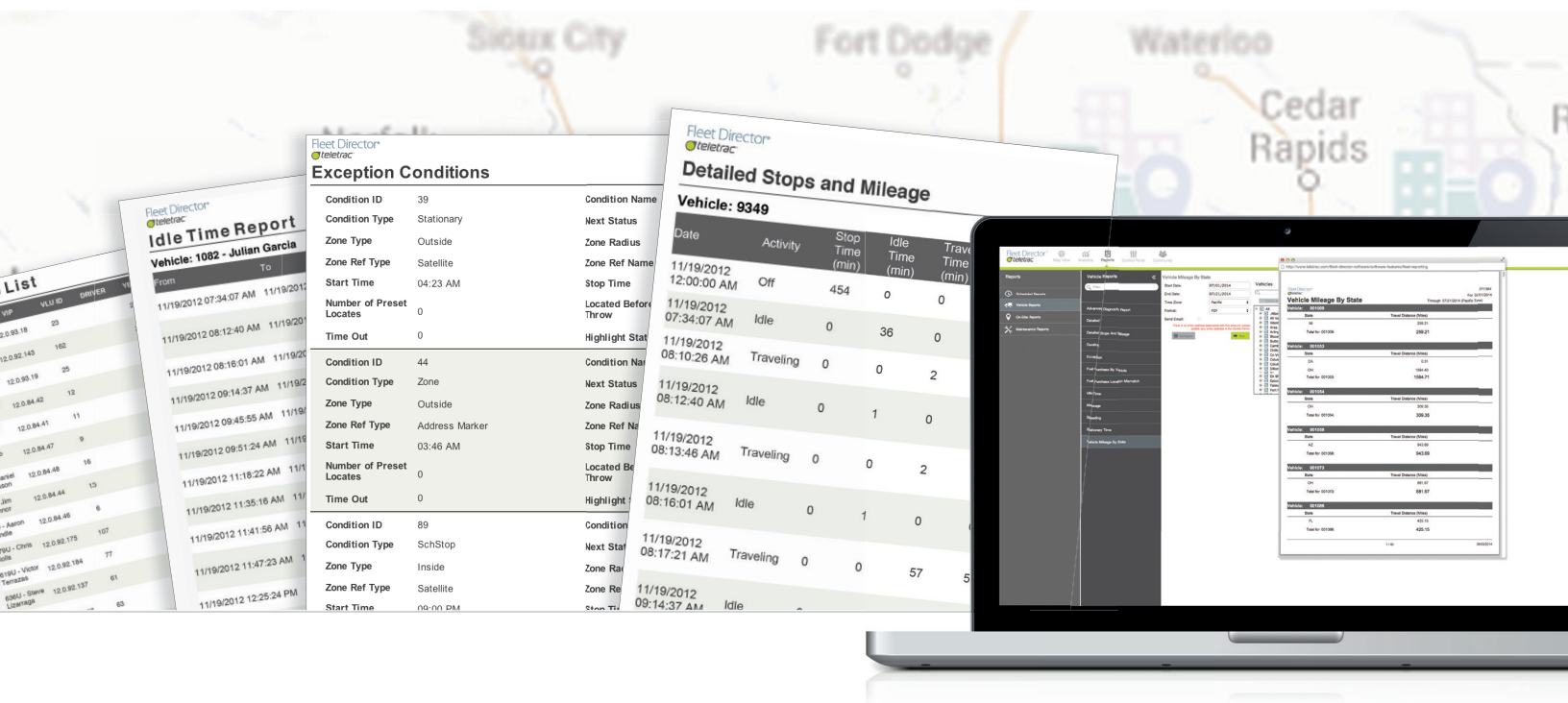


Enterprise Edition Reports Overview



Monitoring

Fuel Management

Timecard and Overtime Management

Job and Customer Management

Dispute Resolution

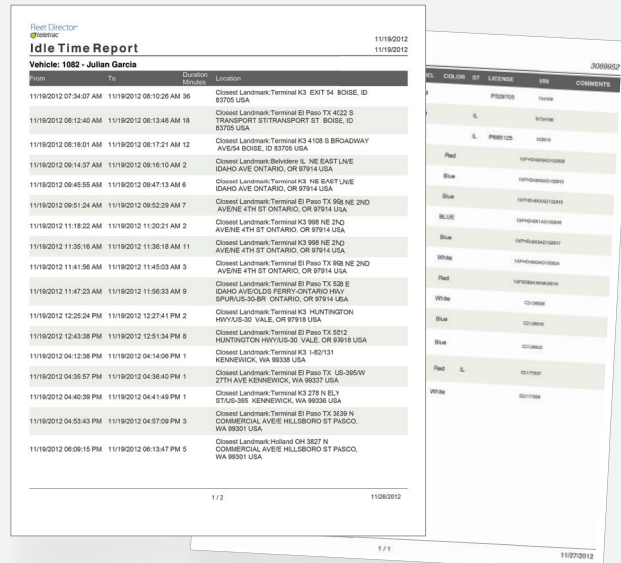
Safety and Security

Vehicle/Asset Management

Reporting Overview

A report overview and index of reports.

Teletrac exists to give owners and managers the fleet automation software tools to drive their business forward. Location intelligence, from engine start time to mileage to alerts to service mileage scheduling, provides a backbone to those fleet automation decisions. Teletrac's Fleet Director includes 21 Enterprise edition reports.



Report Index

- Detailed Stops and Mileage Report
- Fuel Usage Report
- Vehicle Diagnostic Report
- Idle Time Report
- Exception Report
- On-Site by Vehicle Report
- Duration Report
- Speeding Report
- Catastrophic Vehicle Event Report
- Stationary Time Report
- Vehicle Service Report
- Delivery Performance by Vehicle Report
- Delivery Performance By Site Report
- Detailed Report
- Message Report
- On-Site Detailed Report
- Exception Conditions Report
- Landmark List Report
- Vehicle List Report
- Subfleet List Report
- Vehicle Mileage By State Report



Reports by Activity Goal

Goals

Monitoring: Know what's going on in the field and get a bird's-eye view of the fleet

Reports	How Report Addresses Goal
Detailed Stops and Mileage Report	Gives detail of all stops and distance traveled as well as idle time and travel time between stops with a summary of the stop/idle/travel percentages for any given day.
Fuel Usage Report	Gives travel distance, idle & PTO time, average speed and fuel used within a selected date range.
Exception Report	Gives a report history of exceptions by selected date.
Idle Time Report	Gives an in-depth view of all idle time by location.
Speeding Report	Gives detailed incidents of speeding within a selected date range.
Stationary Time Report	Gives an overview of duration and locations where the vehicle is stationary.
Duration Report	Gives a detail list of durations by status.
Vehicle Mileage By State	Gives miles traveled per state, per vehicle, for a selected date range.

Fuel Management: Drive down fuel use and eliminate avoidable idle time

Reports	How Report Addresses Goal
Fuel Usage Report	Gives travel distance, idle & PTO time, average speed and fuel used within a selected date range.
Exception Report	Gives a report history of exceptions by selected date.
Idle Time Report	Gives an in-depth view of all idle time by location.
Speeding Report	Gives detailed incidents of speeding within a selected date range.
Vehicle Service Report	Gives detail about maintenance and service specifics by vehicle.

Job and Customer Management: Increase the number of jobs, track customer visits and monitor on-time delivery

Reports	How Report Addresses Goal
On-Site by Vehicle Report	Gives detail by vehicle of time spent at both user-defined sites and addresses for a selected date range.
Detailed Stops and Mileage Report	Gives detail of all stops and distance traveled as well as idle time and travel time between stops with a summary of the stop/idle/travel percentages for any given day.
Delivery Performance by Vehicle Report	Gives performance overview versus the planned schedule – organized by vehicle.
Delivery Performance by Site Report	Gives performance overview versus the planned schedule – organized by sites.

Dispute Resolution: Get detail to manage internal and external disputes

Reports	How Report Addresses Goal
Catastrophic Vehicle Event Report	Gives second-by-second detail in to a hard stop or vehicle impact incident.
Detailed Report	Gives a detailed list of each event that the vehicle reports, including location points and messages.
Message Report	Gives all messages sent to and from specific vehicles in the field. Easily configure and filter the messages that show under the report.
On-Site Detailed Report	Gives an overview of status changes and messages detailed by user-defined sites.

Safety and Security Management: Promote safe behaviors and eliminate loss prevention

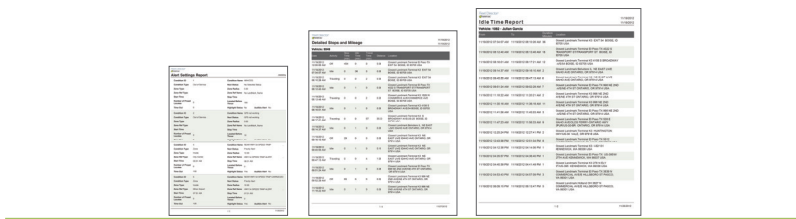
Reports	How Report Addresses Goal
Exception Report	Gives a report history of exceptions by selected date.
Speeding Report	Gives detailed incidents of speeding within a selected date range.
Vehicle Service Report	Gives detail around maintenance and service specifics by vehicle.

Vehicle/Asset Management: Manage vehicle uptime and asset/settings lists

Reports	How Report Addresses Goal
Vehicle Diagnostics Report	Gives a detailed breakdown of diagnostic and fault code alerts for a selected date range.
Exception Report	Gives a report history of exceptions by selected date.
Stationary Time Report	Gives an overview of duration and locations where the vehicle is stationary.
Exception Conditions Report	Gives a list of exception conditions which trigger alerts.
Landmark List Report	Gives a list of all defined landmarks.
Vehicle List Report	Gives a list of all vehicles or assets with detail such as make/model/year, VIN and custom comments.
Subfleet List Report	Gives a list of all user-defined subgroups with the corresponding assets and vehicles.



Reports Detailed





Detailed Stops and Mileage Report

Gives detail of all stops, distances traveled, idle time and travel time.
See a daily summary view for all vehicles.

Goals

Monitoring
Job and Customer
Management

Highlights

- Provides a log of a vehicle's stop, idle and travel activity in chronological order and the context of location.

Advantages

- Beneficial for seeing the detail where excessive idle time or stop time is happening by location for a clear training intervention.

In this actual client report, see stop-idle-travel minutes between locations with a % summary for the day at the bottom of the report.

Fleet Director [®]							11/19/2012
teletrac							11/19/2012
Detailed Stops and Mileage							
Vehicle: 9349							
Date	Activity	Stop Time (min)	Idle Time (min)	Travel Time (min)	Distance	Location	
11/19/2012 12:00:00 AM	Off	454	0	0	0.00	Closest Landmark: Terminal El Paso TX EXIT 54 BOISE, ID 83705 USA	
		0	36	0	0.00	Closest Landmark: Terminal K3 EXIT 54 BOISE, ID 83705 USA	
11/19/2012 08:10:26 AM	Traveling	0	0	2	0.00	Closest Landmark: Terminal K3 EXIT 54 BOISE, ID 83705 USA	
11/19/2012 08:12:40 AM	Idle	0	1	0	0.00	Closest Landmark: Terminal El Paso TX 4022 S TRANSPORT ST/TRANSPORT ST BOISE, ID 83705 USA	
11/19/2012 08:13:46 AM	Traveling	0	0	2	0.20	Closest Landmark: Terminal K3 1528 W COMMERCE AVE/COMMERCE AVE BOISE, ID 83705 USA	
11/19/2012 08:16:01 AM	Idle	0	1	0	0.00	Closest Landmark: Terminal K3 4108 S BROADWAY AVE/54 BOISE, ID 83705 USA	
Totals for 9349:		784	306	331	292	# Stops:28	
% of Time in Status:		55%	22%	23%			
All Vehicles							
Grand Totals:		784	306	331	292	28	
		55%	22%	23%			



Fuel Usage Report

Provides information about travel, idle & PTO time as well as distance, average speed and fuel use within a selected date range.

Goals

Vehicle/Asset Management

Highlights

- Provides a breakdown of fuel used per vehicle during travel, idle and PTO time.
- Also provides MPG and average vehicle speed.

Advantages

- Beneficial for managing shifts, territories, regions and vehicle types for areas of management responsibility.

In this actual client report, see total fuel used per vehicle, as well as MPG and average speed.

Fleet Director
teletrac

Fuel Usage Report

For 01/10/2012 00:00:00
Through 03/10/2012 00:00:00 (Pacific Time)

Vehicle	Travel Distance (Miles)	MPG	Average Speed (MPH)	Travel Time (Hours)	Idle Time (Hours)	PTO Time (Hours)	Travel Fuel (Gallons)	Idle Fuel (Gallons)	PTO Fuel (Gallons)	Total Fuel (Gallons)
BOB125	7852	14.5	43.1	182.03	27.30	9.10	541.52	81.23	27.08	649.82
GAG334	7006	20.1	30.6	228.92	34.34	11.45	348.56	52.28	17.43	418.27
FHR840	19302	19.5	40.1	480.98	72.15	24.05	989.85	148.48	49.49	1187.82
RXC142	1181	13.8	33.0	35.81	5.37	1.79	85.58	12.84	4.28	102.70
GTL407	1184	18.3	44.8	26.40	3.96	1.32	64.70	9.70	3.23	77.64
WJ711	7234	12.4	41.8	172.87	25.93	8.64	583.39	87.51	29.17	700.06
BBY855	166	11.6	30.4	5.46	0.82	0.27	14.31	2.15	0.72	17.17
AVERAGE	6275	15.7	37.71	161.78	24.27	8.09	375.41	56.31	18.77	450.50



Vehicle Diagnostic Report

Gives a detailed breakdown of diagnostic and fault code alerts for a selected date range.

Goals

Vehicle/Asset Management

Highlights

- Includes time and odometer reading for listed events.
- Lists fault codes, the vehicle module which triggered the fault and advisory notes about the fault.

Advantages

- Beneficial for remotely diagnosing vehicle faults and proactively planning repairs.

In this actual client report, see fault codes triggered for fuel delivery pressure, coolant levels and temperatures.

Fleet Director [®] teletrac					
Vehicle Diagnostic					For 11/8/2012 12:00:00 AM through 11/8/2012 11:59:00 PM
VEHICLE NAME: 7804A					
Event Time	Odometer	Module	PID/SID	FMI	Count
11/8/2012					
8:13:18 AM	198730.4	128-Engine #1	94-Fuel Delivery Pressure	1-Data valid but below normal operational range	
9:53:03 AM	198776.8	No fault code was reported			
10:40:43 AM	198791.1	128-Engine #1	94-Fuel Delivery Pressure	1-Data valid but below normal operational range	
		No fault code was reported			
VEHICLE NAME: 7810A					
Event Time	Odometer	Module	PID/SID	FMI	Count
11/8/2012					
12:10:17 PM	195800.8	128-Engine #1	110-Engine Coolant Temperature	3-Voltage above normal or shorted high	
2:25:38 PM	195800.8	No fault code was reported			
2:40:39 PM	195803.2	128-Engine #1	111-Coolant Level	1-Data valid but below normal operational range	
VEHICLE NAME: 7812D					
Event Time	Odometer	Module	SPN	FMI	Count
11/8/2012					
8:29:42 AM	218020.5	No fault code was reported			
10:17:05 AM	218071.3	No fault code was reported			



Idle Time Report

Gives detail of all idle time by location.

Goals

Monitoring
Fuel Management

Highlights

- Provides to and from times between locations.
- Lists idle time in minutes.

Advantages

- Beneficial to see idle time isolated.

In this actual client report, see idle minutes between locations.

Fleet Director
teletrac

11/19/2012

11/19/2012

Idle Time Report

Vehicle: 1082 - Julian Garcia

From	To	Duration Minutes	Location
11/19/2012 07:34:07 AM	11/19/2012 08:10:26 AM	36	Closest Landmark:Terminal K3 EXIT 54 BOISE, ID 83705 USA
11/19/2012 08:12:40 AM	11/19/2012 08:13:46 AM	18	Closest Landmark:Terminal EI Paso TX 4022 S TRANSPORT ST/TRANSPORT ST BOISE, ID 83705 USA
11/19/2012 08:16:01 AM	11/19/2012 08:17:21 AM	12	Closest Landmark:Terminal K3 4108 S BROADWAY AVE/54 BOISE, ID 83705 USA
11/19/2012 09:14:37 AM	11/19/2012 09:16:10 AM	2	Closest Landmark:Belvidere IL NE EAST LN/E IDAHO AVE ONTARIO, OR 97914 USA
11/19/2012 09:45:55 AM	11/19/2012 09:47:13 AM	6	Closest Landmark:Terminal K3 NE EAST LN/E IDAHO AVE ONTARIO, OR 97914 USA
11/19/2012 09:51:24 AM	11/19/2012 09:52:29 AM	7	Closest Landmark:Terminal EI Paso TX 998 NE 2ND AVE/NE 4TH ST ONTARIO, OR 97914 USA
11/19/2012 11:18:22 AM	11/19/2012 11:20:21 AM	2	Closest Landmark:Terminal K3 998 NE 2ND AVE/NE 4TH ST ONTARIO, OR 97914 USA
11/19/2012 11:35:16 AM	11/19/2012 11:36:18 AM	11	Closest Landmark:Terminal K3 998 NE 2ND AVE/NE 4TH ST ONTARIO, OR 97914 USA

From	To	Duration Minutes	Location
11/19/2012 06:55:56 PM	11/19/2012 07:06:32 PM	11	Closest Landmark:Terminal EI Paso TX 3825 N COMMERCIAL AVE/E HILLSBORO ST PASCO, WA 99301 USA
11/19/2012 08:15:23 PM	11/19/2012 11:59:00 PM	224	Closest Landmark:Terminal K3 3823 N COMMERCIAL AVE/E HILLSBORO ST PASCO, WA 99301 USA
Total for 1082 - Julian Garcia:		314	



Exception Report

Gives a report history of exceptions by selected date.

Goals

Monitoring
Fuel Management
Safety and Security Management
Vehicle/Asset Management

Highlights

- Includes detail for pre-defined and customized exceptions.
- Notifications are displayed under exceptions in the Fleet Director software interface.

Advantages

- Beneficial for seeing notifications for a given time period and managing exceptions defined by the business.

In this actual client report, see exceptions triggered for vehicles moving inside an important landmark perimeter (geo-fence).

Fleet Director® teletrac		Exception		For 11/7/2012 12:00:00 AM through 11/8/2012 11:59:59 PM
		<u>Status</u>	<u>Exception</u>	
VEHICLE NAME: 278 - Marlin Miles				
11/8/2012				
6:08:51 AM	ON		Inside belv	
7:28:50 AM	OF		Inside belv	
8:28:50 AM	ON		Inside belv	
9:57:23 AM	ON		Inside belv	
10:18:25 AM	ON		Inside belv	
VEHICLE NAME: 447 - Danny Dukes				
11/8/2012				
6:32:09 AM	ON		Inside holland	
VEHICLE NAME: 539 - Vern Cadwallader				
11/7/2012				
3:10:36 AM	ON		Inside belv	
4:17:20 AM	ON		Inside belv	
4:51:53 AM	ON		Inside belv	
5:10:23 AM	ON		Inside belv	
VEHICLE NAME: 547 - Runder Smith				
11/7/2012				
11:32:28 AM	ON		Inside belv	
11:37:09 AM	ON		Inside belv	
VEHICLE NAME: 563 - Kyle Hovey				
11/8/2012				
6:55:18 AM	ON		Inside belv	



On-Site by Vehicle Report

Gives detail by vehicle of time spent at both user-defined landmarks and addresses for a selected date range.

Goals

Job and Customer Management

Highlights

- Provides a summary of time landmarks at sites of interest, such as customer locations.
- Report includes customizable filters to highlight excessive time a vehicle spent at a location.

Advantages

- Beneficial for easily seeing where vehicles are spending excessive time to manage and train for increased productivity.

In this actual client report, see highlighted time on-site concerns based on time thresholds set by the user.

Fleet Director®
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On-Site by Vehicle For 11/7/2012 12:00:00 AM through 11/8/2012 11:59:59 PM

VEHICLE NAME: 278 - Marlin Miles

Date	Location	Elapsed Time
11/7/2012	Terminal K3	11:41
11/8/2012	Belvidere IL	04:24
11/8/2012	Terminal K3	00:21

Number of On Site visits: 3
Elapsed Time: 16:26

Other Stops:

Date	Street	Elapsed Time
11/7/2012	8362 N 4000E RD @ SERVICE RD MANTENO, IL 60950	00:05
11/7/2012	1543 N BOUDREAU RD BETWEEN E REDWOOD AVE AND N GROVE ST MANTENO, IL 60950	00:12
11/7/2012	GERALD R FORD FWY/I-196 CASCO TWP, MI 49090	00:09
11/7/2012	4498 CENTURY CENTER ST SW @ RIVERTOWN CIR SW GRANDVILLE, MI 49418	00:36
11/7/2012	289 LAFAYETTE ST BETWEEN GRAND RAPIDS ST AND CIDER MILL DR MIDDLEVILLE, MI 49333	00:07
11/7/2012	498 EAGLE DR @ GRAND RAPIDS ST MIDDLEVILLE, MI 49333	00:06
11/7/2012	900 GRAND RAPIDS ST @ CIDER MILL DR MIDDLEVILLE, MI 49333	00:07
11/7/2012	289 LAFAYETTE ST @ GRAND RAPIDS ST MIDDLEVILLE, MI 49333	00:06
11/8/2012	E 8TH RD/CR-43 NORTH UTICA, IL 61373	00:16
11/8/2012	922 W 21ST ST BETWEEN S PEORIA ST AND W 21ST ST CHICAGO, IL 60608	01:27

VEHICLE NAME: 438 - Daniel Gutierrez



Duration Report

Gives a detail list of durations by status.

Goals

Monitoring

Highlights

- Standard statuses include time between ignition on/off, time traveling, etc.
- Report expands for other status choices with optional features like enhanced timecarding.

Advantages

- Beneficial as a basic timecard report.



Duration

For 11/19/2012 12:00 AM through 11/19/2012 11:59 PM (Central Time)

Start Status= ON and End Status= OF

Start Time	End Time	Duration	Location
VEHICLE NAME: AG3595			
11/19/2012			
5:04:01 AM	5:24:49 AM	00:20:48	S Closest Landmark: ANW CHARLOTTE
5:24:49 AM			E 5255 OLD DOWD RD & BOYER ST CHARLOTTE NC 28208
5:26:35 AM	5:47:38 AM	00:21:03	S 5243 OLD DOWD RD & BOYER ST CHARLOTTE NC 28208
5:47:38 AM			E I-77 & 90 FORT MILL SC 29715
5:57:46 AM	6:10:50 AM	00:13:04	S I-77 & 90 FORT MILL SC 29715
6:10:50 AM			E Closest Landmark: AMG
7:23:19 AM	7:43:32 AM	00:20:13	S Closest Landmark: AMG
7:43:32 AM			E MT HOLLY RD/SC-901 ROCK HILL SC 29730
7:59:13 AM	8:20:42 AM	00:21:29	S MT HOLLY RD/SC-901 ROCK HILL SC 29730
8:20:42 AM			E BELTLINE RD & ECOLOGY RD CHESTER SC 29706
8:30:54 AM	9:09:06 AM	00:38:12	S BELTLINE RD & ECOLOGY RD CHESTER SC 29706
9:09:06 AM			E 3018 LANCASTER HWY/SC-9 RICHBURG SC 29729
9:13:36 AM	12:42:19 PM	03:28:43	S 3018 LANCASTER HWY/SC-9 RICHBURG SC 29729
12:42:19 PM			E 154 W MILL ST & US-52 KINGSTREE SC 29556
12:45:52 PM	4:59:50 PM	04:13:58	S 152 W MILL ST & US-52 KINGSTREE SC 29556
4:59:50 PM			E 293 JAMES L TAYLOR RD/JAMES F TAYLOR DR RIDGELAND SC 29936
5:05:03 PM	5:06:39 PM	00:01:36	S 447 JAMES L TAYLOR RD & BLUE HERON DR RIDGELAND SC 29936
5:06:39 PM			E 409 JAMES L TAYLOR RD & BLUE HERON DR RIDGELAND SC 29936

In this actual client report, see durations by status broken down in detail throughout the day for this vehicle.



Speeding Report

Gives detailed incidents of speeding within a selected date range.

Goals

Monitoring
Fuel Management
Safety and Security
Management

Highlights

- Includes time, speed and directional correlation with reporting locations.

Advantages

- Beneficial for getting detail about speeding incidents for monitoring and addressing through training.

In this actual client report, see speeding incidents broken down by vehicle.

Fleet Director®
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Speeding Report For 11/12/2012 12:00:00 AM through 11/19/2012 11:59:00 PM

VEHICLE NAME: 318630

Date: 11/12/2012

Time	Message	MPH	Location
2:54:49 PM	Speeding	71mph NW	I-26 & VALLEY RIDGE RD, SWANSEA, SC 29160
	Speeding	72mph N	I-77 & 34, WINNSBORO, SC 29180

VEHICLE NAME: 327475

Date: 11/13/2012

Time	Message	MPH	Location
1:19:01 PM	Speeding	70mph W	I-85 & 94, LEXINGTON, NC 27292

VEHICLE NAME: AY9422

Date: 11/12/2012

Time	Message	MPH	Location
11:19:52 AM	Speeding	71mph W	I-40 & 150, GRAHAM, NC 27258

Date: 11/19/2012

Time	Message	MPH	Location
7:55:51 AM	Speeding	73mph SW	I-85 & 94, LEXINGTON, NC 27292

VEHICLE NAME: BB3950

Date: 11/15/2012

Time	Message	MPH	Location
12:56:43 PM	Speeding	73mph E	I-85 & UNIVERSITY RD, HILLSBOROUGH, NC 27278



Catastrophic Vehicle Event Report

Get second by second detail around a hard stop or vehicle impact.

Goals

Dispute Resolution

Highlights

- A hard stop event is triggered when a vehicle decelerates by more than 8 MPH per second and comes to a complete stop for at least 10 seconds.
- Displays 60 seconds of data prior to the event and 40 seconds of data after the event.

Advantages

- Beneficial for incident investigation.



Catastrophic Event Report

For 11/8/2012 12:00:00 AM
Account:

Event Datetime: Thursday, 11/8/2012 7:19:18 AM

Fleet Location:

Vehicle ID: AR5285

Odometer: 111283.4

Driver: 130493

Co-Driver:

Type: Hard Stop(60/40)

Location: FLORIDA S TPKE//N/RONALD
REAGAN TPKE

City: PLANTATION

State: FL

Cross Street:

In this actual client report, see the % acceleration change in the second-by-second detail of this harsh stop on the Florida Turnpike.

Sec	Time	FPS	MPH	RPM	%Accel	Brake Status	Clutch Status	Cruise	Comment
T-31	07:18:47	83	57	1741	44	OFF	OFF	OFF	OFF
T-30	07:18:48	83	57	1745	44	OFF	OFF	OFF	OFF
T-29	07:18:49	83	57	1750	44	OFF	OFF	OFF	OFF
T-28	07:18:50	85	58	1750	88	OFF	OFF	OFF	OFF
T-27	07:18:51	85	58	1769	88	OFF	OFF	OFF	OFF
T-26	07:18:52	85	58	1800	84	OFF	OFF	OFF	OFF
T-25	07:18:53	86	59	1806	36	OFF	OFF	OFF	OFF
T-24	07:18:54	86	59	1802	44	OFF	OFF	OFF	OFF
T-23	07:18:55	86	59	1801	44	OFF	OFF	OFF	OFF
T-22	07:18:56	86	59	1801	44	OFF	OFF	OFF	OFF
T-21	07:18:57	86	59	1810	52	OFF	OFF	OFF	OFF
T-20	07:18:58	86	59	1810	52	OFF	OFF	OFF	OFF
T-19	07:18:59	86	59	1806	20	OFF	OFF	OFF	OFF
T-18	07:19:00	86	59	1793	36	OFF	OFF	OFF	OFF
T-17	07:19:01	86	59	1800	36	OFF	OFF	OFF	OFF
T-16	07:19:02	86	59	1823	92	OFF	OFF	OFF	OFF
T-15	07:19:03	86	59	1823	56	OFF	OFF	OFF	OFF
T-14	07:19:04	88	60	1822	40	OFF	OFF	OFF	OFF
T-13	07:19:05	86	59	1798	0	OFF	OFF	OFF	OFF



Stationary Time Report

Gives an overview of duration and locations where the vehicle is stationary.

Goals

Monitoring
Vehicle/Asset
Management

Highlights

- Report gives total duration and locations for stationary time by vehicle over a selected time period.

Advantages

- The report provides the ability to monitor stationary time in order to better manage business practices.

Fleet Director[®]
teletrac

01/02/2013

Stationary Time Report

01/02/2013

Vehicle: **BB3929**

From	To	Duration Minutes	Location
01/02/2013 06:00:00 AM	01/02/2013 07:25:18 AM	85	Closest Landmark:AMG 581CEL-RIVER RD/EDEN TER ROCK HILL, SC 29730 USA
01/02/2013 08:48:41 AM	01/02/2013 09:31:04 AM	42	Closest Landmark:JP CARLTON 171JOHN DODD RD/BONDALE DR SPARTANBURG, SC 29303 USA
01/02/2013 09:41:49 AM	01/02/2013 10:07:20 AM	26	Closest Landmark:KUSTERS ZIMA CORP 279ZIMA PARK DR/ZIMA PARK RD SPARTANBURG, SC 29301 USA
01/02/2013 10:20:00 AM	01/02/2013 10:55:00 AM	35	Closest Landmark:AMBULATORY SURGERY CENTER 548BEAUMONT AVE/REYNOLDS ST SPARTANBURG, SC 29303 USA
01/02/2013 11:26:46 AM	01/02/2013 11:30:04 AM	3	Closest Landmark:STANDARD AUTOMOTIVE 40 SMITH RD/PELHAM RD GREENVILLE, SC 29615 USA
01/02/2013 11:32:06 AM	01/02/2013 11:56:59 AM	25	Closest Landmark:STANDARD AUTOMOTIVE 40 SMITH RD/PELHAM RD GREENVILLE, SC 29615 USA
01/02/2013 12:47:38 PM	01/02/2013 01:47:32 PM	60	Closest Landmark:DELTA POWER EQUIPMENT CORP 5564AIRPORT RD/EARL WHITE DR ANDERSON, SC 29626 USA
01/02/2013 01:49:57 PM	01/02/2013 01:51:00 PM	1	5572 AIRPORT RD/EARL WHITE DR ANDERSON, SC 29626 USA
01/02/2013 02:04:43 PM	01/02/2013 02:41:17 PM	37	Closest Landmark:UNAFLEX 199SEMINOLE CT/SEMINOLE AVE ANDERSON, SC 29626 USA
01/02/2013 04:05:47 PM	01/02/2013 04:16:24 PM	11	905 SC-S-11-81/HYATT ST/SC-105 GAFFNEY, SC 29341 USA
01/02/2013 05:08:27 PM	01/02/2013 06:59:00 PM	111	Closest Landmark:ANW CHARLOTTE 5443OLD DOWD RD/RC JOSH BIRMINGHAM PKY CHARLOTTE, NC 28208 USA
Total for BB3929:		435	

In this actual client report, see durations of stationary time broken down by vehicle through the selected time period.



Vehicle Service Report

Gives detail around maintenance and service specifics by vehicle.

Goals

Fuel Management
Safety and Security
Management

Highlights

- Report shows when each vehicle is due for service.
- Supports custom service intervals, defined in either miles or hours of operation.
- 9 service types can be individually tracked per vehicle, e.g. oil service, air filter, brakes, engine coolant, tires replace, tires rotate, transmission fluids, transmission service, tune up.

Advantages

- Beneficial for proactively planning vehicle servicing across the fleet.
- Reduce the risk of mechanical breakdown or invalidation of vehicle warranty by following service schedules.
- Flag vehicles which are overdue for servicing.

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Vehicle Service Report

Vehicle: BT 06		Last Service			Next Service		
Service Type	Date	Miles	Cost	Engine Hours	Days To	Miles To	
Air Filter	10/24/2012	75,188	\$19	39			
Engine Service	10/24/2012	75,188	\$149	139		2931.33	
Oil Change	10/24/2012	75,188	\$29	139		2931.33	
Current Miles: 75256.67							

Vehicle: BT 15		Last Service			Next Service		
Service Type	Date	Miles	Cost	Engine Hours	Days To	Miles To	
Air Filter	10/16/2012	88,823	\$19	87			
Engine Service	10/16/2012	88,823	\$149	187		2526.28	
Oil Change	10/16/2012	88,823	\$29	187		2526.28	
Current Miles: 89296.72							

Vehicle: BT 30		Last Service			Next Service		
Service Type	Date	Miles	Cost	Engine Hours	Days To	Miles To	
Oil Change	04/19/2012	36,339	\$30	Over Due	Over Due	Over Due	
Current Miles: 37184.51							

Vehicle: BT 46		Last Service			Next Service		
Service Type	Date	Miles	Cost	Engine Hours	Days To	Miles To	
Oil Change	01/01/2012	54,179	\$30	Over Due	Over Due	Over Due	
Current Miles: 58444.12							

In this actual client report, see vehicles which are overdue for oil service. Failure to adhere to service schedules can lead to premature wear and invalidate vehicle warranty.



Delivery Performance by Vehicle Report

Gives performance overview versus the planned schedule – organized by vehicle.

Goals

Job and Customer Management

Highlights

- Planned arrival schedules can be entered into Fleet Director, set against customer sites and actual arrival times are tracked versus the schedule.
- Includes summaries of scheduled deliveries made, on-time deliveries and unscheduled deliveries.
- Similar to the Delivery Performance by Site Report but grouped by vehicle.

Advantages

- Beneficial for on-time delivery tracking, customer invoicing, customer billing disputes and scheduling optimization.

In this actual client report, see status messages and events at this landmark – part of the landmark subgroup defined for the client.

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Delivery Performance By Vehicle For 11/5/2012 12:00 AM through 11/7/2012 11:59 PM (Pacific Time)

Vehicle: 1108 - Otis Kimbrough

Scheduled Deliveries

Customer Name	Date	From	To	Actual Arrival	On Time?
Fuel Stop Brentwood	11/5/2012	12:00 PM	12:30 PM	12:17 PM	Y
A1 Plumbers Brentwood	11/5/2012	12:30 PM	1:00 PM	12:31 PM	Y
Niles Supplies Antioch	11/5/2012	2:00 PM	2:30 PM	2:35 PM	N
Tow It All San Ramon	11/5/2012	2:45 PM	3:15 PM	3:14 PM	Y
Burris Inc San Ramon	11/5/2012	3:30 PM	4:00 PM	3:48 PM	Y

Unscheduled Deliveries

Customer Name	Date	Arrival Time	Address
n/a	11/5/2012	1:09 PM	3766 Walnut Blvd, Brentwood, CA
n/a	11/5/2012	5:31 PM	201 Bishop Dr, San Ramon, CA
Niles Supplies Antioch	11/5/2012	6:02 PM	Closest Landmark: Niles Supplies Antioch



Delivery Performance By Site Report

Gives performance overview versus the planned schedule – organized by user-defined landmarks.

Goals

Job and Customer Management

Highlights

- Actual arrival times are set against user-defined landmarks and tracked versus the schedule.
- Includes summaries of scheduled deliveries made, on-time deliveries and unscheduled deliveries.
- Similar to the Delivery Performance by Vehicle Report, but grouped by user-defined landmarks.

Advantages

- Beneficial for on-time delivery tracking, customer invoicing, customer billing disputes and scheduling optimization.

In this actual client report, see status messages and events at this site – part of the location subgroup defined for the client.

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Delivery Performance By Site For 11/5/2012 12:00 AM through 11/13/2012 11:59 PM (Pacific Time)

Customer: A1 Plumbers Brentwood

Scheduled Deliveries

Vehicle	Date	From	To	Actual Arrival	On Time?
1108 – Otis Kimbrough	11/5/2012	12:30 PM	1:00 PM	12:31 PM	Y
566 – Rob Font	11/6/2012	12:30 PM	1:00 PM	12:38 PM	Y
1108 – Otis Kimbrough	11/7/2012	12:30 PM	1:00 PM	12:35 PM	Y
1108 – Otis Kimbrough	11/9/2012	12:30 PM	1:00 PM	12:54 PM	Y
567 – Daniel Tomason	11/10/2012	3:30 PM	4:00 PM	3:48 PM	Y

Unscheduled Deliveries

Vehicle	Date	Arrival Time
566 – Rob Font	11/11/2012	1:09 PM

Customer: Niles Supplies Antioch

Scheduled Deliveries

Vehicle	Date	From	To	Actual Arrival	On Time?
1108 – Otis Kimbrough	11/5/2012	2:00 PM	2:30 PM	2:35 PM	N
567 – Daniel Tomason	11/10/2012	2:00 PM	2:30 PM	2:28 PM	Y



Detailed Report

Gives a detailed view of transmitted data.

Goals

Dispute Resolution

Highlights

- Gives detailed location logs with speed and addresses/landmarks.
- Additional detail around event triggers such as ignition on, messages received, speeding events and exception events.

Advantages

- Beneficial for proving driver disputes on location and speeding incidents or customer disputes about job site deliveries.



Detailed

For 11/8/2012 12:00 AM through 11/8/2012 11:59 PM (Eastern Time)

Event Type	Status	Heading	Location / Message
------------	--------	---------	--------------------

VEHICLE NAME: Joe G.

11/8/2012

			Speeding
3:04:45 PM	LOC	ON	78mph S SR-93/I-75 MIRAMAR FL 33027
3:05:53 PM	INB	ON	80mph S SR-93/I-75 HIALEAH FL 33018
			Speeding
			80mph S SR-93/I-75 HIALEAH FL 33018
			Speeding
3:09:46 PM	LOC	ON	52mph N PALMETTO EXPY/SR-826 MIAMI LAKES FL 33014
3:14:47 PM	LOC	ON	70mph E PALMETTO EXPY/SR-826 MIAMI GARDENS FL 33054
3:19:48 PM	LOC	ON	79mph S I-95 & NW 119TH ST MIAMI FL 33168
3:22:53 PM	LOC	ON	79mph S I-95 & NW 54TH ST MIAMI FL 33127
3:24:49 PM	LOC	ON	66mph SE EXIT 3A MIAMI FL 33136
3:29:50 PM	LOC	ON	MACARTHUR CSWY/US-41 MIAMI BEACH FL 33139
3:34:51 PM	LOC	ON	483 WASHINGTON AVE & 5TH ST MIAMI BEACH FL 33139
3:36:45 PM	INB	OF	947 PENNSYLVANIA AVE & 9TH ST MIAMI BEACH FL 33139
			Ignition Off
4:11:02 PM	INB	ON	927 PENNSYLVANIA AVE & 9TH ST MIAMI BEACH FL 33139
			Ignition On
4:15:54 PM	INB	OF	109 4TH ST & OCEAN DR MIAMI BEACH FL 33139
			Ignition Off

In this actual client report, view speed and locations as well as triggered events such as ignition-on and off and breaking the speed threshold.



Message Report

Provides a list of all messages sent and received from specific vehicles in the field. Users can easily configure and filter the messages that show on the report.

Goals

Dispute Resolution

Highlights

- Similar to the Detailed Report but with location removed and message texts and driver acknowledgments shown.
- Report expands to include driver and dispatch messaging when the in-cab Fleet Director Tablet is specified.
- Includes log of ignition status changes, break status and HOS status changes.
- The Configure option allows users to filter the messages that show on the report.

Advantages

- This report is beneficial for reviewing specific message detail and selecting the messages most relevant to business demands.

In this actual report, see when and from where each message and driver status was sent.

The Configure option enables users to share their reports, in addition to selecting only the most important messages.

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Message		For 11/5/2012 12:00 AM through 11/8/2012 11:59 PM (Pacific Time)	
Status	Message	Location	
VEHICLE NAME: 278 - Marlin Miles			
11/7/2012			
NS	Message Acknowledgement	1543 N BOUDREAU RD & E REDWOOD AVE MANTENO IL 60950	
1:05:44 AM	Have you loaded		
1:05:48 AM	NS Message Acknowledgement	1543 N BOUDREAU RD & E REDWOOD AVE MANTENO IL 60950	
1:06:31 AM	ON DR 867	1541 N BOUDREAU RD & E REDWOOD AVE MANTENO IL 60950	
1:10:45 AM	ON Driving	1543 N BOUDREAU RD & E REDWOOD AVE MANTENO IL 60950	
1:10:51 AM	NS Message Acknowledgement	1535 N BOUDREAU RD & E REDWOOD AVE MANTENO IL 60950	
3:54:33 AM	ON On Duty	GERALD R FORD FWY/I-196 CASCO TWP MI 49090	
4:00:40 AM	NS Message Acknowledgement	GERALD R FORD FWY/I-196 CASCO TWP MI 49090	
4:03:45 AM	ON Driving	GERALD R FORD FWY/I-196 CASCO TWP MI 49090	
4:03:52 AM	NS Message Acknowledgement	GERALD R FORD FWY/I-196 GANGES TWP MI 49408	
4:49:01 AM	ON On Duty	4498 CENTURY CENTER ST SW & RIVERTOWN CIR SW GRANDVILLE MI 49418	
4:50:08 AM	ON Arrived	4498 CENTURY CENTER ST SW & RIVERTOWN CIR SW GRANDVILLE MI 49418	
4:50:15 AM	ON Arrived	4498 CENTURY CENTER ST SW & RIVERTOWN CIR SW GRANDVILLE MI 49418	
4:55:07 AM	NS Message Acknowledgement	4498 CENTURY CENTER ST SW & RIVERTOWN CIR SW GRANDVILLE MI 49418	
4:59:26 AM	have you at the customer reload: bradford white middleville mi load # 519701 you will pu trl# dr868 picking		



On-Site Detailed Report

Gives an overview of status changes and messages detailed by user-defined landmarks.

Goals

Dispute Resolution

Highlights

- Report provides events, status changes and vehicle headings by user-defined landmarks.
- Example use includes making sure all drivers leave the yard by 9 a.m. or that all drivers leave through the southern gate or that all drivers at a specific depot are on duty by 8 a.m.

Advantages

- Beneficial for sites specific management including time of day.



On Site Detailed

For 11/5/2012 12:19:00 PM through 11/5/2012 12:59:59 PM

	<u>Event Type</u>	<u>Status</u>	<u>Heading</u>	<u>Vehicle</u>	<u>Message</u>
Terminals					
On Site: Terminal El Paso TX					
11/5/2012 12:19:28 PM	INB	ON		638U - Antonio Lizarraga	Driver Log In
11/5/2012 12:20:35 PM	INB	ON		590U - Pam Franklin	Ignition On
11/5/2012 12:20:41 PM	LOC	ON		DR689	
11/5/2012 12:21:29 PM	INB	ON		628U - Jeff Oryall	Ignition Off
11/5/2012 12:21:29 PM	INB	ON		674U - Sergio Lopez	Ignition On
11/5/2012 12:22:15 PM	INB	ON		613U - James Holz	On Duty
11/5/2012 12:27:23 PM	LOC	ON		626U - Nate Butler	
11/5/2012 12:28:49 PM	ACK	ON		674U - Sergio Lopez	
11/5/2012 12:29:14 PM	LOC	ON		638U - Antonio Lizarraga	
11/5/2012 12:30:08 PM	INB	ON		628U - Jeff Oryall	Ignition On
11/5/2012 12:30:25 PM	LOC	ON		613U - James Holz	
11/5/2012 12:30:42 PM	LOC	ON		DR689	
11/5/2012 12:31:33 PM	INB	ON		628U - Jeff Oryall	On Duty
11/5/2012 12:31:40 PM	ACK	ON		628U - Jeff Oryall	
11/5/2012 12:32:23 PM	INB	OF		607U - Reuben Bencomo	Ignition Off
11/5/2012 12:33:13 PM	INB	ON	11mph W	613U - James Holz	Driving
11/5/2012 12:33:41 PM	INB	OF		638U - Antonio Lizarraga	Ignition Off
11/5/2012 12:35:06 PM	INB	ON		670U - Dave Jackson	Ignition On
11/5/2012 12:35:06 PM	STCH	ON		670U - Dave Jackson	
11/5/2012 12:35:19 PM	ACK	ON		674U - Sergio Lopez	
11/5/2012 12:36:05 PM	INB	ON		613U - James Holz	Off Duty
11/5/2012 12:36:06 PM	INB	ON		613U - James Holz	Driver Log Out

In this actual client report, view status messages and events at this landmark – part of the landmark subgroup defined for the client.



Exception Conditions Report

Gives an overview of current alert settings.

Goals

Vehicle/Asset Management

Highlights

- Includes a standard set of exception settings such as breaching a geo-fence around a landmark or the use of a vehicle outside of permitted hours.
- Customized settings can also be easily created in the software.

Advantages

- Beneficial in reviewing exception conditions managed across a fleet.

In this actual client report, this exception condition is triggered when vehicles spend excessive time loading at the depot.

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Exception Conditions

Condition ID	1	Condition Name	48HrOOS
Condition Type	Out of Service	Next Status	No Selected Status
Zone Type		Zone Radius	0.00
Zone Ref Type		Zone Ref Name	No LandMark_Name
Start Time		Stop Time	
Number of Preset Locates	0	Located Before Throw	100
Time Out	0	Highlight Status	No
		Audible Alert	No
Condition Type	Zone	Condition Name	DEPOT LOADING TIME
Zone Type	Inside	Next Status	Priority Alert
Zone Ref Type	Depot	Zone Radius	0.10
Start Time	07:00 AM	Zone Ref Name	Depot
Stop Time		Stop Time	06:00 PM
Number of Preset Locates	0	Located Before Throw	60
Time Out	60	Highlight Status	Yes
		Audible Alert	No
Condition ID	4	Condition Name	NEAR HWY 54 SPEED TRAP ..
Condition Type	Zone	Next Status	Priority Alert
Zone Type	Inside	Zone Radius	12.00
Zone Ref Type	City Center	Zone Ref Name	HWY 54 SPEED TRAP ALERT ..
Start Time	08:51 AM	Stop Time	08:51 AM
Number of Preset Locates	0	Located Before Throw	0
Time Out	100	Highlight Status	Yes
		Audible Alert	No



Landmark List Report

Gives a list of all defined landmarks.

Goals

Vehicle/Asset Management

Highlights

- Used for customer and terminal locations or other critical business landmarks in order to better manage fleet operations.
- The report provides 30,000 landmarks that can be used for anything from rest stops to known speed traps, to dangerous areas to customer delivery points.

Advantages

- Beneficial for viewing a clear list of managed locations.

In this actual client report, see terminals, speed traps, the customer base and key delivery cities set as landmarks for easy reference.

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Landmark List

Landmark Name	Address
Terminal El Paso TX	12335 MERCANTILE AVE, EL PASO, TX 79928
Terminal K3	2150 S US-45 52/US-45/US-52/S US HIGHWAY 45 52, KANKAKEE, IL 60901
Terminal KP	5069 FORT HENRY DR/TN-36, TN 37663
	6351 HIGHWAY 41A/US-41A/TN-112, PLEASANT VIEW, TN 37146
Terminal SC	144 - 100 S 7TH ST/US-1/S SEVENTH ST, MCBEE, SC 29101
Hodgkins lot	0 - 0 75TH ST, HODGKINS, IL 60525
Gibbs Trucking-Ft. Worth Drop Yard	9619 CROWLEY RD/FM-731 (N), FORT WORTH, TX 76134
Peterbilt Denton	3200 AIRPORT/FM-1515/AIRPORT RD/W AIRPORT RD, DENTON, TX 76207
HWY 54 SPEED TRAP ALERT OROGRANDE	Orogrande, NM
HWY 54 SPEED TRAP ALERT CARRIZOZO	Carrizozo, NM
Holland OH	Holland, OH
Belvidere IL	Belvidere, IL
The Base	600 E Las Colinas Blvd, Irving, TX 75039
Test INC	6843 US-51, Hazelhurst, WI 54531
Drilling Site	12297 Mercantile Ave, El Paso, TX 79928



Vehicle List Report

Gives a list of all vehicles or assets with detail such as year/make/model, VIN and custom comments.

Goals

Vehicle/Asset Management

Highlights

- Report provides a list of all vehicles in a fleet by year, make, model, color, state, license, VIN number and VLU ID.
- Custom comments can be added.

Advantages

- Beneficial for a quick list of vehicles and assets.

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Vehicle List

VEH NAME	VIP	VLU ID	DRIVER	YEAR	MAKE	MODEL	COLOR	ST	LICENSE	VIN	COMMENTS
525 - Jim Oconner	12.0.93.18	23		2006	Peterbilt	379	Blue	IL	P329705	734169	
542 - Mike Middleton	12.0.92.143	162		2006	Peterbilt	379	Blue	IL	P314210	N734186	
551 - Williams Clarke	12.0.93.19	25		2009	Peterbilt	386	Blue	IL	P685125	102910	
562 - Robert Lovell	12.0.84.42	12		2010	Peterbilt	386	Red	IL	P611311	1XPHD49X9AD102906	
566 - Rob Font	12.0.84.41	11		2010	Peterbilt	386	Blue	IL	P302601	1XPHD49X6AD102913	
567 - Daniel Thomason	12.0.84.47	9		2010	Peterbilt	386	Blue	IL	P212677	1XPHD49XXAD102915	
568 - Jim Oconnor	12.0.84.48	16		2010	Peterbilt	386	Blue	IL	P101399	1XPHD49X1AD102916	
570 - Aaron Randle	12.0.84.44	13		2010	Peterbilt	386	Blue	IL	P112311	1XPHD49X3AD102917	
579U - Chris Rolls	12.0.84.46	6		2010	Peterbilt	386	White	IL	P912366	1XPHD49X0AD102924	
619U - Victor Terrazas	12.0.92.175	107		2011	Peterbilt	386	Red	IL	P843943	1XP5DB9XX6N646016	
636U - Steve Lizarraga	12.0.92.184	77		2012	Peterbilt	386	White	IL	P996797	CD128506	
639U - Ernesto Hernandez	12.0.92.137	61		2012	Peterbilt	386	Blue	IL	P356111	CD128519	
641U - Herbert Taylor	12.0.92.107	63		2012	Peterbilt	386	Blue	IL	P717004	CD128522	
663U - Byron Young	12.0.93.56	34		2013	Peterbilt	386	Red	IL	P302602	DD177537	
	12.0.92.177	98		2013	Peterbilt	386	White	IL	P717901	DD177559	

In this actual client report, see sample assets in a list view.



Subfleet List Report

Gives a list of all user-defined subfleets with the corresponding assets and vehicles.

Goals

Vehicle/Asset Management

Highlights

- Allows rollup data views by subfleet where available.
- Can be used in lieu of the Vehicle List Report when subfleet are defined.

Advantages

- Beneficial for managing shifts, territories, regions and vehicle types for areas of management responsibility.

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Subfleet List

Subfleet:Day Shift

VEH NAME	VIP	YEAR	Make, Model, Color	ST	License	VIN	COMMENTS
551 - Williams Clarke	12.0.93.19	2009	Peterbilt 368 Blue	IL	P685125	102910	
564 - Kent Lovell	12.0.84.41	2010	Peterbilt 386 Blue	IL	P302601	1XPHD49X6AD102913	
539U - Ernesto Gonzalez	12.0.92.107	2012	Peterbilt 386 Blue	IL	P717004	CD128522	

Subfleet:Weekend Shift

VEH NAME	VIP	YEAR	Make, Model, Color	ST	License	VIN	COMMENTS
525 - Jim Oconner	12.0.93.18	2006	Peterbilt 379 Blue	IL	P329705	734169	
542 - Mike Middleton	12.0.92.143	2006	Peterbilt 379 Blue	IL	P314210	N734186	
551 - Williams Clarke	12.0.93.19	2009	Peterbilt 379 Blue	IL	P685125	102910	
562 - Robert Creakman	12.0.84.42	2010	Peterbilt 386 Red	IL	P661311	1XPHD49X9AD102906	
564 - Kent Lovell	12.0.84.41	2010	Peterbilt 386 Blue	IL	P302601	1XPHD49X6AD102913	
566 - Rob Font	12.0.84.47	2010	Peterbilt 386 Blue	IL	P212677	1XPHD49XXAD102915	
567 - Daniel Thomason	12.0.84.48	2010	Peterbilt 386 BLUE	IL	P101399	1XPHD49X1AD102916	
568 - Jim Oconnor	12.0.84.44	2010	Peterbilt 386 Blue	IL	P112311	1XPHD49X3AD102917	
570 - Aaron Randle	12.0.84.46	2010	Peterbilt 386 White	IL	P912336	1XPHD49X0AD102924	
579U - Chris Rolls	12.0.92.175	2011	Peterbilt 386 Red	IL	P843943	1XP5DB9XX6N646016	
619U - Victor Terrazas	12.0.92.184	2012	Peterbilt 386 White	IL	P996997	CD128506	

In this actual client report, see sample assets in a list view broken down by subgroup.



Vehicle Mileage By State Report

Gives miles traveled per state, per vehicle, for a selected date range.

Goals

Monitoring

Highlights

- Provides a breakdown of miles driven in each US state, per vehicle.
- Report can be run for a single vehicle, selected vehicles or the entire fleet.
- User can select the required date range.

Advantages

- Beneficial for state fuel tax reporting.

In this actual client report, see travel distance per vehicle broken down by state.

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For 01/01/2013
Through 01/31/2013 (UTC Time)

Vehicle Mileage By State

Vehicle: 8030054

State	Travel Distance (Miles)
IL	2035.73
Total for 8030054:	2035.73

Vehicle: 8030055

State	Travel Distance (Miles)
IL	1874.82
IN	1273.25
Total for 8030055:	3148.07

Vehicle: 8099002A

State	Travel Distance (Miles)
IL	975.34
Total for 8099002A:	975.34

Vehicle: 8226001A

State	Travel Distance (Miles)
IL	1433.87
IN	26.46
WI	91.71
Total for 8226001A:	1552.04