

# @Road GPS Data Feed

## Experience Real-Time Navigation and Access Valuable GPS Information with @Road GPS Data Feed

Real-time GPS data can be a valuable tool for companies requiring location-specific details and real-time navigation. As an add-on option to @Road GeoManager<sub>SM</sub> iLM or @Road Pathway<sub>SM</sub> iLM, @Road GPS Data Feed provides customers with highly accurate GPS information. Customers may use this data for various applications including navigation, time stamp, location stamp, or determining speed and direction.



### Get GPS Data On the Road and On Demand

@Road GPS Data Feed is sent through an @Road iLM<sup>®</sup> to an external IP-enabled mobile computer. The Data Feed provides GPS latitude and longitude data that can be used for various applications, such as the following:

- **Navigation:** When mobile workers have a navigation application enabled, the @Road GPS Data Feed helps provide access to highly-detailed maps and turn-by-turn directions. This saves time for the administrator, who previously would have provided directions manually. It also facilitates more efficient planning and scheduling of routes.

@Road GPS Data Feed can help transform your mobile computer into a smart device

#### @Road GPS Data Feed Features:

- Provides highly accurate GPS data on latitude and longitude, from which can be derived speed, direction and time
- Enables use of navigation applications for routing and turn-by-turn directions
- Facilitates use of applications for tracking mobile or fixed assets
- Allows use of custom applications that monitor speed, location, direction or time

#### Prerequisite:

- Mobile computers or devices using Microsoft Windows 2000 or XP
- iLMs shipped in 2005 or later
- Firmware version 1.8x or later
- iLM Serial Cable (RJ-45 8 pin male to DB-9 pin Female, P/N 907-0029-001)
- GPS Data Feed API (P/N NMEA-DATA)



- **Location Stamp and Time Stamp:** When you need to know the exact location of a mobile or fixed resource, or the precise time at which a mobile resource was at a given location, @Road GPS Data Feed can provide a location stamp or time stamp to be included in records or work orders.
- **Speed and Direction:** With the help of @Road solutions and custom applications, customers can use GPS latitude and longitude data to determine the speed and direction of vehicles in their fleet.

#### Enabling GPS Data Feed

GPS output from @Road iLM devices is provided in industry standard NMEA (National Marine Electronics Association) format. The NMEA protocol is compatible with industry-leading mobile computers and operating systems (Microsoft Windows 2000 and XP). Most navigation applications also support the NMEA protocol.

#### Smart Device, Smart Solution

The @Road GPS Data Feed option adds functionality to existing infrastructure, eliminating the need for customers to purchase separate GPS receivers for navigation. It turns customers' in-vehicle solutions into smart devices that are more sensitive to receiving GPS data than laptop or handheld GPS peripherals. By helping enable efficiency-enhancing navigation or location and time stamp features, @Road GPS Data Feed can lead to improved productivity, enhanced accuracy and increased ROI.



@Road, Inc. is a global provider of solutions designed to automate the management of mobile resources and to optimize the service delivery automation process for customers across a variety of industries.

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