

# eRoutes™ Process Monitoring Solution

Cat® Connect Services



*eRoutes provides valuable job site data at your fingertips.*

**eRoutes** is a process monitoring solution that facilitates the smooth, steady delivery of material from the plant to the paver. It helps contractors understand the factors that contribute to efficient paving operation, react quickly to potential problems and optimize performance. The system tracks machine location and collects data about material from the plant to the paver, allowing users to visualize truck scheduling and production.

## Features:

### > Process Monitoring for Paving

- Merges paving, trucking and load-out data
- Allows users to access ticket information remotely

### > Cycle Time Reporting

- Provides waiting times per job, truck or plant
- Enables users to quickly identify gaps in the process

### > Load-out Reporting

- Displays tons loaded, in-transit and paved
- Tracks estimated time of truck arrival

### > Production Monitoring

- Decreases paver stops and plant waiting time
- Optimizes plant production

## **WHERE ARE MY TRUCKS?**

*eRoutes facilitates continuous paving by assisting the choreography of delivery to ensure a steady supply at appropriate temperature.*

## HOW eRoutes WORKS

- GPS positioning tracks and records location data
- Machine-to-machine communication and data collection is achieved via wireless and/or cellular connections
- Cloud-based service can be accessed via web app or PC browser



- Helps **choreograph the delivery of material** to the working paver, allowing contractors to optimize the number of haul trucks to match the delivery distance and plant production.
- Provides a means to **compare tonnage** of owned haul fleet and contracted haul fleet to understand how to maximize value.

- Facilitates **quick diagnosis of delivery problems**, such as too many/not enough haul trucks, traffic delays and/or production issue at plants.
- Technology is **applicable to other material-delivery industries**, such as quarry, aggregate and waste.

## BUILT FOR IT.™

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QEXQ2382-00  
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