



Topcon SiteMaster/Topcon SiteMaster Lite

Construction and Survey Office Software



An integrated construction, surface modeling and design CAD solution for surveying and construction professionals

- FULLY COMPATIBLE WITH TOPCON 3DMC SYSTEMS
- IMPORT/EXPORT COMPLETE 3DMC PROJECT FILES
- SYNCHRONIZATION WITH POCKET 3D AND TOPSURV 7
- PROGRAM IS TRANSPORTABLE – USB KEY
- AUTOMATED (FULL VERSION ONLY) OR MANUAL ROAD DATA ENTRY
- SURFACE (DTM) CREATION/EDITING

Introducing new software for the surveying and construction professional, Topcon SiteMaster and Topcon SiteMaster Lite!



These two new office software programs from Topcon provide the final components for a complete Topcon construction/survey solution. Topcon SiteMaster is the complete package and provides total project control from start to finish. Topcon SiteMaster Lite gives you the tools to import/export, view and edit the critical design files for 3DMC projects.

Topcon SiteMaster

Topcon SiteMaster is an integrated design, surface modeling and construction survey solution, which provides unparalleled ease-of-use and seamless integration for Topcon field equipment and 3DMC systems. Whether it's the initial boundary and topo survey, or a complicated multi-surface construction site, a simple road design or a multilane divided highway design, Topcon SiteMaster gives you everything you need to complete the project and prepare the surface model for use with 3DMC systems. From project start-to-finish, control the critical data flow from data collection, survey data analysis, engineering design, surface modeling, design stakeout, to as built survey with Topcon SiteMaster. Plot design plans, as built surveys and revision plans. Topcon SiteMaster provides the total construction package for surveying and construction professionals.

Topcon SiteMaster Lite

Every 3DMC system should include Topcon SiteMaster Lite. Import, export, view and edit surfaces, horizontal and vertical alignments, cross sections and points using Topcon SiteMaster Lite's many tools. Manage and monitor your construction site project with this easy to use program. Quickly transfer the project files you need to keep construction moving. If the entire project is required for import or export simply choose the project to transfer and all the design elements are transferred with this single file system. When more control and functionality is required, an upgrade to Topcon SiteMaster is just a phone call away.

Standalone Performance and Freedom

As a standalone CAD-based software solution, both Topcon SiteMaster and Topcon SiteMaster Lite give you control with flexibility. Interface with all Topcon field equipment or perform simple import/export functions to other software programs.

Topcon SiteMaster and Topcon SiteMaster Lite office software, the perfect compliment to Topcon's 3DMC Systems



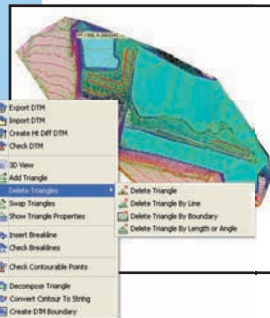
Fully Compatible with Topcon 3DMC Systems

With Topcon SiteMaster and Topcon SiteMaster Lite, simply import or export a 3DMC project and all of the design files are included with the project. This even includes the surface (tn3) files. An export wizard makes it easy to export only the design elements you need or all of the elements. Previews of the available horizontal alignments, lines, points and DTMs are provided.



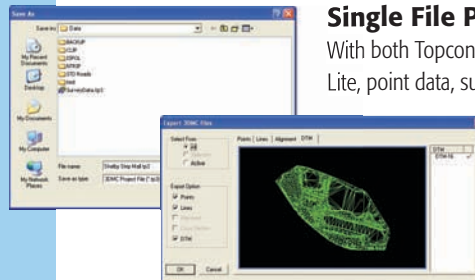
Synchronization with Pocket 3D and TopSURV 7

Both Topcon SiteMaster and Topcon SiteMaster Lite are compatible with Pocket 3D and TopSURV. Project elements such as horizontal alignments, vertical alignments, and cross-sections are automatically transferred during export to a mobile device. Import/Export tsj files directly from within the Topcon SiteMaster project to the mobile device. Even photo notes are automatically transferred.



Surface (DTM) Creation/Editing

Topcon SiteMaster and Topcon SiteMaster Lite's surface modeling command is the most efficient generator of a triangular digital terrain model available today. The formation of the triangles is a one button operation, with nominated break lines being incorporated into the model upon triangulation. The program provides many options for editing, deleting triangles and viewing the surface in 3D. Multiple surfaces are supported within a project.



Single File Projects

With both Topcon SiteMaster and Topcon SiteMaster Lite, point data, survey raw data, horizontal alignments, vertical alignments, templates, surfaces, linework and sewers are stored in a single file. This single file storage method greatly simplifies organization and improves efficiency.

Field or Office, Topcon SiteMaster/ Topcon SiteMaster Lite are Ready-To-Go

Topcon SiteMaster runs on the USB key, so when you need to move to a different PC or go out into the field, simply take the USB key with you. There's no hassle from PC license files or time consuming updating to several different PCs, just plug in the USB key and you're ready to go.

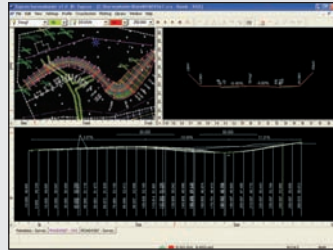


Designed for construction, surface modeling and road/site design professionals, Topcon SiteMaster and Topcon SiteMaster Lite provide unparalleled ease-of-use and seamless integration for your Topcon field equipment and 3DMC systems.

Features Available in both Topcon SiteMaster and Topcon SiteMaster Lite Versions

Road View/Edit

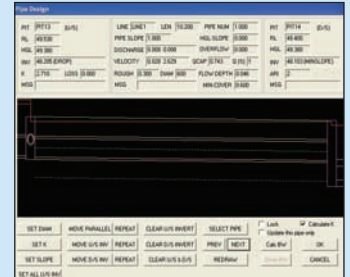
The Roads View/Editor utilizes an interactive 3-panel view which displays alignment, profile and cross section simultaneously. It includes powerful string and template design which can handle an unlimited number of strings. A curve length calculator is provided to simplify vertical curve design. Incorporates all facilities needed to design a simple road or a multilane divided highway.



Additional Design Features in Topcon SiteMaster (full version only)

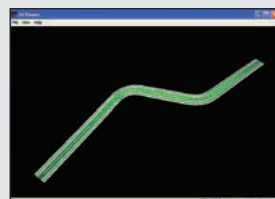
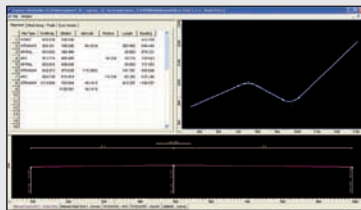
Drain View/Edit

The Drain View/Editor is designed to compute overland flow and pipe sizing for networks with one outlet. Overland flows and hydrological data are computed using the Rational Method, with pipe sizes and inverts being calculated by the Hydraulic Grade Line Method. The user-defined library allows for local rainfall intensities, pipe types and sizes, kerb and channel profiles and other data to be used.



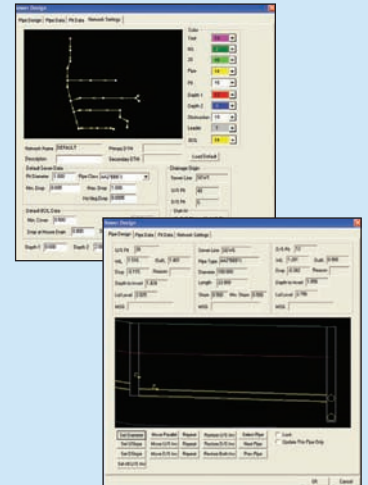
Manual Road Builder

The Manual Road Builder utilizes an interactive configurable tab based 3-panel display for quick and easy entry of road design data from paper plans. Horizontal Alignment, Vertical Alignment, Offsets to Design elements such as edge of road and curbs from a user defined reference are provided. Create a surface or cross sections based upon data entered as well as generate a report of the data.



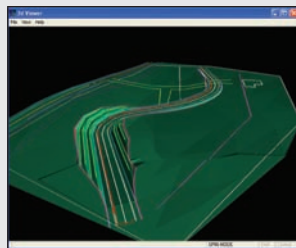
Sewer View/Edit

The Sewer View/Editor is designed to allow the entry of sufficient data to describe a sewer network with one outfall per pipe network. Interactively design the pipes to obtain the optimum combination of pipe slope and depth. Plot the final design profile for each line contained in the network.



3D Viewer

The power of 3D surface modelling can be harnessed with Topcon SiteMaster's 3D viewer. Investigate design changes from all angles. Quickly identify areas of the project that require attention.



2D to 3D Tools

"Elevating" design drawings to the project design elevation is easily accomplished using these tools. Elevate entities by text, by Starting and Ending elevations, by Interval or by the intersections with items containing elevation. These tools greatly speed up the preparation of design drawings for surface model creation for use with 3DMC systems.



The Leader in Positioning Technology...

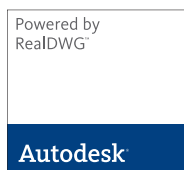
Topcon offers positioning products that deliver unparalleled site-wide performance and integration. Topcon's history of technological advances and our reputation for superior reliability means there's no other company positioned to provide you with a better "Total Positioning Solution."

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.



Topcon SiteMaster (full version) supports AutoCAD dwg files by using AutoCAD RealDWG technology.



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Specifications subject to change without notice

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Recommended System Requirements

Operating System	Windows® 2000/XP/Vista OS
Processor Speed	500 MHz processor or higher
RAM	512 MB RAM
Connectivity	USB2 port for hardware lock

Topcon SiteMaster and Topcon SiteMaster Lite Comparison Chart

Functionality	Topcon SiteMaster	Topcon SiteMaster Lite
Import/Export 3DMC Project Files	X	X
Import/Export AutoCAD dwg/dxf files	X	X
Import/Export MicroStation dgn files	X	X
Synchronization with Pocket 3D/TopSURV	X	X
Extensive Import/Export Options	X	X
Edit Coordinates – In place and editor	X	X
Cut/Fill Color Maps	X	X
Plotting	X	X
3D Viewer	X	X
Manual Road Data Entry	X	X
Volumes	X	Road Cross Section Volume Only*
Road Design/Editing	X	Limited**
Advanced Drafting Tools	X	
Advanced DTM Creation/Edit Tools	X	
Advanced Contouring	X	
Advanced Alignments	X	
Advanced Profiles Create/Edit	X	
Advanced Cross-Sections Create/Edit	X	
Subgrades	X	
Resheeting	X	
Libraries (Design, Drafting)	X	
Sewer	X	
Drainage	X	
2D to 3D Tools	X	
Includes SurveyMaster/SurveyMaster Lite Programs	X	

* A limited functionality set of the options available in Topcon SiteMaster.

** Road design is available in Manual Road Entry only. Road design editing on imported alignments and/or cross sections is limited in functionality. For full road design and editing ability see Topcon SiteMaster.

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