



PRODUCT UPDATE

Q4 Updates Include:



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REPORTS

New Reports

- *Newly Created Jobs Report*
- *City State Zip Report*
- *Fuel Efficiency Report*

Report Updates

- *Update Fuel Purchase History*
- *New Delivery Schedules*
- *Future Report Timeframe Selector*



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POV

New Features

- *Fleet POV Separation Breakout*
- *Job ID on POV Print-out*

POV Updates

- *Self-dispatched Jobs (Maintenance)*
- *Landmarks selection included in reports*



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OTHER

Other Updates

- *Event Pop-up Larger*
- *Ping on demand AP3*
- *Tree Nodes more visible*

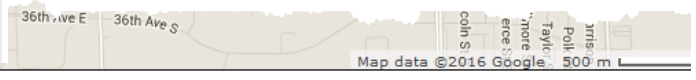
Admin User Updates

- *Devices Tab*
- *Allow Renaming of Groups*

Solar Powered Asset Tracker – 7+ Year Battery Life



Ping on Demand: This asset tracker allows you to ping the asset on demand and receive its current location within 15 minutes. This is helpful if you need data sooner than the normal daily satellite ping.



Request Reading		
Name	Value	Time
Address	4776 28th Ave S, Fargo, ND 58104, USA	Wed 20 Apr 2016 06
Battery Voltage	8.2 V	Wed 20 Apr 2016 06
Door Status	CLOSED	Wed 20 Apr 2016 06
Latitude	46.83685 °	Wed 20 Apr 2016 06
Longitude	-96.86746 °	Wed 20 Apr 2016 06
St./Prov.	North Dakota	Wed 20 Apr 2016 06

REPORTS

UPDATED REPORTS:

Fuel Purchase History Report: Upgraded to verify fuel purchases aren't fraudulent.

Linked Driver – to show if there was a different driver than the purchaser of the fuel.

Odometer and Vehicle Relative Location - to enable users to detect errors in location or GPS data.

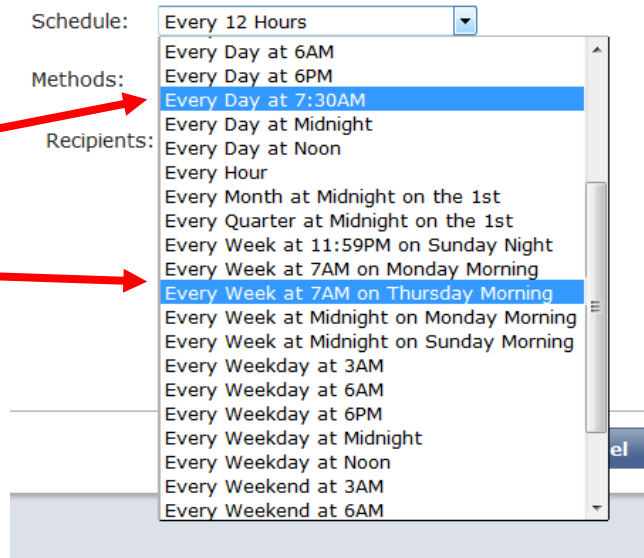
In this example, vehicles were given fuel purchase records from stations that were many miles from the actual location of the vehicle. The lat/long data from the asset at the time of fuel purchase is used to create relative location data. This can show you possible issues with any fuel purchase record.

Future Timeframe Selector: Jobs Due/Almost Due reports duration selector shows future dates so that reports will run on upcoming dates. This allows you to get a weekly report on jobs or maintenances that are due next week.

New Delivery Schedules: There are two new choices for setting a delivery schedule for reports.

Daily at 7:30 am

Thursdays at 7am



NEW REPORTS:

Newly Created Jobs Report: Now you can pull reports on newly created jobs. Save the report and add a delivery schedule to come directly to your inbox, or use as a dashboard module to keep up with what’s just been created. This is useful to accounts that have set any alarms to automatically create jobs, for jobs created in the field through FleetPOV, or any other events that trigger a job or maintenance.

Creation Time		Job ID	Job Name	Job Description	Job Notes	Target	Due Date
Apr 6, 2016, 10:07 AM	422633	1459955260	Inspection Failure: [NOTICE] Alarm: [Inspection Failure]	Ben has a [NOTICE] Alarm: [Inspection Failure] NOTICE level alarm at Wed 2016.04.06 at 10:07:36 AM CDT Tractor Glass : cracked windshield	Ben	Apr 6, 2016, 10:08 AM	
Apr 6, 2016, 10:31 AM	422651	1459956546	Genesis E-BOL	Dave Hester the Safety Director needs to see you when you get back.	Trailer FM	Apr 7, 2016, 10:29 AM	
Apr 7, 2016, 8:58 AM	423175	1460037532	Inspection Failure: [NOTICE] Alarm: [Inspection Failure]	Robert has a [NOTICE] Alarm: [Inspection Failure] NOTICE level alarm at Thu 2016.04.07 at 08:58:40 AM CDT Brake Lines To Trailer : Broken	Robert	Apr 7, 2016, 8:59 AM	
Apr 7, 2016, 9:46 AM	423221	1460040265	AIS EQ Return	Talk to Melynda Borrego or David Herrera when you get back.	Backhoe 758	Apr 7, 2016, 9:44 AM	
Apr 7, 2016, 3:13 PM	423443	1460059926	Oil Change		International 325	Sep 3, 2014, 3:35 PM	
Apr 8, 2016, 2:19 PM	424007	1460143194	Inspection Failure: [NOTICE] Alarm: [Inspection Failure]	Freightliner 278 has a [NOTICE] Alarm: [Inspection Failure] NOTICE level alarm at Fri 2016.04.08 at 02:19:43 PM CDT Exhaust : crack in exhaust	Freightliner 278	Apr 9, 2016, 2:19 PM	

City State Zip Report: This new report shows where you asset is currently located by city, state, and zip. It also includes the date and time stamp of the last data check in.

The screenshot shows a web application interface for generating a 'City State Zip Report'. At the top, there is a navigation menu with 'Assets' and a sub-menu for 'Equipment'. Below this, there are 'Generate Report' and 'Save Report' buttons. The main content area displays a table with the following columns: Asset, City, State, Zip, and Time. The table lists 20 different pieces of equipment, such as Backhoe 758, Boom Lift 5123, and various excavators and generators, along with their respective locations and last check-in times.

Asset	City	State	Zip	Time
Backhoe 758	Williston	ND	58801	4/12/2016 10:33
Boom Lift 5123	Williston	ND	58801	4/12/2016 10:18
Compressor 110	Fort Collins	CO	80524	4/12/2016 08:03
Excavator 113	Carlele	IA	50047	2/2/2016 09:51
Excavator 433	Commerce City	CO	80022	4/12/2016 08:00
Forklift 313	St Cloud	MN	56304	4/12/2016 10:13
Generator D123	Germentown	TN	38138	4/12/2016 10:01
Generator LD315	Burna	WY	82053	4/12/2016 10:01
Heater 111	Stanley	ND	58784	4/12/2016 06:10
Lift X215	Toga	ND	58052	4/12/2016 10:30
Light Tower 5854	Commerce City	CO	80022	4/12/2016 07:00
Loader 3536	Midland	MI	40640	4/12/2016 09:55
RTV - Robert HBT	Fargo	ND	58104	1/8/2016 16:40
RTV 755	Lindale	TX	75771	4/12/2016 10:42
Semi-tractor 15A	Hutchinson	MN	55350	4/12/2016 10:38
Skidsteer 56W	Stardon	TX	79782	4/12/2016 06:10
Skidsteer X51	Dickinson	ND	58001	4/12/2016 07:12
Trencher 5X4	Williston	ND	58801	4/12/2016 10:33
Western Star 255	Woodward	OK	73801	4/12/2016 10:27

Fuel Efficiency Report: This report will show asset by asset, a spreadsheet of daily statistics on MPG, Driving MPG, Idle Fuel Usage, Idle Hours, and Miles. You set the duration and the report will figure the average for that time period as well as the maximums, minimums and totals.

The screenshot shows a 'Fuel Efficiency Report' for the time range of 12:00 AM 04/11/2016 to 12:00 AM 04/18/2016. The report is generated at 09:42 AM 04/18/2016. It features a table with columns for Vehicle/Driver, MPG, Driving MPG, Idle Fuel Usage, Idle Hours, and Miles. The data is presented for two vehicles: Freightliner 229 and Freightliner 278, with daily statistics and summary rows for Max, Min, Average, and Total.

Vehicle/Driver	MPG	Driving MPG	Idle Fuel Usage	Idle Hours	Miles
Freightliner 229					
Apr 11, 2016	5.92	6.04	2	13.42	622.54
Apr 12, 2016				15.74	514.8
Apr 13, 2016	846.62	846.62	0	16.21	423.31
Apr 14, 2016				16.76	439.93
Apr 15, 2016	2478.96	2478.96	0	12.6	619.74
Apr 16, 2016				13.46	667.9
Apr 17, 2016	804.93	804.93	0	15.72	503.08
Max	2478.96	2478.96	2	16.76	667.9
Min	5.92	6.04	0	12.6	423.31
Average	1034.11	1034.14	0.5	14.84	541.61
Total			2	103.91	3791.3
Freightliner 278					
Apr 11, 2016				0	0
Apr 12, 2016			0.4	0.41	0

POV

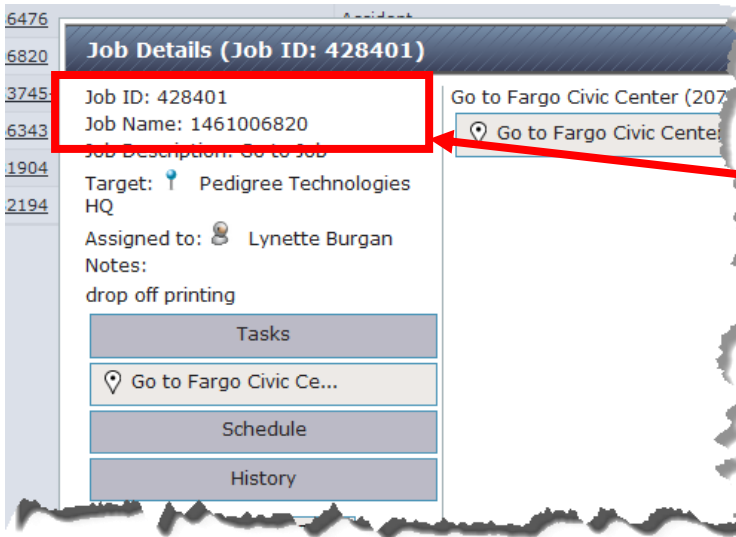


FleetPOV Separation Breakout: There are multiple uses for the FleetPOV app and your company can choose which features of the app that you have access to. You do not have to use all of the features of POV, you can narrow your account down to only the features that are right for your needs. See your account manager for more information or to request features.

Fuel		Use POV to track fuel purchases by uploading fuel records, including a photo record of receipts.
Jobs/ Maintenance		Jobs and maintenance can be dispatched from OneView or self-dispatched out by POV users in the field. Run reports in OneView on all jobs and targets/landmarks, even when they originate on a tablet in the field.
Messaging		Use POV to send and receive messages.
Electronic Logs		Get ahead of the ELD mandate by deploying FleetPOV with all your drivers who will be required to use electronic driving logs by December 2017.
Inspections		Use POV to create digital records of all pre and post trip inspections allowing you to track inspection failures through alarms and reports, including triggering the creation of maintenance tickets.

Job ID on POV Print Out: When printing a form from POV, the job ID will be included in the print form.

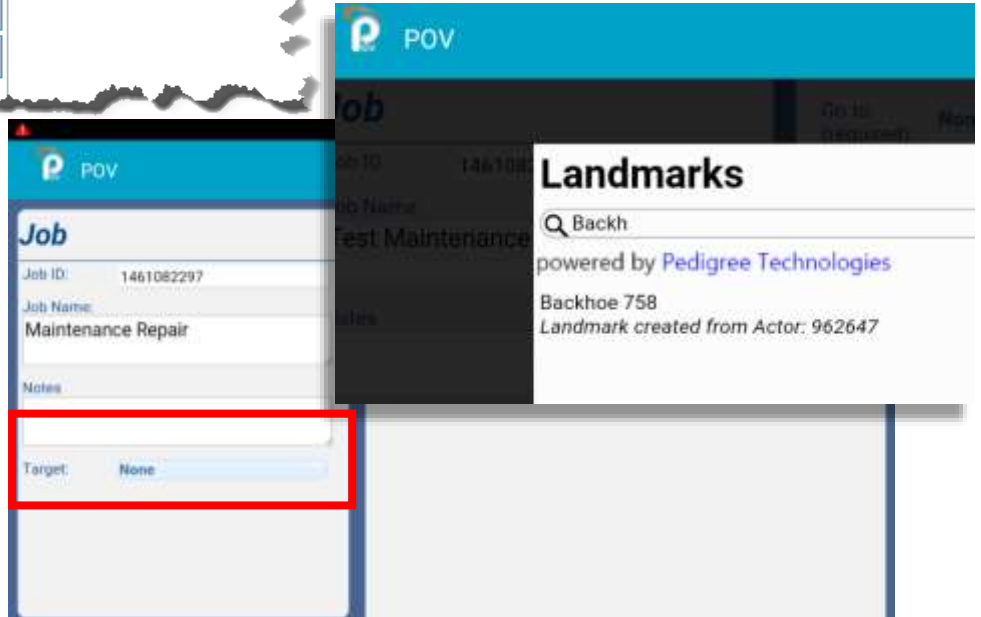
The screenshot shows the POV app interface. On the left, a 'Jobs' list displays a job ID '1461006820' highlighted in a red box. Below the list are buttons for 'Print' and 'Save', with 'Print' also highlighted in a red box. A central dialog box prompts the user to 'CHOOSE PRINTER...'. On the right, a printout for 'Demo Shipping Service' is shown, with the 'Job ID: 428401' and 'Job: 1461006820' fields highlighted in red boxes. The printout also includes an address: '1234 5th St. Fargo, ND 58102' and a phone number '555 555 5555'.



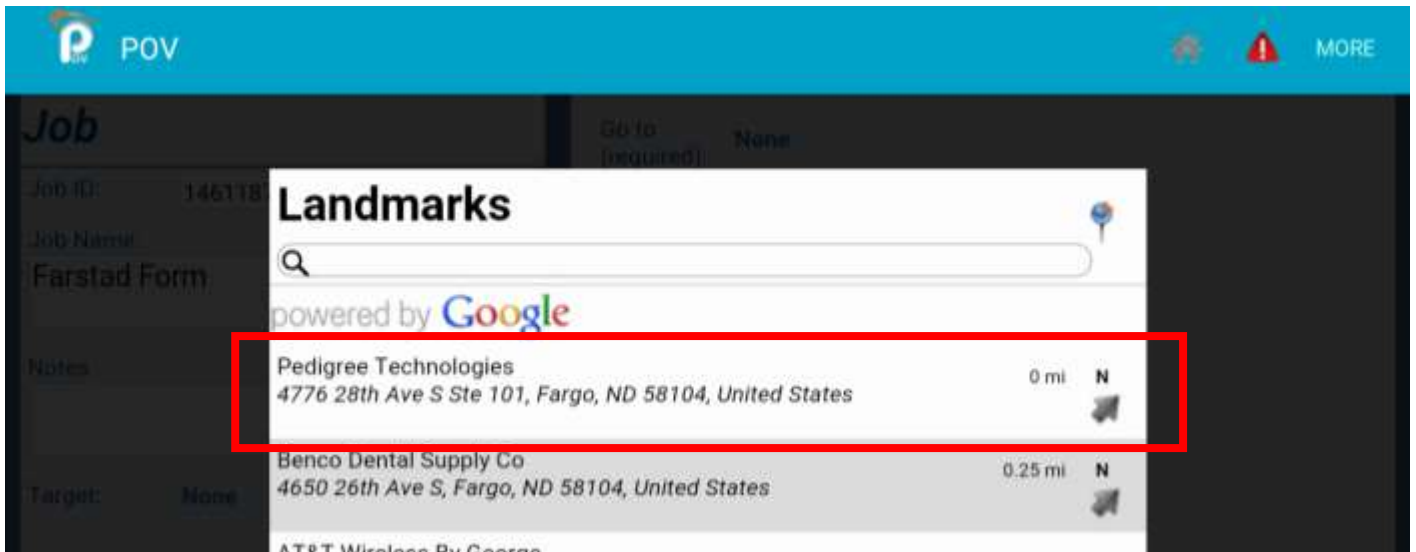
Notice that the job ID on the above form that is printed directly from the POV app matches the Job ID in OneView pictured here.

Self-Dispatched Jobs with Assets:

From the POV app, create maintenance jobs in the field with access to asset selection via the Landmark search when you select a target.



Landmarks selected in a place-picker in POV on any self-dispatched jobs or maintenance tickets will be set as roles on that form, allowing reports to be run in OneView on those landmarks.



Targets/Landmarks selected in POV

1. Target Location selected from list in the Landmark selector
2. Go To (pick up)
3. Go To (drop off)

Any of these locations can be selected in reports in OneView so you can see how many jobs involved any one or all of these landmark locations.



Target	Assignee	Job Name	Job Description	Assigned	Due Date	Started	Completed	Current Status	Duration
Pedigree Technologies HQ	Lynette Burgan	1461006820	Go to Job	Apr 18, 2016, 2:15 PM		Apr 18, 2016, 2:15 PM	Apr 18, 2016, 2:29 PM	Done	0h13
Pedigree Technologies HQ	Doty Jo (CSS)	1397159012	Silverwater Transport	Oct 29, 2015, 8:18 AM	Apr 17, 2014, 2:43 PM	Aug 5, 2014, 9:01 AM		In Progress	0h00
Pedigree Technologies HQ	Jacob Dahl	1398185145	Simple Delivery	Apr 22, 2014, 11:52 AM	Apr 22, 2014, 11:45 AM	Oct 30, 2015, 2:31 PM		In Progress	0h00
Pedigree Technologies HQ	Andrew Christensen	1444160370	Oil Delivery	Apr 14, 2016, 12:07 PM	Oct 5, 2015, 1:59 PM	Oct 8, 2015, 2:43 PM		In Progress	0h00
Pedigree Technologies HQ	Phil Ostlie	1460382193	Roofers Mart Delivery	Apr 14, 2016, 10:48 AM	Apr 11, 2016, 8:38 AM	Apr 11, 2016, 8:52 AM		In Progress	0h00

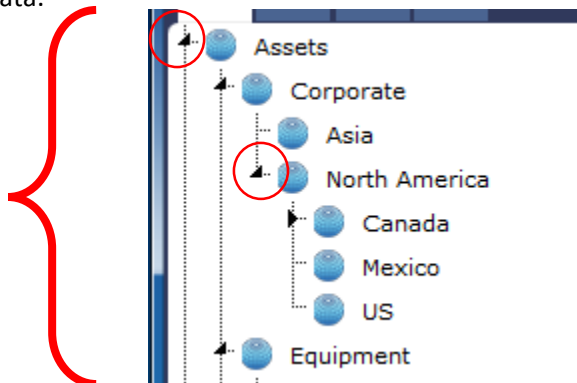
Target	Assignee	Job Name
Pedigree Technologies HQ	Lynette Burgan	1461006820
Pedigree Technologies HQ	Doty Jo (CSS)	1397159012
Pedigree Technologies HQ	Jacob Dahl	1398185145
Pedigree Technologies HQ	Andrew Christensen	1444160370
Pedigree Technologies HQ	Phil Ostlie	1460382193

Run Reports like the **Job History by Target Report** to see all the Job's that include any landmark selection.

OTHER UPDATES

Visual enhancements include better visibility for **tree nodes** in the asset tree, and the **event pop-up** is now about 33% larger for better access to the map and event data.

Asset Tree Nodes are now **black** for better visibility



Admin User Updates:

Devices Tab: Administrators now have a devices tab allowing access to see all their devices in two lists, assigned and unassigned. Each column is sortable by clicking the blue column header.

The screenshot shows the 'ADMIN' section of the OneView interface. Under the 'ADMIN' tab, the 'Devices' sub-tab is selected. It displays two tables of device information.

Table 1: Unassigned Devices

Status	Last Reading	Device Name	Linked Asset	Asset Lifecycle Status	Device Model	Device Prov
⊘		0c9c16a9-1e49-41de-ae79-65ce90d1ebb3			AndroidTablet	02:50 PM 06/21/2012
⊘		0c24ff7b-bcaa-4c7c-aea0-73ca09e33263			AndroidTablet	06:38 PM 08/25/2012
⊘		0fa7e340-a79b-452c-9311-2b8d6d0d2ce2			AndroidTablet	11:14 AM 07/01/2013

Table 2: Assigned Devices

Status	Last Reading	Device Name	Last Asset	Last Asset Lifecycle	De
⊘	11:54 AM 03/01/2016	LMU_4342081587	TT020-Jake Ball	Retired	Calamp Fleet M
⊘	05:17 PM 04/03/2013	LMU_4342088073			Calamp Fleet M
⊘	04:52 PM 02/06/2012	LMU_4441011291	Test		Calamp Fleet M
⊘	02:41 PM 11/27/2013	LMU_4443001990			Calamp Heavy Diagnostics 1.0
⊘	10:08 AM 10/30/2013	LMU_4443002523	j1708 provi: HFM w Diag		Calamp Heavy Diagnostics 1.0
⊘	03:17 AM	LMU_4443004524	40103	Retired	Calamp Heavy

The screenshot shows the 'Groups' sub-tab in the Admin interface. A 'Create New Group' dialog is open, showing a list of groups: 'Fargo' and 'Minot'. The 'Edit Group Name' button is highlighted with a red arrow.

Administrators can now rename groups:

From the Admin tab at the top, click on Groups.

In your list of groups, open up the group by clicking on the underlined name of the group to reveal the editing buttons.

Now use the Edit Group Name button to rename the selected group.