

Topcon Tools™

Office Software



Powerful processing and analysis software that's easy to learn and use



- SUPPORTS ALL TOPCON SURVEY INSTRUMENTS AND DATA COLLECTORS
- MODULAR SOFTWARE INCLUDING TOTAL STATION, RTK, POST PROCESSING, GIS, DESIGN, AND IMAGING
- EASILY CUSTOMIZABLE FOR YOUR WORKFLOW
- MULTIPLE VIEWS OF YOUR JOB INCLUDING MAP, OCCUPATION, GOOGLE EARTH, TABULAR, CAD, AND 3D

Topcon Tools Features and Benefits

Import

- Import directly from Topcon 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

Design

- Create road alignments and x-section templates
- Create DTMs and contours
- CAD and 3D views
- Coordinate geometry calculations including surface comparison, inverse, point in direction, intersection, traverse, best fit curve, and best fit alignment

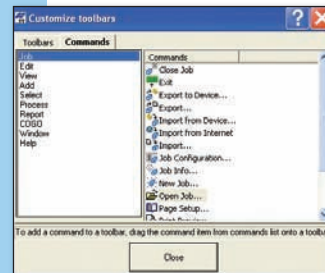
Reports

- 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

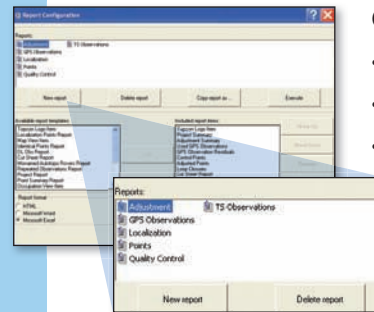
- Export to industry standard formats (ESRI shp, dxf, dwg, LandXML, and ASCII)
- Export Google Earth kml format
- Export directly to Topcon data collectors

Topcon Tools is easily customizable to match your workflow. Work the way you want, display what you want to see, and get the reports you need.



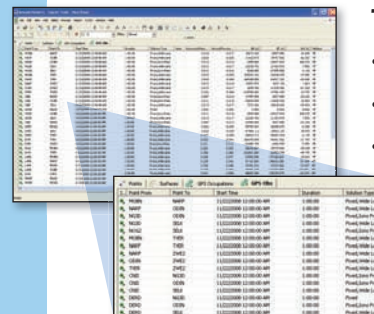
Custom Toolbar

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



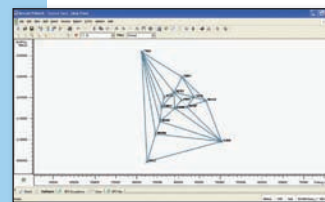
Custom Reports

- 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



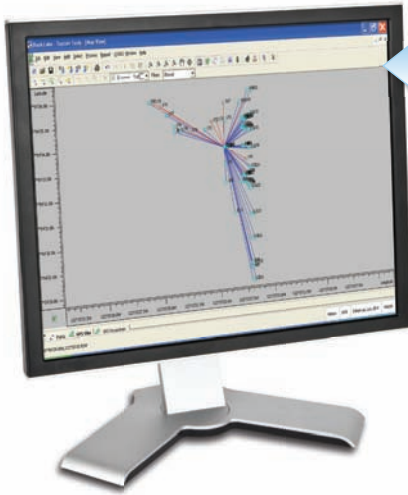
Graphic View

- 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



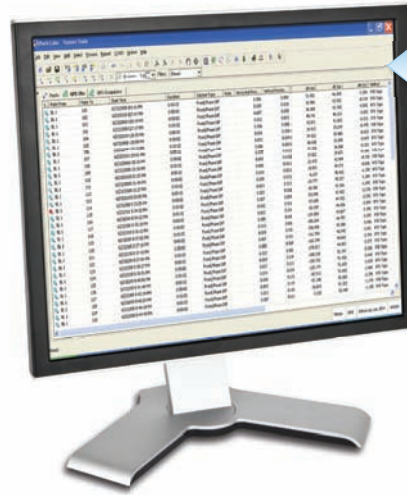
Topcon Tools Supports all Topcon survey instruments and data collectors!

Topcon Tools Provides Multiple Views of Your Job!



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 Topcon Tools job



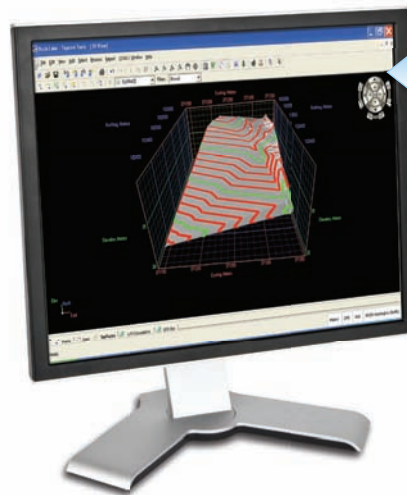
Occupation View

- View all your observations on a timeline
- 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

The Leader in Positioning Technology...

Topcon offers positioning products that deliver unparalleled site-wide performance and integration. Topcon's history of technological advances and our reputation for superior reliability means there's no other company positioned to provide you with a better "Total Positioning Solution."

From survey to inspection, Topcon dealers throughout the world provide innovative technology that gives surveyors, civil engineers, contractors, equipment owners, and operators the competitive edge by addressing such critical issues as increasing profits, quality craftsmanship, improving productivity, lowering operating costs, and enhancing jobsite safety.

Full positioning integration field-to-finish: That's the goal of Topcon. When it's time for you to step up to the next level, it's time to turn to Topcon.

The Leader in Customer Satisfaction...

To ensure that your Topcon product maintains peak performance, your local Topcon dealer offers factory trained and certified service technicians. If service isn't available in your area, our factory offers a repair and return policy second to none.

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Specifications subject to change without notice

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Recommended System Requirements

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

Topcon Tools Companion Software

TopSURV

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

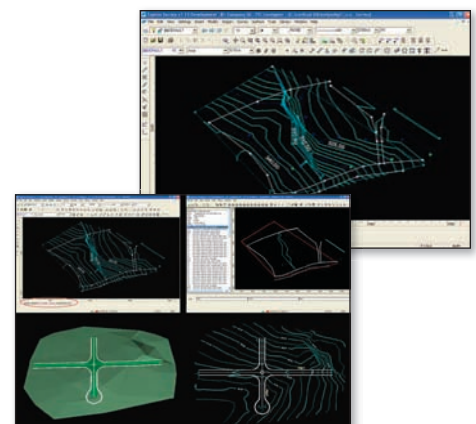
- Large Graphical User Interface (GUI)
- Intuitive User Interface
- Graphical Stakeout
- Map View data collection
- Fast job management and storage
- Single Source Solution
- Advanced Roading Available
- Available for Windows® PC, Windows CE, Windows Mobile®, handhelds or on-board



SurveyMaster

An integrated surveying and CAD drafting solution for surveyors

- Field-to-Finish Topcon Solution
- Synchronization with TopSURV 7
- Program is Transportable – USB Key
- Finished Plat Printing
- Contouring and Surface File Editing
- Volume Analysis
- Standalone Performance
- Extensive Cogo Tools
- Legal Description Writer



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