

Link your mobile assets to your fleet management operations



Tap into valuable truck data to improve performance and reduce costs



FleetMind combines its onboard computer (OBC) with mobile communications capabilities to capture and store electronic control module (ECM) and other vehicular data to provide accurate performance reporting and real-time alerts. This information is essential toward improving fleet performance and reducing costs.

To gain the best insights for fleet operations improvements – you need to collect information from multiple locations on a vehicle. FleetMind’s fleet management solution digs deeper to collect data from sensors connected directly to the OBC from key vehicle points such as the contact key, brakes, lift switch and power take-off (PTO).

The FleetMind system further links vehicle and sensor data with GPS information that is also sourced from the OBC. Not only can you monitor a vehicle’s performance and function, you can also link this information to its physical location. This is particularly valuable in accident reporting situations.

For example, if a driver is involved in an accident, the FleetMind system can provide a detailed and accurate report to verify truck and driver activity. Alarms for issues such as over-speeding, hard-braking and idling are also geo-coded for location-based reference.

A sampling of the real-time data collected by the FleetMind fleet management system includes:

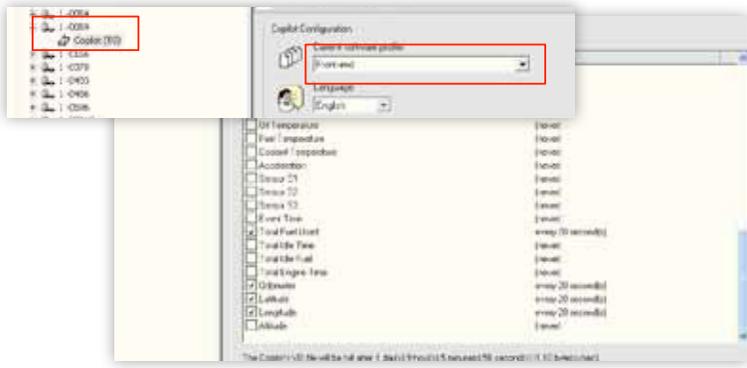
- Vehicle speeds
- Hard braking events
- Idling times
- Oil Pressure
- Engine Hours
- PTO

Benefits:

- Reduces fuel consumption
- Reduces route times
- Reduces maintenance costs
- Supports fleet’s regulatory compliance
- Eliminates manual logging and processes
- Provides automatic updates into maintenance systems
- Provides up-to-date and accurate data
- Automatic logging of data saves hours of time
- Real-time reporting speeds up ability to respond
- Improves due diligence capabilities
- Immediately flags alarms for quick intervention

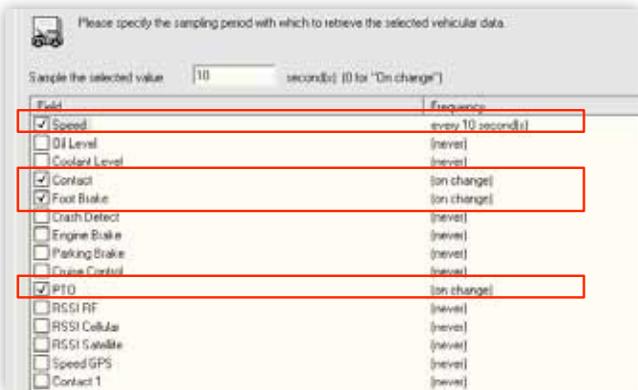
How it works

FleetMind collects ECM and sensor data via a J1708 connection to its onboard computer. Working with sensors and vehicle equipment, it broadcasts a variety of data from the brakes, automated arm switch, onboard scales and more. Each vehicle can have its own acquisition profile letting you select the data to be collected. All collected data is stored into a SQL server database where you can either use the reports provided with the system or build your own reports with the report designer of your choice. This allows you to combine the FleetMind data with any other corporate data for a comprehensive view toward improving performance and reducing costs.



Acquisition profiles:

Vehicle data is collected based on acquisition profile criteria which define what is collected and the frequency at which it is saved in the FleetMind database. Data is captured every time the ECM or sensors publish it and stored according to the profile. This data is then available for reporting and real-time vehicle alarms. Profiles can be created based on vehicle type (i.e. roll off, front load), geographical area and more. A profile can also be associated to one or multiple trucks.



Setting alarms

Alarms are defined by a user and associated to a profile so they can be used by a group of trucks. Any data collected via the acquisition profile can be used to create an alarm. Alarms are generated as soon as the data is collected from the ECM or sensors, and conditions are evaluated every second for greater accuracy.

Presenting alarms

Alarms can be presented in a number of ways – they can inform drivers in the cab when a condition occurs, send the data in real-time to the dispatch system for immediate action, and/or transfer the data to the server for reporting. These can be sent individually or simultaneously to all designated recipients.

The FleetMind Reporting Portal

The FleetMind reporting portal provides multiple levels of information across driver and vehicle performance. For example:

Alarm reports

Driver	# Alarms	Duration	Dist. Alarms (MI)	Dist. Driven (MI)
ANDREW TONEY	8	00:01:09		1.12
ARMANDO RODRIGUEZ	3	00:01:03		1.06
CHRISTOPHER DELDACH	28	00:15:46		17.21
ENRIQUE RAMOS	8	00:00:54		8.81
FRANK S. APOLINAR	13	00:03:28		1.85

Vehicle	Name	Date	Hour	Duration	Distance
809-002463	Speed over 65 MPH	4/27/2009	3:54:01 PM	00:00:19	8.43
809-002463	Speed over 65 MPH	4/27/2009	3:34:44 PM	00:00:13	8.00
809-002463	Speed over 65 MPH	4/27/2009	3:55:10 PM	00:00:18	8.31

Driver scoring

Alarms	Duration	Dist. Alarms (MI)	Dist. Driven (MI)	Reward pts.	Deduction pts.	Score (%)
34	03:02:25	0.00	390.83	846.40	-31.86	94.60
3	00:07:47	0.00	390.83	846.40	-3.86	99.80
3	00:04:32	0.00	36.61	182.29	-2.80	87.80
1	00:01:54	0.00	20.27	126.40	-1.80	96.80
12	00:31:56	0.00	196.40	570.60	-12.80	97.80
12	00:31:50	0.00	210.83	670.00	-12.80	96.80

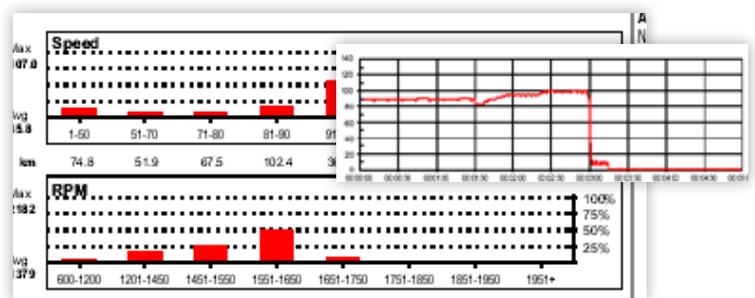
Fuel efficiency

Driver	Distance (MI)	Engine	Mileage	Oiling	Systems	Fuel (Gal)	Gallons	MPG	Usage %	Date
111- Katherine	23.00	62.44.33	81.13.44	01.00.28	90.47.22	5.79	3.11	3.98	23.10	
111- Katherine	41.10	61.08.07	80.98.01	08.03.04	90.87.00	146.73	63.62	2.74	41.11	
111- Katherine	187.22	11.28.17	62.30.20	07.30.11	90.18.00	60.40	5.77	3.26	75.21	
111- Katherine	144.24	88.19.23	87.12.54	08.00.00	90.25.00	43.98	5.02	3.26	64.73	
111- Katherine	175.81	11.11.38	62.38.23	07.28.23	90.27.00	38.36	3.38	4.81	74.18	
111- Katherine	104.12	11.14.24	62.18.10	08.01.16	90.08.00	61.97	3.08	3.61	73.87	

Truck performance

Driver	Distance (MI)	Engine	Mileage	Oiling	Excessive	Fuel (Gal)	Gallons	MPG	Usage
111- Katherine	390.28	39.34.51	21.44.02	17.00.00	32.52.55	142.52	3.40	2.74	
111- Katherine	260.83	12.11.18	03.52.22	08.19.13	90.48.12	48.92	3.28	5.82	
111- Katherine	254.70	17.11.17	05.58.02	11.02.25	31.41.88	9.38	6.80	6.90	
111- Katherine	75.81	02.08.18	01.01.46	01.04.37	01.08.00	11.38	5.11	6.67	
111- Katherine	472.61	39.34.51	10.22.53	25.11.55	31.03.04	141.97	3.59	3.11	

Vehicle Profile & Accident Graphs Reports



FleetMind Solutions

A Safe Fleet Brand

Fleet management solutions for better business results

Toll-Free: 888-639-1666

info@fleetmind.com

www.fleetmind.com