

### KEY FEATURES

- Fast to learn, easy to use software for GPS and total station operations
- Comprehensive tools for site measurement, grade checking and stakeout
- In-field surface modeling of measured data including contour generation and volume computations
- Works with construction tolerances for in the field quality control of material thickness and grade checking operations
- Continuous real-time position, station and offset, elevation and cut/fill to the selected design
- Powerful management tools organize data for multiple crews into sites, designs and work orders facilitating rapid access and automated retrieval of interrelated information in the field or office
- Automated, high quality reports of all recorded measurement and stakeout information

### TAKE CONTROL OF THE JOBSITE

Trimble® SCS900 Site Controller Software provides heavy and highway contractors an easy to use solution for site measurement, grade checking and stakeout. Combined with Trimble Site Positioning System GPS+GLONASS receivers or total stations, the Trimble SCS900 software allows the contractor to take more control over the job site — whether it is a small site development or major highways project. Now contractors are empowered to conduct their own site positioning tasks without the need to call in a contract surveyor to set stakes or compute volumes.

Contractors in highways, site preparation, earthworks, landfill, waste disposal, and mining can use Trimble SCS900 Site Controller Software for:

- Establishing and checking site control for GPS or total station operations
- Performing initial site measurement and verification of original ground levels
- Measuring and locating existing site features
- Checking finished grade and laid material thickness against design elevations and tolerances
- Computing progress and material stockpile volumes
- Doing stake out for earthworks, side slopes, catch points, roads, utilities, finished grade, pads and structures
- Managing, monitoring, and conducting quality control for excavation and grading operations
- Assessing as-built measurements and generating high quality reports for record keeping, client approvals and payment purposes

### Graphics, Color and On Screen Reports Simplify Stakeout and Measurement Tasks

Trimble SCS900 Site Controller Software uses color coverage maps to quickly show areas of cut and fill on the project, incorporates a laser receiver style lightbar to indicate on grade status, and generates on screen reports for stakeout

that show the user how and what to write on the stake. These simple tools increase productivity, eliminate mistakes, and drive consistency — even with inexperienced operators.

### Automated Reporting and Easy Analysis

Trimble SCS900 Site Controller Software stores its measurement and stakeout records in industry standard DXF files complete with all linework and surface models, or in Microsoft® Excel® spreadsheets formatted and ready to print. All operations are carried out with reference to tolerances for position, grade or material thickness. Out of tolerance data or cut/fill information is color-coded for immediate identification and data filtering in reports. The reports generate pie charts, bar charts, or graphs for easy analysis of completed operations.

### Portable, Up to Date Information Facilitates Decision Making

Trimble SCS900 Site Controller Software is also much more than just a site measurement and stakeout tool. This powerful construction software mobilizes the entire site workforce with portable up to date digital design information. Grade checkers, engineers, surveyors, inspectors and site supervisors all have the same information available — a set of plans that can be taken anywhere in any conditions, with instant location or navigation on the map. Design queries are simple and quick to execute. If the data isn't already stored, it can be keyed in, interpreted from what is available and used to compute slopes, distances, areas, volumes and cut/fill in seconds. The software facilitates instant, on the spot decision making, while troubleshooting site problems and managing day to day operations.



# TRIMBLE SCS900 SITE CONTROLLER SOFTWARE

## Expert Information Management Eliminates Delays

What's more, Trimble SCS900 Site Controller Software manages projects, carries out QA and QC operations quickly and efficiently and eliminates office data computations and bottlenecks associated with competitor software products. The SCS900 data management system automatically files and organizes information, so it can be located and retrieved on demand, providing the information and recorded traceability that is critical for the success of a project.

Using Trimble Intelligent Data Tracking technology, the Trimble SCS900 Site Controller Software ensures that all crews and the office data manager always have the same, correct and latest information. Control and stakeout points created by one crew or design changes made by the office data manager are copied to all crews on the project.

This structured approach to data management eliminates site problems, reduces errors and associated rework, and allows productivity and performance of field crews and site machinery to be monitored and analyzed.

## Available for Handheld Controllers or Tablet PCs

Trimble SCS900 Site Controller Software is the power behind the Trimble Site Positioning Systems product family and is available in two configurations:

- Trimble SCS900 Site Controller Software for use as a rugged, portable solution for site positioning applications using Trimble TSC2<sup>®</sup> and Trimble TCU controllers.
- Trimble SCS900 Site Controller Software Tablet Edition (TE) for use as an in-vehicle solution on a laptop PC or tablet computer. Trimble SCS900 TE utilizes the processing power and large screen capabilities of the PC for handling large project data sets and providing position, real time cut/fill, site management and supervision.

## AN IMPORTANT COMPONENT OF THE TRIMBLE SITE POSITIONING SYSTEM PORTFOLIO

Trimble SCS900 Site Controller Software powers the Trimble Site Positioning System portfolio, featuring the broadest range of positioning sensors:

- Trimble SPS781 and SPS881 Smart GPS Antennas
- Trimble SPS751 and SPS851 Modular GPS Receivers
- Trimble SPS730 and SPS930 Universal Total Stations
- Trimble SPS610 Total Station
- Trimble SPS651 Modular GPS Receiver
- Trimble SPS551 Modular GPS Receiver
- Trimble GPS Pathfinder<sup>®</sup> XB Receiver

## MINIMUM HARDWARE REQUIREMENTS FOR TRIMBLE SCS900 SITE CONTROLLER SOFTWARE

Trimble SCS900 Site Controller Software is designed to operate on the Trimble TSC2 and TCU field controllers.

The minimum requirements for the laptop or tablet computer running Trimble SCS900 TE are:

- Pentium-based computer with 1.0 GHz processor or faster, 256 MB RAM and 1 GB hard drive available prior to installation
- Microsoft Windows<sup>®</sup> XP operating system, Microsoft Windows XP Tablet PC Edition operating system, The Windows Vista<sup>™</sup> operating system
- Touch screen or mouse
- 800 x 600 display resolution for standard laptop or tablet; 800 x 480 for Ultra-Mobile PC

## Recommended Hardware

Samsung Q1 Ultra-Mobile PC or Panasonic Toughbook-19

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