SIERRA WIRELESS®

Sierra Wireless® InMotion Solutions Tracker
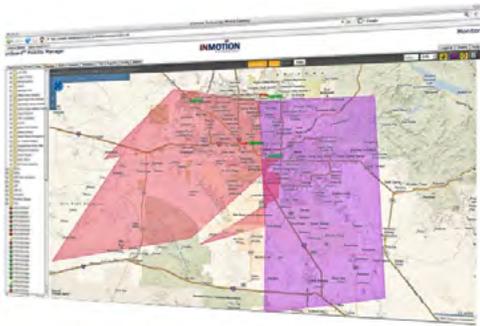
Track and Manage Your Vehicles

Tracker enables organizations to monitor the position, direction and speed of their fleet and network assets in real-time. Dispatchers can zoom in on an aerial, bird's eye or road view, and provide detailed information about access routes, incident scenes and structures. Combined with historical reporting and geo-fence capabilities, this can help workers achieve consistently shorter response times and optimize use of vehicles.

LOCATION TRACKING FOR VEHICLES

Advanced vehicle tracking tools enable you to analyze current and historical data to determine not only the current location, direction and speed of your vehicles, but also to view location over time. Tracker utilizes the built-in GPS in the oMG Mobile Gateway (oMG). GPS data is sent to the oMM Management System (oMM) server at varying intervals depending on velocity (less when stationary, more frequently when moving) to provide a detailed record of vehicle location. Fully integrated with the oMM user interface, Tracker provides live map views of your entire fleet with the ability to drill down to street level for more detail. Detailed historical reports provide the real power of the system, combining color-coded map trails with lists of data providing the location, time and even the speed of every journey.

ZONE MONITORING FOR VEHICLE DESIGNATED ZONES

Operational area boundaries can be mapped to track vehicles crossings. Zones, which are also known as polygonal geo-fences, are multi-sided virtual boundaries. Once zones are defined, dispatchers can choose to view reports or be notified as vehicles enter and exit zones. Each zone can be a simple or complex geographical region on a map and vehicles can be assigned to specific zones. For example, operations can create a zone that is a specific distance around the station so an alert is raised when a returning vehicle crosses into the zone. Zones can be created with great detail (as much as the map allows), and existing zones can be used to help ensure new zones share exact boundaries.

FEATURES

- Track location of vehicles in real-time
- Designate zones for vehicles in the fleet
- Monitor fleet in real-time from any location
- Monitor driver behavior and save money
- Customize views

TRACKER

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MONITOR FLEETS IN REAL-TIME

Tracker provides the freedom to manage the fleet without being chained to a management console. As organizations are asked to optimize efficiency, management by exception (e.g. "I only want to know when there is a problem") is becoming ever more critical. The oMM combined with Tracker helps realize this business necessity. For example, the system can automatically send alerts via email for zone crossings. Create alert lists for single or multiple recipients, selecting single vehicles, or whole groups of vehicles.

POWERFUL HISTORICAL DATA

Tracker includes a suite of reports that enables users to optimize regular activity and address unwanted activity. Reports combine map views with data lists that can be exported to Excel for further analysis. Vehicle stop reports provide street addresses where available by matching GPS location. Speed thresholds enable monitoring of over-speed instances, including approximate location and time spent above the speed threshold. Zone reports provide an efficient way to monitor vehicle activity in large or small areas. All map data is provided by Google™ maps.

TRACKER TECHNICAL SPECIFICATIONS

- Tracker is an application available for oMM (appliance or hosted service) installations
- oMM (appliance): Tracker is available as a separate software module
- oMM (hosted service): Tracker is available as a hosted application

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