel Purcha... (gal)	Calc... mpg (mpg)	per gal (USD)	Fuel Cost (USD)	Fuel Station	Fuel Station Location	GPS Vehicle Location	Reported Distance from Fuel Station (mi)	GPS Loc
09-Apr-2012 08:51	R30G-2321	194	0.0	23.8		3.800	90.33	SHELL	6000 Huntshire Dr Elkridge	6554 HUNTSIRE E	0.2	09-Apr-2012
11-Apr-2012 07:11	R30G-2321	396	202.0	22.4	9.0	3.759	84.21	SHELL	Unknown Herndon KD 0	8514 Leesburg Pi	***	11-Apr-2012
15-Apr-2012 02:37	R30G-2321	635	239.1	24.7	9.7	3.730	92.01	SHELL	Unknown Herndon KD 0	6554 HUNTSIRE E	***	15-Apr-2012
09-Apr-2012 11:26	bsm2315	243	0.0	22.5		3.759	84.58	ULTRA	801 N Barton St Arlington V/	801 N Barton St, A	0	09-Apr-2012
12-Apr-2012 08:45	bsm2315	373	129.8	23.2	5.6	3.799	88.33	ULTRA	801 N Barton St Arlington V/	801 N BARTON ST,	0	12-Apr-2012
17-Apr-2012 07:58	bsm2315	43	0.0	13.1		3.860	50.60	ULTRA	801 N Barton St Arlington V/	801 N Barton St, A	0	17-Apr-2012

The Breadcrumb Detail Report shows all the events for the selected vehicle and date.

Breadcrumb Detail Report - Done ²⁶ New Report												
Group	Vehicle ID	Vehicle Name	Vehicle Category	Timestamp	Event	Status	Location	Distance(Mi)	Duration	Idle Time	Landmark	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:51	IGNON	IDLE	6554 HUNTSIRE D	0.3	0h:00m	0h:00m	PCB Residence	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:52	START	TRAVEL	MD-103 Meadowrid	1.1	0h:02m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:54	MOVING W 40mph	TRAVEL	8173 OLD STOCKB	0.2	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:54	STOP	IDLE	OLD STOCKBRIDGE	0.0	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:54	IGOFF	ENGINE OFF	Old Stockbridge Dr	0.0	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:55	IGNON	IDLE	STOCKBRIDGE OVI	0.0	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:55	START	TRAVEL	6065 Waterloo Rd E	0.6	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:56	STOP	IDLE	5853 WATERLOO F	0.0	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:56	IGOFF	ENGINE OFF	5853 WATERLOO F	0.0	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:57	IGNON	IDLE	8212 SNOWDEN Rf	0.0	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:57	START	TRAVEL	8212 SNOWDEN Rf	0.8	0h:02m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:59	MOVING S 27mph	TRAVEL	6135 OLD DOBBIN	0.1	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:59	STOP	IDLE	6149 OLD DOBBIN	0.0	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:59	IGOFF	ENGINE OFF	6149 OLD DOBBIN	0.0	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:59	IGNON	IDLE	6149 Old Dobbin Ln	0.0	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 08:59	START	TRAVEL	6149 OLD DOBBIN	0.7	0h:01m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 09:01	STOP	IDLE	DOBBIN RD MD-175	0.0	0h:00m	0h:00m	State of MD	
QARWD Enterprise	QCFO-2321	QA-CFO-2321		09-Apr-2012 09:01	IGOFF	ENGINE OFF	DOBBIN RD MD-175	0.0	0h:01m	0h:00m	State of MD	

Show in Groups Functionality

The Show in Groups functionality allows you to show report data by expanding and collapsing the group structure. To make use of this new function, run the selected report, and then select a group from the Group By field in the report configurations. Once the report data is generated, select the Show in Groups option from Groups column header.

Filters and Options

Group By: (None)

Address Type: (None)

Street Number: Division

Street Name: Enterprise

TerminalC

To show report data in groups, hover your mouse over the Groups column, and then click the black down arrow. Click the Show in Groups check box. To remove grouping, clear the Show in Groups check box.

Group	Vehicle ID	Vehicle Name	Vehicle Category	Active Days	Work Stops	Total Stops	Stop Time	Travel Time
Group: (Unassigned)								
(Unassigned)			West	1	3	7	0h:20m	0h:44m
(Unassigned)		T-QA	West	1	0	2	1h:00m	0h:00m
Group: Elkridge								
Elkridge	QCFO-1005	QA-CFO-1005	Elkridge	1	0	1	11h:38m	0h:00m
Elkridge	QCFO-3717	QA-CFO-3717	Elkridge	5	8	17	40h:50m	23h:02m
Elkridge	QCFO-8758	QA-CFO-8758	Elkridge	2	0	0	0h:00m	20h:50m
Group: Frederick								
Frederick	AA-0088	AA 0088	Frederick	1	5	7	1h:18m	0h:14m
Group: Leesburg								
Leesburg	RIDGESKI	Ridgeline JetSki		5	11	21	19h:28m	3h:12m
Group: Simulator								
Simulator	QCFO-0287	QA-CFO-0287		2	2	6	1h:01m	1h:14m
Simulator	Sim2478	Sim2478	SIM	1	5	7	1h:18m	0h:13m
Group: Sterling								
Sterling	2315BSM	Brians2315	Sterling	5	34	49	32h:11m	12h:27m
Sterling	OB-R30-2309	OB R30 2309	Sterling	4	4	12	24h:16m	3h:08m
Sterling	OR-1145	OR 1145	Sterling	4	4	12	8h:23m	7h:34m

GeoFence Options – Landmarks Report

Back to Report List

Filters and Options

Group By: (None)

Stop Time: >=

Stop Time (min.): 0

Landmark Category: Select None Select All
City Limits
Customer Client
Customer Site
Geo fence
Home
Office

Landmark Type: Select All
GeoFence
Non-GeoFence

Only Show Event Outside the ☐

Report Actions

Generate Save

The FleetOutlook 7.1 release introduced GeoFence Landmarks. The Landmarks Report now allows you to filter the generated report data by Landmark type. By default, both Landmark types are selected in the report configurations.

Daylight Savings Time (DST) Option

The Time Zone Panel includes options to load a report in the correct time zone as well as support adjustments made for daylight savings time. By default, this option is based on your computer's current clock settings.

Back to Report List

Breadcrumb Pacific ignore DST

Chronological list of events per vehicle

Scope

Group: BLUME Base Group Scope...

TimeZone Panel

Time Zone: ☒ Local (Pacific) ☐ Enterprise (Eastern)

Daylight Savings Time?: ☒

Date Range

Report On: Custom Date...
03/13/2012

Report Actions

Generate Schedule ⚙

Incomplete Data

FleetOutlook reports now 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.

Avg. Last Landmark Departure	Avg. Last Landmark Arrival	Avg. Last Ignition Off	Avg. Work Day	Active Driver Days	% of day at Work Orders	% of day at Landmarks	% of day Traveling	Total Segn
08:33 AM	08:49 AM	08:50 AM	***	1	0.0%	0.0%	***	
06:14 AM	07:21 AM	07:21 AM	***	1	0.0%	0.0%	***	
12:44 PM	01:20 PM	01:20 PM	4h:52m	1	0.0%	52.6%	8.5%	

Reports Tab – FleetOutlook Express

For customers using the FleetOutlook Express edition, there is a new Reports tab featuring the Posted Speed Violation Report.

The Posted Speed Violation Report provides data on the number and severity of speeding violations against the Posted Speed Limit (PSL) on roads where this value is available from DeCarta map information.

The screenshot displays the FleetOutlook Express interface. The top navigation bar includes the 'MATRIX' logo, 'FleetOutlook' branding, and user options like 'QAEXP | QAEXP Base Administrator', 'Sign out', and 'Help'. The main navigation menu has 'Tracking', 'Admin', 'Reports', and 'Support'. The 'Reports' tab is active, showing a 'Report Browser' with a 'New Report' button. The left sidebar contains a tree view with 'Performance' (expanded), 'Posted Speed Violation Report' (with a sub-item 'Speeding Violations'), 'My Saved Reports' (showing 'No Saved Reports Yet'), and 'Public Templates'. The main content area displays a table of speeding violations.

First Name	Last Name	Date/Time	Location	Speed(mph)	Over Limit(mph)	PSL(mph)
Kenneth	Lead	01-Oct-2012 11:39 AM EDT	US-181 US-181 Cor	65	10	55
Kenneth	Lead	01-Oct-2012 8:49 PM EDT	6692 McArdle Rd C	47	12	35
Kenneth	Lead	01-Oct-2012 9:26 PM EDT	TX-358 S Padre Isle	68	8	60
Kenneth	Lead	01-Oct-2012 9:36 PM EDT	US-181 US-181 Cor	62	7	55
James	Harrison	01-Oct-2012 2:49 PM EDT	321 Airline Rd Cam	42	7	35
Craig	Dewalt	01-Oct-2012 12:05 PM EDT	1251 Hwy 77 S Wc	80	10	70
Darrelle	Revis	01-Oct-2012 12:34 PM EDT	5166 TX-359 State	76	6	70
Darrelle	Revis	01-Oct-2012 12:42 PM EDT	9650 TX-359 Highw	57	12	45
Darrelle	Revis	01-Oct-2012 8:06 PM EDT	16751 US-281 S Hi	76	6	70
UNKNOWN	UNKNOWN	01-Oct-2012 8:45 AM EDT	TX-141 Kingsville Tr	68	13	55
UNKNOWN	UNKNOWN	01-Oct-2012 9:03 AM EDT	2756 Rodd Field Rd	53	8	45
UNKNOWN	UNKNOWN	01-Oct-2012 9:08 AM EDT	TX-358 S Padre Isle	72	12	60
UNKNOWN	UNKNOWN	01-Oct-2012 10:10 AM EDT	3614 Ayers St Verc	37	7	30
UNKNOWN	UNKNOWN	01-Oct-2012 10:37 AM EDT	TX-358 S Padre Isle	68	8	60
UNKNOWN	UNKNOWN	01-Oct-2012 10:42 AM EDT	TX-358 S Padre Isle	68	8	60
UNKNOWN	UNKNOWN	01-Oct-2012 10:43 AM EDT	TX-358 S Padre Isle	72	7	65
UNKNOWN	UNKNOWN	01-Oct-2012 11:41 AM EDT	2898 S Padre Islanc	64	19	45
UNKNOWN	UNKNOWN	01-Oct-2012 1:37 PM EDT	3529 Waldron Rd W	51	11	40
UNKNOWN	UNKNOWN	01-Oct-2012 1:39 PM EDT	Unnamed Street Co	52	12	40
UNKNOWN	UNKNOWN	01-Oct-2012 3:57 PM EDT	5852 Kostoryz Rd (45	10	35

7.2 Minor Enhancements

The following table highlights the minor enhancements included in the FleetOutlook 7.2 release.

TechDirect
When you select a Work Order on the Gantt chart, the bar on the Gantt chart is highlighted and the map automatically centers to the Work Order address.
FleetOutlook Admin
The Device Audit History screen now displays the date the device was added and activated in FleetOutlook Admin as well as who created the device.
Reports
With this release, the Unauthorized Usage Report now includes a new column that shows the accumulated amount of travel time during the unauthorized event.
FleetOutlook Admin now automatically hides Driver, Vehicle or Landmark categories that are inactive. When you click the Category drop-down arrow, the list displays only categories currently in use. This update is useful when creating an alert for a specific vehicle category. You will not create the alert for an inactive category.
FleetOutlook Express
The Driver ID was removed from the Vehicle Summary tab to simplify the view.

7.2 Minor Fixes

The following table highlights the minor enhancements included in the FleetOutlook 7.2 release.

Dashboard
The data bars on the Multiple Metrics Chart on the Dashboard now align for a precise understanding of the relationship between two different series of data.
Tracking – Map
When you filter FleetOutlook for a specific group using the Group Chooser button, the List View now displays all vehicles in the selected group.
Manage
The Add button on the Manage Manage Resources Schedule Profile tab is now active if your user profile has the appropriate permissions.
FleetOutlook Admin
On the Query Device Screen, the Features tab allows you to enter High Status Name and Low Status Name for each digital input. FleetOutlook Admin now limits the number of characters allowed in each of these fields to 30 characters or less. An error message displayed when you entered 31 characters or more.

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