

# Software Solutions

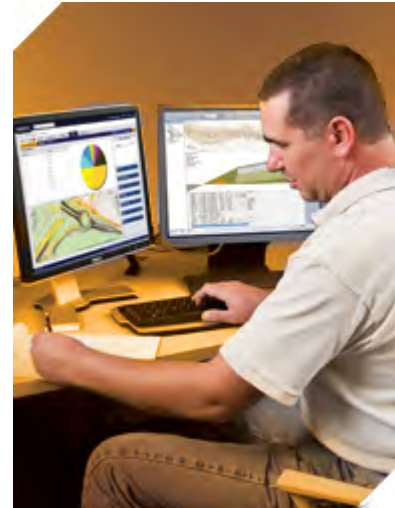


The VisionLink™ fleet, asset and site productivity management solution from Trimble tells you where your equipment is, what it's doing and how it's performing.

## Summary

Integrating site productivity, material quantities, and materials movement with asset and fleet management gives you a holistic view of your site so you can make the right decision at the right time. Centralizing and simplifying the management of on-site operations maximizes efficiency, raises productivity and lowers costs for your entire fleet.

The web-based VisionLink solution provides integrated production output and asset management information to owners, senior executives, operations managers, equipment managers, maintenance managers, site supervisors and rental equipment managers.



## Description

VisionLink allows you to quickly and easily view all of your equipment, regardless of make, in a secure, web-based application.

- Know when and where your equipment is working.
- Monitor asset utilization and minimize idle times to reduce equipment depreciation and eliminate unnecessary and costly fuel burn.
- Manage and make informed decisions about production efficiency.
- See continuously updated surface models based on machine activity.

VisionLink is available in the following subscription plans.

- Asset and Fleet Management
  - Universal
  - Rapid Reporting
  - Utilization
  - Health
- 2D Project Monitoring (includes VisionLink Mobile Project Monitoring)
- 3D Project Monitoring (includes VisionLink Mobile Project Monitoring)

## Applications

- Continuously monitor your equipment location, hours, utilization, fuel, maintenance and health to minimize service costs and increase up-time.
- Monitor cycle times, load counts and materials movement and quantity to track actuals against planned and keep production on track.

**Your Construction Technology Provider**



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- Continuously monitor and record 3D earthmoving, grading and finishing operations throughout the life of the project, and use the information to make timely decisions regarding equipment use and deployment.
- View 2D and 3D Project Monitoring data in the field on your smartphone or tablet with VisionLink Mobile Project Monitoring.
- Continuously monitor pass counts and compaction meter values (CMV) over the entire area of compaction and on all material layers to improve testing success, reduce rework and lower ongoing maintenance costs.

## Features and Benefits

FEATURE	BENEFIT
See where your equipment is	Bill equipment usage to the correct project, and locate it for pickup, maintenance or refueling
Create site boundaries and generate alerts on equipment entry and exit	Reduce theft, and ensure compliance with avoidance zones
Monitor machine hours	Plan and manage equipment maintenance and decrease equipment depreciation costs
Minimize idle time	Help with fuel economy, and identify equipment that would be better utilized on other sites to reduce costs and increase efficiency
Monitor cycle times and load counts	Monitor job site productivity
Integrate report data into ERP or project management applications	Ensure accuracy and reduce costs with automated data sharing
Receive reports every 10-minutes containing 1-minute interval data	Meet dispatch delivery and haul monitoring requirements
See fuel usage	Reduce owning and operating costs
Compare working day hours, runtime hours, and working versus idle time	Improve equipment utilization and increase productivity
Proactively monitor equipment health, and receive fault code and diagnostic information	Reduce downtime
Monitor cycle times and load counts	Monitor job site productivity
Track materials movement	Ensure materials are used in the correct site location, and contaminated materials are removed from the site
Estimate completion times more accurately	Keep jobs on track

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FEATURE	BENEFIT
See individual machine performance or aggregate fleet data to view an entire site at a glance.	Monitor productivity against plan and make decisions in near real-time to meet production schedules
Deliver machine-measured point files to the office	Meet documentation and as-builts requirements
Create real-time 3D surface models, elevation and cut and fill maps and show progress towards completion	Eliminate drive time to the site and ensure you have the most current information
Accurately capture all work completed including over-excavation and backfill, overfill or surcharge, and cut back operations	Get paid for all the work you do
Continuously monitor pass counts and compaction meter values over the entire area of compaction and on all material layers	Improve testing success, reduce rework and lower ongoing maintenance costs, ensure uniform lift thicknesses and consistent compaction pass counts and meter values and increase the surface quality and operational life
View 2D and 3D Project Monitoring data in the field on your smartphone or tablet, and identify problem areas such as soft spots or under-compacted areas and mark them or rework	Take immediate action to correct problems
Quickly view aggregated cut/fill maps or compaction coverage and pass count maps	Improve quality and decrease cycle times

## Technical Information

VisionLink is a secure, web-based application.

### Minimum system requirements

- Operating systems - Windows® XP, Vista and 7
- Processor - Intel Pentium II 450 MHz, AMD Athlon
- 600 MHz or equivalent
- Memory - 1GB of RAM
- Graphics memory - 128MB of graphics memory

### Supported languages

- English, German, French, Italian, Spanish and Portuguese

### Recommended browsers

- Internet Explorer, Firefox and Safari

### Enabling hardware

- Trimble SNM940 Connected Site® Gateway
- Trimble TrimTrac™ Pro Locator
- Cat® Product Link hardware

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## 2D Project Monitoring Subscription Plan Technical Information

- Requires the Trimble SNM940 Connected Site Gateway.
- Includes VisionLink Universal Asset and Fleet Management subscription plans and VisionLink Mobile Project Monitoring.

## 3D Project Monitoring Subscription Plan Technical Information

- Requires the Trimble SNM940 Connected Site Gateway.
- Requires a Trimble or Cat AccuGrade™ GCS900 Grade Control System, or a Trimble or Cat AccuGrade CCS900 Compaction Control System.
- Includes VisionLink Asset and Fleet Management Universal subscription plan, VisionLink Mobile Project Monitoring and 2D Project Monitoring subscription plan.

**Note:** Fleet and asset management functionality subject to some equipment manufacturers making data available on the ECM (Cat) or public J1939 CAN Bus.

## Graphics



## For More Information

Learn how contractors around the world are leveraging Trimble construction technology at:

[www.Trimble-Productivity.com](http://www.Trimble-Productivity.com)

The experienced construction professionals at your local SITECH® Technology Dealership can advise you on the appropriate solutions for your projects. Visit your local SITECH dealer today!

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