

Trimble SiteVision

Augmented reality system

Visualize data in the field

Trimble® SiteVision™ software brings spatial data to life in real-world environments so you can easily visualize, explore and understand complex information—right on your own mobile device. This user-friendly tool is used for communicating new designs and changes to field crews, inspections, determining productivity and calculating quick measurements. SiteVision plays a key role in all stages of the construction life cycle: planning and initial visualization, checking progress, and preventing issues to reduce cost and increase efficiency.

Fast, accurate and easy to use

Display data models as augmented reality on a real view of the site—with centimeter-level accuracy. The reliable visuals are stable, smooth and accurate so you can make measurements, calculations and decisions on the spot with confidence.

Work in areas without GNSS availability by using QR code positioning. Simply lock your digital design to the physical location for highly accurate visualization.

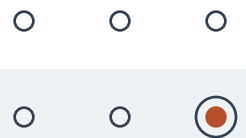
Make decisions in the field

The intuitive, user-friendly UI makes the system easy to use and accessible to anyone. With simple tools for measurement and volume calculations you can empower your team to perform estimates and make decisions in the field without a comprehensive survey. Don't waste time waiting for surveyors when anyone on the team can get accurate and timely information with SiteVision.

Utilize your existing equipment

SiteVision makes use of equipment you already own—reducing costs and equipment requirements. Compatible with almost any mobile device, transform your phone or tablet and survey rod into a multi-purpose tool with the addition of the low cost, high performing Trimble DA2 GNSS Smart Antenna.

Work longer in the field with the DA2 processing data for a seamless experience that is less demanding on your device. Power the antenna via USB directly from your device or from a power bank using your existing batteries to eliminate downtime.





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Communicate and collaborate

SiteVision seamlessly integrates with a wide range of Trimble products, open industry standards and third-party file formats. The easy-to-understand visualizations enable efficient collaboration with people of all skill levels.

- Create tasks and assign them to team members within SiteVision to quickly correct issues and keep projects moving along
- Eliminate delays and avoid rework by taking photos, measurements and notes in the field to provide accurate and up-to-date data to support decision making
- Streamline data across your organization with feature codes that label items to save time and keep data consistent

Applications

SiteVision enables users to easily understand new designs, existing underground services, and how future landscapes will look over time without the need to interpret complex 2D plans.

Planning

- Quickly communicate complicated plans and drawings by enabling users to see hidden and future infrastructure in the proposed location at true-to-life scale
- Confirm designs, improve plans and avoid issues by identifying the location of underground utilities such as water, power, gas and telecommunications

Measure on site

- Easily measure grade and volume to identify and propose change orders
- Calculate quick measurements on site to stay on top of operations (dynamic distance tracking from one designated point, lines, cut/fill values)
- Quickly estimate stockpile volumes to help with material management and make adjustments as needed
- Get accurate locations relative to alignment on linear projects such as roading and highways with station and offset tracking

Monitoring and inspection

- Synchronize design and field data and determine jobsite productivity with more efficient inspections
- Visualize and compare onsite progress to design, inspect completed work, complete quality management and identify issues early to reduce costs and time
- Check finished grade and laid material thickness against design elevations and tolerances
- Monitor and conduct quality control for earthworks and paving operations

Trimble Civil Construction

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