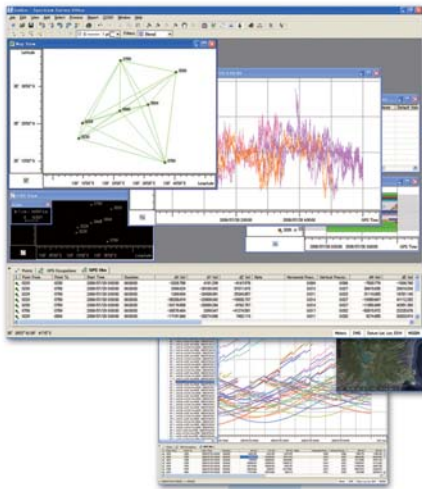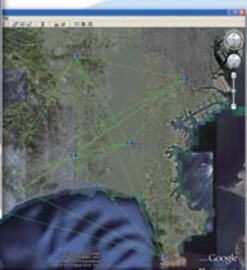# SOKKIA

Spectrum Survey Field
Data Collection Software
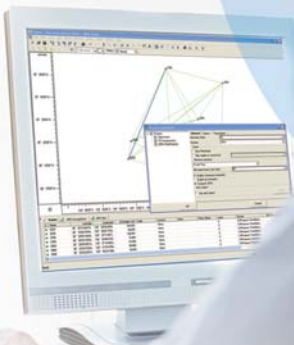
Spectrum Survey Office
Office Software

Fast, Powerful, User-Friendly Field and Office Software


Spectrum Survey Office

Spectrum Survey Field

Leveraging Sokkia Data Collectors, GPS/GNSS Receivers, Total Stations, Robotic Total Stations, and Digital Levels, Spectrum Survey software maximizes quality and efficiency of both field data collection and data processing.

Spectrum Survey Field

- Supports the latest Windows Mobile® 6.5.
- Easy-to-navigate graphical user interface.
- Map View for Points, Lines, and Roads.
- Rich data formats include popular Sokkia SDR.
- Modular software design allows for future enhanced functionality.
- Designed for optimum efficiency with Sokkia Data Collectors such as SHC250 and SHC2500.
- Onboard version for the SRX and SET X Total Stations available.
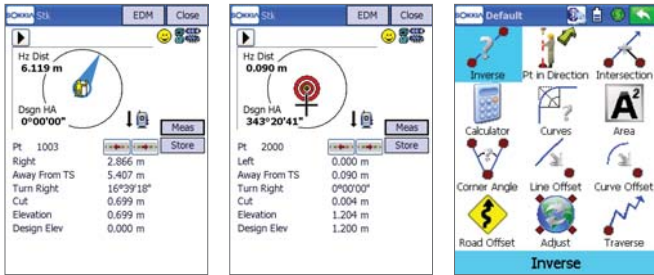
SSF Software Packages

Package	Module			
	Basic	Enhancement		
	TS+GIS	Robotic	GPS+	Roads
SSF Basic	●	—	—	—
SSF Robotics	●	●	—	—
SSF Pro Robotics	●	●	—	●
SSF GPS+	●	—	●	—
SSF Pro GPS+	●	—	●	●
SSF Complete	●	●	●	●
SSF TS Onboard for SRX	●*1	●	—	●
SSF TS Onboard for SET X	●*1	—	—	●

*1 [SSF TS Onboard] does not include [GIS] module.

SSF Modules and Supported Instruments/Functions

Instrument/Function	Module			
	Basic	Enhancement *2		
	TS+GIS	Robotic	GPS+	Roads
Total Stations	◆			
Robotic Total Stations	■	◆		
Digital Levels	◆			
DGPS - Real-Time/PP	◆			
GPS/GNSS - Static/Kinematic	◆			
GPS/GNSS - RTK/Network-RTK	■		◆	
Road Calculations/Stakeout	■			◆

*2 Basic module required for all cofigurations.

System Requirement

Operating System	Windows® CE V.4.0 or later
	Windows Mobile® 6 or later
Display	240x320 or 320x240 pixels
RAM	64MB or larger
Internal Flash Memory	50MB or larger free space

Spectrum Survey Office

- Three modular software; Post Processing, RTK, and Total Station can be purchased separately. Advanced module option enhances GPS/GNSS post processing capability.
- Toolbars and reports can be easily customized for the user's specific needs.
- Supports all major datums and projections.
- 1D, 2D, 3D or Auto least squares adjustment can be performed (Advanced module).
- GPS and GLONASS data processing can be enhanced with the Advanced module that provides more selections for post processing engines, adjustments, datum transformations, and localizations.
- Points, occupations and observations that fail the quality control tests are marked in red on the Views and in Reports for easiest identification.
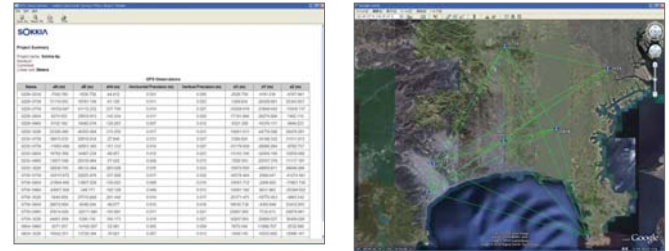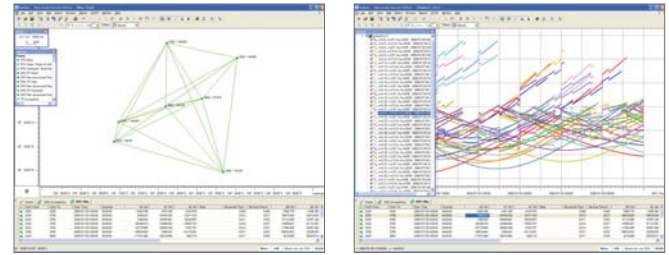
SSO Software Packages

Package Name	Supported Instruments	Major Functions
SSO Post Processing	GPS/GNSS	Post Processing, Adjusting and Reporting
SSO Post Processing + Advanced		SSO Post Processing + additional options for processing, adjustment and localization
Advanced Module (Upgrade option for SSO Post Processing)		Advanced post-processing, network adjustment, and localization
SSO RTK		Adjusting and Reporting RTK data
SSO Total Station	TS / Level	Adjusting and Reporting

System Requirement

Operating System	Microsoft Windows® XP, Windows Vista®
Processor	Intel® Pentium® 1GHz or faster
RAM	Minimum 512MB, 1GB recommended
Hard Disk Space	300MB or larger free space
Monitor	17in. or larger monitor recommended, 256 colors
CD ROM Drive	Required for installation
Connectivity	USB 2.0 Port

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