

Sierra Wireless InMotion Solutions

TELEMETRY



MONITOR VEHICLE DIAGNOSTICS REMOTELY

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

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.

MONITOR HEALTH OF VEHICLES, WHEREVER THEY ARE

Real-time diagnostic information from vehicles is collected via a cable and scanner connecting the vehicle computer to the oMG Mobile Gateway (oMG). Combined with GPS data from the oMG, 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. Telemetry enhances the capabilities of oMM Management System (oMM) 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. Telemetry will automatically send email alerts to single or multiple recipients so action can be taken as needed.

MONITOR DRIVER BEHAVIOR AND REDUCE FUEL CONSUMPTION

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.

STANDARDS SUPPORTED

The Telemetry application supports major OBDII protocols on light truck and passenger vehicles, or J1939/J1708 protocols on heavy duty vehicles.

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

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DIAGNOSTICS AVAILABLE¹:

- 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



TELEMETRY SYSTEMS REQUIREMENTS

- Telemetry is an application available with oMM.
- oMG Software Version Supported: V.2.7.2.10 or later.
- oMM Available on hosted or enterprise appliances. Data collected using hosted version stored for a limited time.
- Additional equipment required²: Scan Tool, Custom Serial Cable, OBDII Cable.

1. Not all diagnostics may be available for all vehicles depending on the make, model and type (OBDII, J1939/J1708). Contact Sierra Wireless to verify available diagnostics on a vehicle before purchase.
2. All additional equipment is available from Sierra Wireless.

About Sierra Wireless

Sierra Wireless is the global leader in machine-to-machine (M2M) devices and cloud services, delivering intelligent wireless solutions that simplify the connected world. Our solutions are **simple**, **scalable**, and **secure**, and enable customers to get their connected products and services to market faster.

For further company and product information, please visit www.sierrawireless.com.