

MARKET SOLUTION BRIEF

FLEET AND ASSET MANAGERS

REAL-TIME, WIRELESS
INFORMATION REPORTING FROM
THE FIELD, INCLUDING ALERTS

FLEET MANAGEMENT,
MACHINE HEALTH AND
PRODUCTION

PAPERLESS
MACHINE
AND ASSET
INSPECTIONS

RFID ASSET
TRACKING AND
LOCATION

MANAGE FLEETS AND ASSETS IN REAL-TIME

Profitability requires the fleet and asset manager to make smart decisions about deployment, production health and maintenance. No manager can be in the office and on multiple job sites at the same time, but with real-time information wirelessly reporting from the field, Trimble fleet and asset management solutions can make it seem that way.

Targeted solutions within the VisionLink® web-based fleet management platform monitor machine status, health, and productivity, then help the fleet manager schedule maintenance and allocate machines in the most efficient manner.

Trimble Inspection Solutions give equipment managers the ability to conduct asset inspections in real-time from a smartphone or tablet, aggregate the data across sites and projects, and produce comprehensive safety reports and preventative maintenance schedules.

Track, transfer and find assets with the Trimble® Tracker RFID System. Spend less time looking for equipment, reduce loss and increase utilization by quickly finding assets in the field and wirelessly sending the information to the office for reporting and analysis.

**Better data. Smarter decisions.
Less drive time.**



The Construction Technology Standard
construction.trimble.com

THE PROACTIVE APPROACH TO MACHINE HEALTH

An idle machine wastes money, whether it is waiting for work or waiting for maintenance. Any telematics solution can help locate equipment for repair, but Trimble solutions take asset management, asset inspections and machine health to a different level by making it proactive.

Trimble TirePulse Tire Monitoring System

Underinflation of equipment tires can lead to blow outs, safety risks and costly downtime waiting for repair. It can also decrease fuel efficiency by as much as 3%. So keeping rubber tires healthy can mean the difference between profit and just breaking even.

The Trimble TirePulse™ Tire Monitoring System works within VisionLink to proactively manage the fleet and schedule cost-effective preventative maintenance to extend tire life, promote fuel efficiency and avoid safety risks. TirePulse automatically sends an email alert to the fleet manager that a tire is underinflated and should be scheduled for maintenance. It can also provide a high temperature alert that conditions exist that could accelerate tire breakdown.

Trimble Asset Inspection Solutions

Millions of dollars are lost each year due to equipment downtime and unplanned maintenance. Take the guesswork out of asset maintenance and put the control in the hands of the equipment manager with Trimble Inspection Solutions.

Conduct daily machine, vehicle or asset visual inspections, including odometer readings, hours, safety and engine inspections with paperless and easy-to-use software that runs on a smartphone or tablet. Reduced human error, more visibility into asset condition for safety and preventative maintenance, and accurate health and safety reporting can deliver significant savings and increased equipment uptime.

Healthy assets equal healthy profits!



KEEP PROJECTS ON SCHEDULE AND ON BUDGET

Staying ahead of material usage and job progress can save overall project costs. Finding assets quickly and reducing money spent on lost equipment can also help ensure costs remain low and budgets aren't blown.



VisionLink

VisionLink 2D Project Monitoring allows the fleet manager to see average site loads, volumes, cycle times and load counts for one particular jobsite or several. Material usage and movement information helps keep cycles on schedule and facilitate just-in-time asset deployment decisions. The fleet manager can also track and address areas of congestion where the fleet is queuing and wasting fuel.

VisionLink 3D Project Monitoring offers similar benefits for earthmoving, grading and compaction progress. With better information on surfaces and volume movement, the fleet manager can make sure the right machines are being used on projects and avoid inefficiencies. The fleet manager can work with the project team to quickly make changes to the operations on site to address issues as they unfold in the field.

MANAGING A MIXED FLEET

No contractor has a fleet from a single manufacturer, so Trimble fleet and asset management solutions are designed to manage machines and equipment from any manufacturer, make and model. All components are built construction tough to withstand the harsh conditions found on the jobsite. Of all the things managers worry about, Trimble components won't be one of them.

Trimble Tracker RFID System

The Trimble Tracker RFID System allows contractors to track and locate equipment quickly and easily in real-time using Trimble ThingMagic® RFID technology, and then sync the information to Trimble Asset Manager in the office for reporting and analysis.

Trimble Asset Manager also stores information about asset visual condition using the Trimble Inspector Pro app, so equipment managers have a more complete view of their inventory and fleet for enhanced decision-making and better equipment utilization levels.

By seamlessly connecting the field and office with real-time information, contractors can spend less time locating and transferring equipment, reduce equipment loss, and increase asset utilization.

SOLUTIONS FOR FLEET AND ASSET MANAGERS

Trimble TirePulse Tire Monitoring System

Trimble TirePulse enables remote monitoring of pressure and temperature for every rubber tire in a fleet. Real-time alerts notify the fleet manager when conditions exist that could accelerate tire wear and decrease fuel efficiency.

Trimble Asset Inspection Solutions

Trimble Inspector is a free mobile app that allows equipment managers to easily inspect assets in real-time using their smartphone or tablet. Trimble Inspector Pro, the premium, subscription version of Trimble Inspector, is used to wirelessly aggregate and share asset condition across multiple sites using Trimble Asset Manager office software

Trimble Asset Manager software gives contractors the ability to store the inspection data of all assets in a centralized, web-based database for accurate reporting and documentation.

VisionLink powered by Trimble

VisionLink combines on-machine GPS hardware and web-based office software to provide near real-time equipment, material and site productivity information — regardless of job size, machine manufacturer or model. VisionLink Mobile allows the fleet manager to keep an eye on fleet assets, monitor material usage and production information from any smartphone or tablet in the field.

With VisionLink 2D Project Monitoring, the fleet manager can monitor cycle times and load counts to track actuals against targets and ensure optimal jobsite productivity.

VisionLink 3D Project Monitoring allows the fleet manager to monitor 3D earthmoving and finishing operations for timely decision making regarding project progress, equipment utilization and deployment.

Trimble Tracker RFID System

The Trimble Tracker RFID System gives equipment managers the ability to track and locate equipment quickly and easily on site or in the laydown yard, using handheld, fixed and vehicle-mounted readers. The information can then be accessed in the office with Trimble Asset Manager, a web-based database application.



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