

## MONITOR VEHICLE DIAGNOSTICS

### OVERVIEW

The onBoard™ Telemetry enables organizations to monitor the performance and health of their fleet in real-time from any location. Dispatchers can monitor specific vehicles and get detailed information about odometer, coolant temperature, battery voltage, diagnostic trouble codes, fuel levels and more. Combined with powerful reporting capabilities, this can help reduce fuel consumption, eliminate unauthorized usage of vehicles and improve driver safety.

### REDUCE VEHICLE BREAKDOWNS AND PRODUCTIVITY LOSSES

onBoard Telemetry collects diagnostics continuously from each vehicle and fleet managers can define policies for data collection, reports and alerts. Data can be viewed immediately, or in report form later. With this information in hand, fleet managers can perform maintenance on a schedule that effectively addresses issues and maintains warranty status.



### KEY FEATURES

Monitor fleet in real-time from any location

Reduce breakdowns and productivity losses

Know the health of vehicles, with remote monitoring

Monitor driver behavior and save money

Reduce fuel consumption

### MONITOR HEALTH OF VEHICLES, NO MATTER WHERE THEY ARE

Real-time diagnostic information from vehicles is collected via a cable and scanner connecting the vehicle computer to the onBoard Mobile Gateway. Combined with GPS data from the Gateway, this gives you the ability to analyze current and historical data to determine not only the health of your vehicles, but the location where issues occurred. onBoard Telemetry enhances the capabilities of onBoard Mobility Manager by feeding diagnostics to fleet managers for immediate analysis, plus trend-spotting by individual vehicle or for the whole fleet.

### MANAGE YOUR FLEET FROM ANYWHERE

Fleet managers can define the parameters they want to monitor, and set thresholds for acceptable operating conditions. onBoard Telemetry will automatically send email alerts to single or multiple recipients so action can be taken as needed.

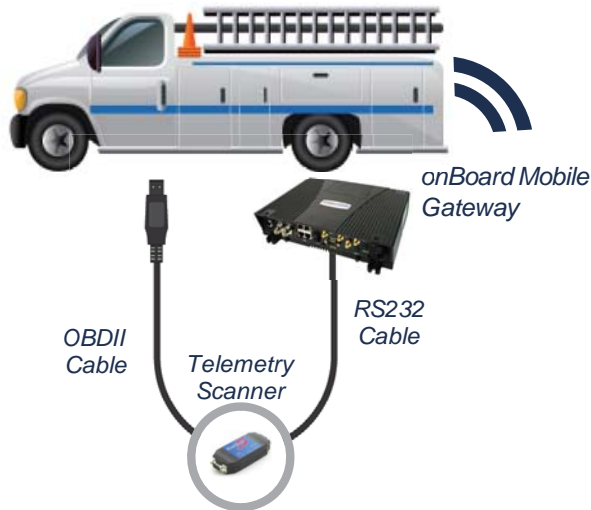
# onBoard™ Telemetry

MONITOR VEHICLE DIAGNOSTICS



## MONITOR DRIVER BEHAVIOR AND REDUCE FUEL CONSUMPTION

onBoard Telemetry provides the tools to monitor, analyze and report activities for single vehicles, groups, or the entire fleet. Set idle time limits and view a report which shows the time and location of excessive idling. Limit vehicle usage by zone or time of day.



VEHICLE MONITORING

## STANDARDS SUPPORTED

The onBoard Telemetry application supports major OBDII protocols on light truck and passenger vehicles.

## DIAGNOSTICS AVAILABLE<sup>1</sup>:

- Ambient Air Temperature
- Brake Fluid Level
- Diagnostic Trouble Code
- Engine Coolant Temperature
- Engine run time
- Fuel Rail Pressure Gauge
- Odometer
- Total distance
- VIN
- Battery voltage
- Calculated Load Value
- Distance/time since MIL light on
- Engine RPM
- Fuel level (%)
- Malfunction Indicator Lamp (MIL)
- Time since engine start
- Vehicle Speed

## onBoard TELEMETRY SYSTEM REQUIREMENTS

- onBoard Mobile Gateway: Software Version Supported: V.2.7.2.10 or later
- onBoard Mobility Manager: Available on hosted or enterprise appliances. Data collected using hosted version stored for a limited time.
- Additional Equipment<sup>2</sup>: Scan Tool, Custom Serial Cable, OBDII Cable

## Notes:

- 1 Not all diagnostics may be available for all vehicles
- 2 All additional equipment is available from In Motion Technology

onBoard Telemetry is an application available with In Motion Technology's onBoard Mobility Manager. The onBoard Mobility Manager continuously collects and analyzes information from onBoard Mobile Gateways deployed in vehicles, allowing an organization to manage its mobile network, fleet, on-board devices and operations to peak efficiency.

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