![@ROAD MOBILE RESOURCE MANAGEMENT]

@Road Construction Suite

Manage Critical Construction Resources

Businesses in the construction market rely on efficient management of their vehicles—along with the materials they transport—in order to complete jobs on-time and on-budget. To best manage the delivery of supplies, equipment movement, debris removal or workers traveling between sites, construction managers need to know the location and activities of their mobile resources at any given time. @Road® provides construction businesses with such insight through Mobile Resource Management (MRM) solutions designed specifically for this market.

The @Road Construction Suite combines the leading @Road GeoManager$_{SM}$ service with special features and options to help construction businesses strengthen their ability to manage their mobile resources. By ensuring all materials, equipment and workers are where they need to be, construction businesses can improve productivity, reduce operational costs and increase customer satisfaction.

GeoManager provides a management solution that integrates GPS, wireless communications, satellite and Internet technologies so that managers can instantly map the locations of their fleets, find vehicles close to a job site, exchange text messages with workers, log work hours or view and print detailed reports. GeoManager Exceptions Reports provide real-time notifications to managers if a vehicle travels outside approved zones or is used for after-hours work.

Additional features bundled with GeoManager for the @Road Construction Suite include Field Service Reports and Route

Compliance Reports, which measure planned versus actual routes and work times. Also bundled with this suite is a five-minute update rate for vehicle location information (15 minutes is standard) to better meet the construction industry's tight daily time windows.

The @Road Construction Suite uses the @Road *i*LM® (Internet Location Manager™) device, an installed hardware unit that records the movement of vehicles by relaying GPS-based location information via wireless networks to @Road servers. For remote invoice processing and access to corporate applications from the field, @Road offers an *i*LM option that includes a Wi-Fi access point/router, an EDGE/EvDO wireless modem and advanced security capabilities. The Suite also takes advantage of the @Road *i*DT (Internet Data Terminal™), an in-vehicle text messaging device that enables two-way communication between drivers and the office.

Unparalleled, Uninterrupted Performance

GeoManager solutions offer high reliability and availability, with dual data centers in widely separated locations. The sophisticated @Road on-demand architecture is designed to

@Road Construction Suite
- Manage the on-time arrival of materials shipments and equipment at work sites
- Receive frequent updates on mobile workforce locations and activities
- Document scheduled versus actual arrival and departure times
- Minimize unauthorized use of vehicles

support hundreds of thousands of users and millions of transactions with a high level of security and integrity. GeoManager can provide highly effective national coverage for mobile resources in the field through multiple major wireless carrier networks. Because it is an on-demand solution, its maps, reports and other displays can be used from any location with Internet access.

@Road Construction Suite Features

Advanced MRM
- View the real-time locations of your mobile workforce
- Track stops, stop times and mileage totals
- Receive real-time notifications on speed, vehicle idle time or landmark proximity
- See traveled paths with automatic 15-minute update rates (more frequent updates are optional)
- Customize maps and designate landmarks
- Upload multiple landmarks in batch mode
- Automate management of vehicle maintenance
- Identify and dispatch vehicles closest to customer sites
- Monitor and analyze traveled routes
- Document scheduled versus actual arrival or departure times

Flexible Reporting
- Generate MRM reports on demand or schedule for automatic delivery
- Select from an array of Standard, Premium or Field Service reports
- Export reports to any standard database or application
- Retrieve stored data for up to 90 days

Premium Administration
- Create hierarchical workgroups
- Administer mobile devices online from any location
- Manage in-vehicle and handset devices in a single account

Convenient Communication*
- Send text messages to any or all *i*DT devices instantly
- Receive text messages and forms from remote workers
- Enable population of forms with optional barcode scanning
- Provide secure 802.11 Wi-Fi access point/router capability (including WLAN Administration) through *i*LM 3100-W Series hardware options
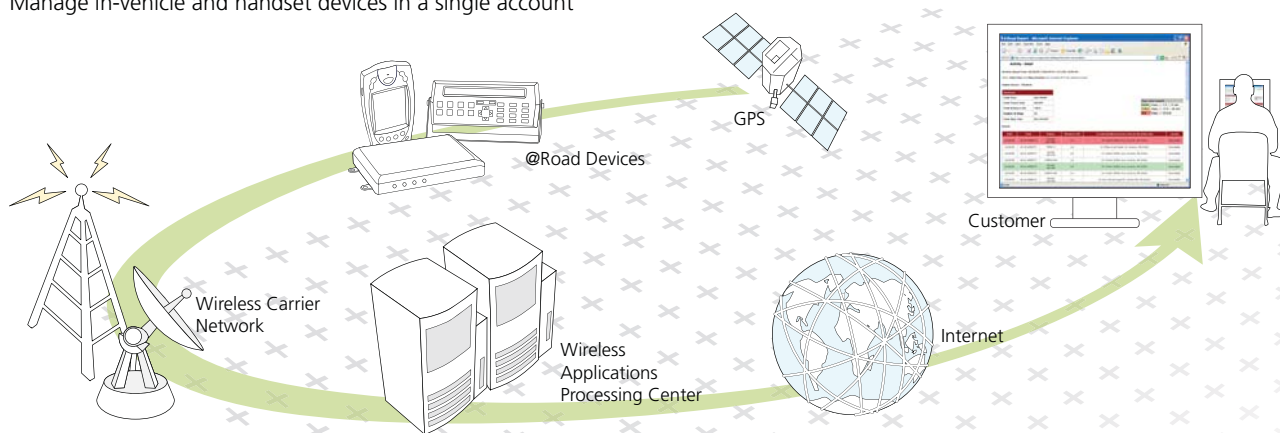
Valuable Options*
- APIs—Enable integration with other applications
- DirectData—Stream @Road data to corporate databases and applications
- Extended Data Storage—Store data for up to one year
- More Frequent Updates—Receive updates as frequently as every 2 minutes
- Satellite Modem—Receive and send data even when vehicle is out of wireless coverage range
- SwitchSensor—Monitor ignition, trailer doors or other points of contact
- TempSensor—View vehicle interior temperature (ideal for perishable goods transport)
- Vehicle Diagnostics—Monitor engine and other vehicle information to minimize downtime

Extensive Support
- Benefit from real-time, proactive system monitoring and support by @Road
- Receive 24x7 online technical support
- Access nationwide phone support
- Request service engineer or integration support

*May require separate hardware and/or added services to use these features

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About @Road

@Road, Inc. is a leading global provider of solutions designed to automate the management of mobile resources and to optimize the service delivery process for customers across a variety of industries. @Road delivers Mobile Resource Management (MRM) solutions in three key areas: Field Force Management, Field Service Management and Field Asset Management.

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