

Product Information

Descartes Mobile™



Connecting Businesses

Orders change. Vehicles get caught in traffic. Shipments get damaged. Change is the norm, and drivers and dispatchers react, but not always in concert. Companies have long sought to incorporate field operations status into order fulfillment processes, but the answer has remained elusive even as technology has evolved.

Descartes Mobile™ is a family of wireless applications designed to tie field-level information directly into Descartes' logistics decision support, dispatch operations, and automated vehicle locator (AVL) systems. Reflecting the range of mobile needs, the solution improves operational efficiencies through real-time data exchange with your mobile resource. By keeping the entire enterprise up-to-date on actual status, companies can be more responsive to the fluid nature of business, and customer satisfaction improves due to better visibility.

A recognized innovator in fleet management solutions, Descartes has offered market-proven routing and scheduling solutions for over 30 years. With extensive logistics expertise and a leadership tradition in wireless and messaging, Descartes has deployed advanced delivery applications across thousands of mobile resources. Descartes has also made a significant investment into its broad mobile offering, attaining field-level experience with an international client base.

Descartes Mobile provides integrated two-way wireless communication and advanced tracking, monitoring and reporting capabilities for enhanced logistics execution by enabling fleet managers to interact with their drivers and field personnel in real time. While many competitive solutions are just simple data collection tools, Descartes' robust mobile solutions can seamlessly integrate with the route plans, collect comprehensive information and enable dispatchers to provide mobile resources with real-time updates.

Wireless Without the Headache

Our leading-edge technology is flexible and modular. Our mobile applications operate across a broad range of mobile platforms including Windows Mobile® and Android™. We support an extensive variety of devices both ruggedized and consumer grade to support our customers' unique needs, budgets and technology strategies.



Benefits

Descartes Mobile helps:

- Enable significant improvement in operating performance by:
 - Tightly integrating with Descartes' back-end dispatching and planning systems
 - Minimizing route distances by enabling proactive responsiveness
 - Reducing stop duration, fuel usage, and labor hours
 - Targeting costly voice communication and cell phone bills.
- Enhance customer service and retention by:
 - Improving on-time performance
 - More accurately predicting delivery windows
 - Relying on integrated planned vs. actual performance data

Features

En-route Capabilities

- **Route Sequences and Turn-by-turn Navigation:** Improve driver productivity with optimized route plans that can be efficiently delivered to a broad range of mobile devices complemented by optional navigational functionality to help drivers get to where they are going.
- **Automatic Vehicle Location (AVL):** Use next generation Global Positioning System (GPS) technology to monitor vehicles or people in the field for advanced plan vs. actual performance monitoring. Shipment status updates and system alerts can be automatically triggered when designated routes are not followed. Descartes provides options for both active and passive tracking.
- **Real-time Updates:** Go beyond basic status messaging and enable dispatchers to dynamically adjust routes based on actual performance and order changes with easy to implement and user-friendly solutions that allow drivers to capture and transmit events such as arrivals, departures, and delays using inexpensive consumer grade devices.

At-Stop Capabilities

- **Scanning & Proof of Delivery (POD):** Eliminate paper and streamline operations with robust at-stop data collection that supports signature capture, scan-on/scan-off capabilities, confirmation of product counts, pictures of damages, and much more all in a paperless environment.
- **At-Stop Commercial Functions:** Reduce billing cycles by automatically transmitting essential financial and logistics data to customer service and billing systems.