

RUGGED TRIMBLE SPS985
GNSS SMART ANTENNA

TRIMBLE SITE TABLET RUNNING
SCS900 AND VISIONLINK



SOLUTIONS FOR SITE SUPERVISION AND MANAGEMENT

Efficient use of job crews, sub-contractors, machines, and materials depends on the construction supervisor knowing everything about the site, at all times. Managing that information and making on the spot decisions are essential to keeping a project on time and on budget.

Trimble® Connected Site® solutions empower supervisors and foremen with the right information at the right time. From the job site, truck, or office, they can be connected and equipped with accurate positioning, consistent digital design information and the ability to locate, measure and record information. They can also share information, track results instantly and manage multiple job sites with ease.

Managing Site Information Digitally

Efficient construction operations begin with materials quantities and earthworks models generated in Business Center – HCE software. Good data preparation can help identify and resolve potential site problems before breaking ground – saving time, money and headaches.

Data changes made by the supervisor are automatically recognized, used to populate the project database and routed to all other crews. There is no need to request data updates; using wireless data synchronization functionality, updates are automatically pushed to everyone.

With a Trimble SPS985 GNSS Smart Antenna mounted on the roof and a Trimble Site Tablet running Trimble SCS900 Site Controller Software in the cab, the site supervisor can easily collect and manage the jobsite data needed to stay on schedule and on budget. Designed for the daily needs of heavy civil contractors, SCS900 employs dedicated task-specific menus and reports that streamline data management and on-site measurement tasks.

As part of the Trimble Connected Controller solution, the Trimble Tablet has built-in communications capabilities to keep information flowing. With instant email access and data synchronization in the truck, there is no need to drive data updates to and from the office and field.

Trimble office software and field solutions are designed to work together in an integrated workflow. A single digital design created in Business Center – HCE seamlessly connects the supervisor with everyone on the project team: design engineers, the data manager, machine operators and grade checkers.

The supervisor can connect to the office for approvals and communicate work orders immediately. Site issues can be photographed, geotagged and overlaid on the site map — making it easier to solve problems and communicate remediation work to job crews. Progress reports and as-built data can be sent to the office at the end of the day or on completion of operations.

Navigating the Site

The Trimble Site Tablet graphically displays the supervisor's current location, the station or chainage, and cut/fill information for that particular area. Just by driving through the site, the supervisor can measure progress and determine what work is yet to be completed.

The supervisor can navigate to particular points of interest such as control points, problem areas and site boundaries. If more precision is required, the SPS985 can be transferred to a range pole for quick and easy measurements. With the SCS900 tools for side slope staking, volume calculation and grade checking, the supervisor has everything needed to conduct site preparation and progress monitoring.

Monitoring Resources

To facilitate efficient machine usage, the supervisor can access the VisionLink™ fleet and asset management solution on the Trimble Site Tablet and get an immediate snapshot of machine status, machine location, and project status. VisionLink Project Monitoring can be used on a smartphone or Trimble Site Tablet to see the number of loads completed, distances traveled between loading and dumping, how much material has been moved, and earthworks progress and volumes. Supervisors and foremen can immediately view project status and have information available to understand where adjustments can be made to positively impact productivity.

Learn More

To learn more about how Trimble Site Positioning Systems can facilitate the work of construction supervisors, project managers, site engineers, foreman, and machine managers please visit www.trimble.com/supervisor

TRIMBLE EQUIPMENT FOR SUPERVISORS:

Business Center – HCE Software

Business Center – HCE office software serves as a scalable platform for all data-related activities from initial bid estimation through earthmoving and paving.

Trimble Site Tablet

The Trimble Site Tablet is a rugged and wirelessly connected tablet computer that allows supervisors to make design changes in the field, connect to the office for on the spot approvals and communicate changes to field crews.

SCS900 Site Controller Software

Trimble SCS900 Site Controller Software organizes job site information the same way contractors already work. An intuitive interface makes SCS900 easy to learn and use for tasks such as grade checking, staking or measuring as-builts.

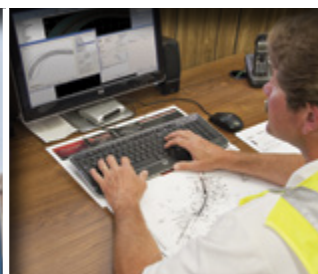
SPS985 GNSS Smart Antenna

The ultra-rugged Trimble SPS985 GNSS Smart Antenna offers unmatched reliability for construction site measurement tasks. It is available in several configurations, allowing supervisors to purchase the appropriate accuracy level to fit jobsite and budgetary requirements.

VisionLink Project Monitoring

VisionLink powered by Trimble gives supervisors a holistic view of project status and materials movement. With immediate access to this information using either an office PC or a mobile tablet or smartphone, supervisors and foremen can make adjustments to positively impact productivity.

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