

DATASHEET

Maximize Fuel Efficiency with TRIMBLE Solutions

Cut Fuel Use and Reduce Operating Costs

Companies with field service, transportation or delivery vehicles face the ongoing concern of keeping down operating costs—especially fuel costs. Challenges include ever-increasing fuel prices, as well as excess fuel consumption from:

- Vehicles traveling outside planned routes
- Unauthorized side trips or after-hours vehicle use
- Speeding or excessive engine idling time
- Lack of proper maintenance/inefficient engine operation

Trimble Mobile Resource Management (MRM) solutions can help your company cut excess fuel use and reduce operating costs through a number of efficiency-enhancing features with its Trimble GeoManagerSM and Trimble PathwaySM solutions.

Key Benefits

- Reduce miles driven by planning and monitoring efficient vehicle routes
- Cut fuel use from unauthorized stops
- Decrease off-hour vehicle use
- Identify and correct excessive speeding or engine idling
- Find the closest vehicle to urgent customer requests
- Improve management of vehicle maintenance

Manage Vehicle Routes

Using MapView in GeoManager or Pathway, dispatchers and supervisors can review routes in real time, allowing them to quickly identify vehicles that waste fuel by deviating from the most direct path between scheduled stops. The Activity Detail report provides a comprehensive view of distances traveled by each vehicle, helping you identify areas that potentially use excessive fuel.

Monitor Unauthorized Fuel Use

To control after-hours or unauthorized vehicle fuel use, Trimble MRM provides Proximity Exception, Landmark and Stops reports,



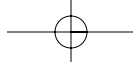
which are used to determine how close the vehicle stays to designated parking locations and to identify significant stops that are not associated with customer locations or other company-set Landmarks.

Curb Speeding and Engine Idling

Trimble MRM also provides Exception reports for Speed and Idling to help maximize vehicles' fuel economy. With these reports, managers are instantly notified when vehicles are speeding or there is excess engine idling, so they can intervene and prevent unnecessary fuel use.

Save Fuel with Improved Maintenance

The U.S. Department of Energy estimates that companies can save up to 19 percent in miles-per-gallon by improving vehicle maintenance.[†] The Vehicle Maintenance feature helps managers achieve these fuel savings by ensuring the scheduling of engine tune-ups, timely air filter replacement, regular oil changes and correct motor oil grade—as well as other types of maintenance—with customizable lists of items to track and definable threshold for setting reminder alerts.



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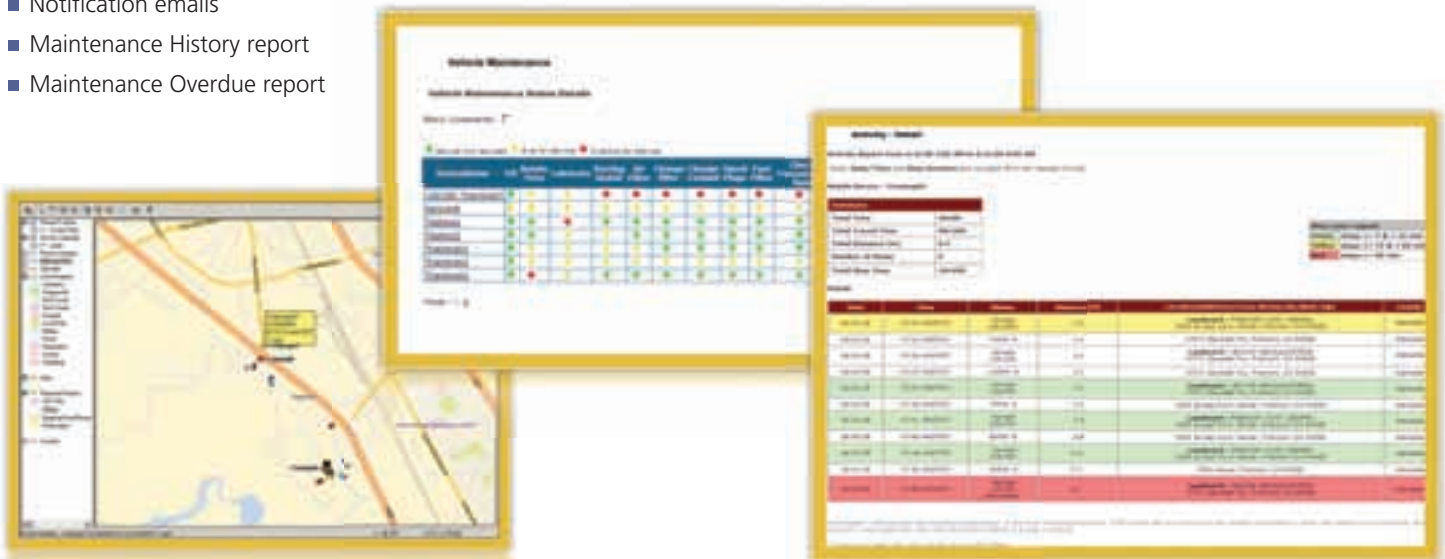
Trimble Fuel Savings Solutions

Trimble features and reports that help reduce fuel-related operating costs include:

- MapView function
- Activity Detail report
- Proximity Exception report
- Landmark report
- Stops report
- Speed Exception report
- Idling Exception report
- Vehicle Maintenance 2.0 module
- Maintenance Status report
- Maintenance Thresholds report, with reminder
- Notification emails
- Maintenance History report
- Maintenance Overdue report

“After implementing Trimble MRM solutions, we realized a significant reduction in miles driven. Although oil prices have been on the rise, we’ve been able to keep our fleet fueling costs relatively flat.”

- Chris Hannum, Regional Vice President Operations, Web Service Company, Redondo Beach, California



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† As reported by the U.S. Department of Energy October 28, 2005 at www.fueleconomy.gov, based on studies and literature reviews performed by Energy and Environmental Analysis, Inc., Washington, D.C.

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Mobile Resource Management

