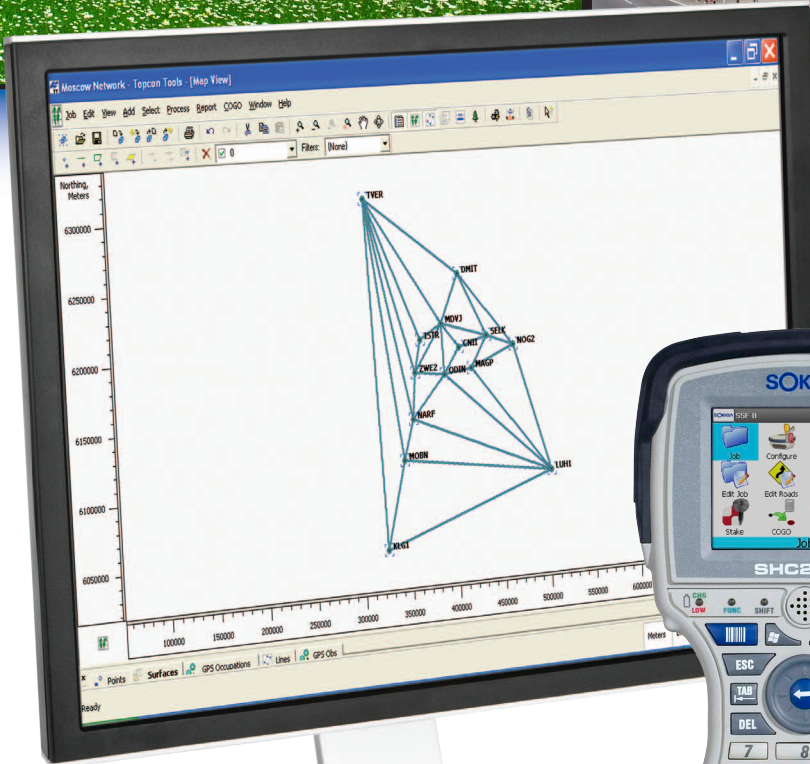


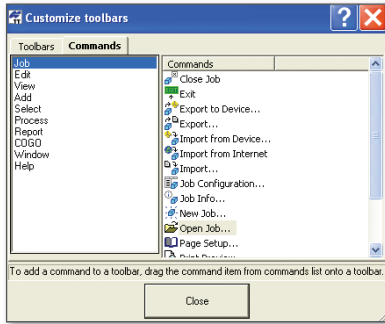
Spectrum Survey Office

Desktop Software



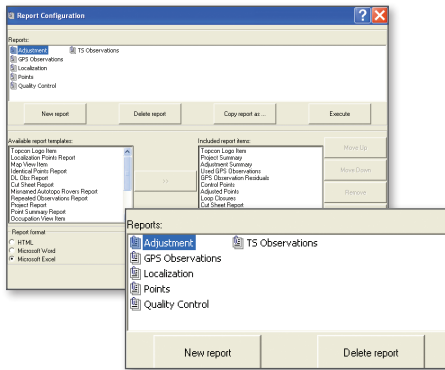
SOKKIA

Spectrum Survey Office software provides a powerful post processing, network analysis and Impressive data automation routines take much of the hassle out of GPS+ processing. Sort data and grid projections with this modular software.



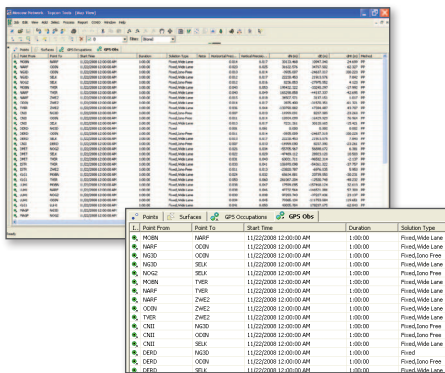
Custom Toolbar

- Put your workflow on a toolbar
- Work sequentially from importing data to final reports
- Save time and increase efficiency



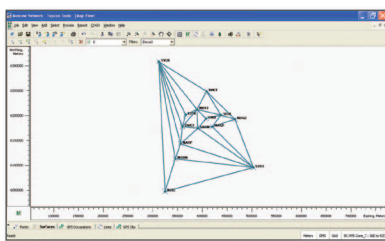
Custom Reports

- HTML, Word, and Excel formats
- Easily customize pre-defined reports
- Easily create new reports



Tabular View

- Display Lat/Lon, grid, or ground coordinates
- Select which columns are displayed
- Use sort function to quickly analyze data

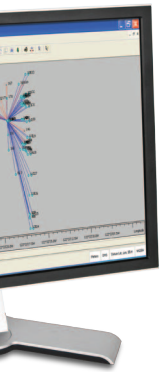


Graphic View

- Control visibility of legend, grid, and labels
- Control the type of observations shown
- Control visibility of background images
- Save graphic view as a jpeg or bmp file
- Set background color

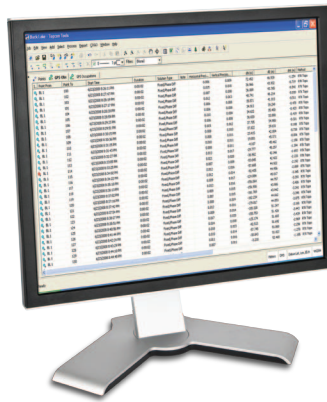
Work the way you want, display what you

adjustment solution with an intuitive interface that is easy to learn and easy to use. Data by a variety of fields, customize it to match your workflow and design your own



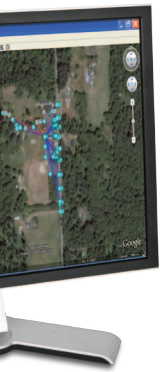
Map View

- Quickly visualize and quality control all your observations
- Select what observations you want to see (static, RTK, total station traverse or sideshots)
- Save graphic view as a jpeg or bmp file
- Graphical selection linked to Tabular View



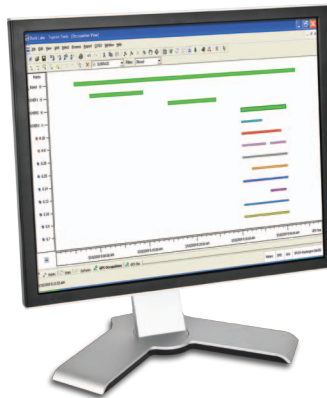
Tabular View

- Perfect for in depth data analysis
- Sort observations by precision, PDOP, or number of SVs
- Check antenna and rod heights for blunders and easily correct mistakes
- Easily view any notes entered by the field crew



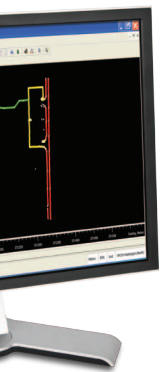
Google Earth View

- See where your job is on the earth
- Generate a Google Earth kml file to email to clients or the office
- Synchronize view with your SSO job



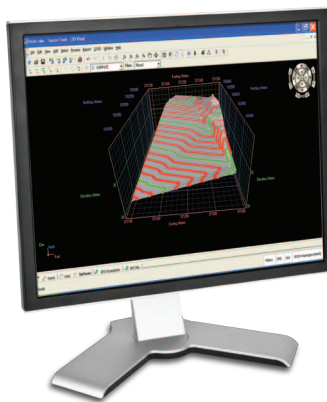
Occupation View

- View all your observations on a time line
- Review and edit individual satellite tracking
- UTC or local time



CAD View

- View your observations as points and lines
- Quality control and edit your field work before sending it to the draftsman
- Add points and lines



3D View

- View your job in three dimensions
- DTM and contour quality control
- Drape imagery over surfaces

want to see and get the reports you need.

Spectrum Survey Office Features:

Import

- Import directly from Sokkia receivers, data collectors, total stations, and digital levels
- Import CORS data from the Internet
- Import industry standard formats (shp, dxf, dgn, LandXML, ASCII)

Post Processing

- Process GPS and GLONASS data
- Process RINEX data from other manufacturer's receivers
- Static and Stop and Go Kinematic processing

Coordinate Systems

- Support for all major datums and projections
- User defined projections
- Localization to ground coordinate systems
- Extensive geoid model support

Background Images

- Support for common image formats (jpeg, tiff, bmp, dwg, MrSid)
- Convert images to new coordinate system including ground coordinates
- Georeference images with least squares fit (jpeg, tiff, bmp)
- Export georeferenced images to data collectors

Quality Control

- Data is constantly monitored
- User defined thresholds
- Easily identify suspect data

Adjustment

- Least squares adjustment of GPS, total station, and level data
- Interactive blunder detection
- 1D, 2D, or 3D adjustments
- Adjustment of geographic, grid, or ground coordinates

Reports

- Default reports for Points, GPS Observations, Total Station Observations, Quality Control, Adjustment, Localization, and Loop Closures
- Include graphic views in your reports
- Versatile and easy to use report configuration

Export

- Export to industry standard formats (ESRI shp, dxf, dwg, LandXML, and ASCII)
- Export Google Earth kml format
- Export directly to Sokkia data collectors

Total Solution – Maximize the Use of Spectrum Survey Office with Spectrum Survey Field and Layout Field software.

Spectrum Survey Field

Field controller software with a superior graphical user interface and fast performance.

- Large graphical user interface
- Intuitive User Interface (GUI)
- Graphical Stakeout
- Map view data collections
- Fast job management and storage
- Single source solution
- Advanced roading available
- Available for Windows® PC, Windows CE, Windows Mobile®, handhelds or on-board

Layout Field

Easy-to-use solution that streamlines construction layout.

- Field-to-Finish solution
- Intuitive field software supports manual total stations
- Custom built interface for contractors
- Easy layer management tools
- Contouring and surface file editing
- Standalone performance
- Extensive Cogo tools
- Supports Autocad DWG and DXF files

SSF 8 Recommended System Requirements

Operating System -	Microsoft Windows® XP/Vista/7
Processor -	Compatible with Intel® Pentium® 1 GHz or faster
RAM -	512 MB (1 GB recommended)
Disk Space -	300 MB
Monitor -	17" or larger, displaying 256 colors
CD ROM -	Required
Connectivity -	USB2 port for hardware lock

