

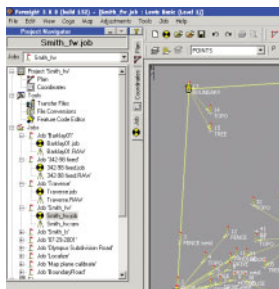


See the big picture

ForeSight DXM™ (Data eXchange Manager) gives you better ways to view, manage and analyze your survey data. You can easily transfer data from Survey Pro™ to your laptop or PC so you can use it to see your survey graphically. ForeSight DXM helps you manage project files, check data for accuracy and completeness, make simple edits and prepare data for your field survey or CAD development.

Use it before and after your field survey

ForeSight DXM helps you manage every stage of your project. Enter control data—including geodetic information such as GPS control and localization points—on your PC to graphically preview the job. Then transfer the project to your data collector and head out in the field to collect your data.



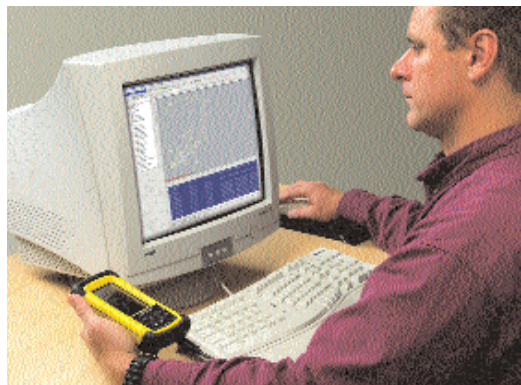
You can easily access any of the files, views and tools in your project using ForeSight DXM's Project Navigator.

Transfer the collected data back to your laptop or PC and use ForeSight DXM's project file to efficiently manage data from several days or different sources. Error-checking routines help ensure your survey data is accurate and complete.

What's more, the graphical views allow you to actually see the data as it was laid out. Even if you're

using an HP 48GX, ForeSight DXM can give you a map view of your project.

In the office, you can use ForeSight DXM to make simple edits to your files and ensure that your field data is clear and understandable. Check your data with basic COGO tools and use the graphical raw data view with terrestrial or GPS data. You can also adjust data using translate, rotate or scale tools and even modify geodetic systems and localizations to readjust coordinates.



ForeSight DXM gives you a graphical view of your raw data, making it easier to isolate any errors.

Export points and lines to most CAD formats

ForeSight DXM lets you export Survey Pro job files and points from your data collector to most popular CAD formats, with all the visible lines and points you created in the field. Plus that same picture can be sent to CAD with all the lines intact; you won't have to process even a single linework command. You'll save time and reduce the potential for errors.

Integrated with the tools you use

ForeSight DXM works with the surveying hardware and software tools you use—at the office and in the field. You can import files from most data collectors. Import and export TDS job, coordinate and raw data files, plus TDS point lists, DXE, DC and text files. And since Tripod Data Systems™ has been paving the way for the new universal surveying file format, ForeSight DXM works with LandXML data files.

From the #1 name in surveying software

ForeSight DXM comes from the makers of Survey Pro, the #1 choice of professional surveyors since 1995,* so it works the way you do. Plus you can count on our top-notch support team. Free technical support comes automatically with every TDS product, to answer your toughest questions and get you back to work quickly.

*Business News Publishing Company's "Surveying and Mapping Industry Studies," 1995-2002. Includes software sold by TDS and TDS partner companies.



Data Collection



GPS/GIS



Office Software



Construction

TDS ForeSight DXM Function Table Highlights

FILE

New project
 New job
 Open project
 Link data file
 TDS job (.JOB/.RAW)
 TDS points (.CR5/.RW5)
 Trimble (.DC)
 Link multiple job files to project
 Save project/job
 Save project as
 Import
 ASCII coordinates (.TXT, etc.)
 AutoCAD (.DXF)
 LandXML (.XML)
 Export
 TDS coordinates (.CR5)
 ASCII coordinates (.TXT, .ASC, .PTS)
 Trimble (.DC)
 AutoCAD (.DXF & .DWG)
 LandXML (.XML)
 Project properties
 Units for survey data
 Feet/U.S. feet/meters
 Units for angles
 Degrees/grads/gons
 Azimuth type
 North/south
 Number formats
 User information
 Print setup
 Print preview
 Print

EDIT

Edit objects
 Copy objects
 Delete objects
 Undo/redo
 Rename points
 2-D to 3-D points
 Clear current selection
 Selection editor
 Save selection to
 Save multiple selections
 Load selection to
 Recall selection for use

VIEW

Toolbars
 Project navigator
 Dialog bar
 Clear dialog bar

VIEW, cont.

Point labels - toggle on/off
 Identify objects - toggle on/off
 Zoom, real-time zoom/pan
 Wheel mouse zoom/pan
 Full screen
 Redraw
 Erase scratch layer
 Plan view
 Shows points and lines in job file
 Pick points graphically when required
 Allows for insertion of new polylines
 Lines saved to the job file and project
 Coordinate view
 Job view
 Transfer log/clear transfer log

COGO

Inverse point to point
 Inverse mode - simple/sideshot/sequence/
 multiple sideshots
 Area
 Closure report

REPORTS

Closure report
 Basic reports
 Coordinate
 Raw data
 Adjustment
 Translate/rotate/scale
 Projection
 Data management
 Transfer log
 Import/export
 Point renaming
 Level loop
 Cut sheet reports
 Offset stake
 Point stake
 Slope stake

MAP

Graphically select objects for editing
 Add points/edit point
 Coordinates
 Latitude/longitude/height
 Attributes
 Edit multiple points
 Add/edit polyline
 Add/edit alignments

ADJUSTMENTS

Translate/rotate/scale

TOOLS

Send/receive job to/from data collector
 HP 48, TDS DOS, Windows CE
 Create job for data collector
 HP 48, Husky (DOS), Ranger (Windows CE)
 Send/receive files
 Transfer settings
 ActiveSync
 Kermit
 Kermit server mode
 File conversion
 From and to multiple CAD and DC formats
 Feature code file editor
 Scientific RPN calculator
 Geodetic calculator
 Extract sub grid from geoid file

PROJECT/JOB

Project/job settings
 Manage layers
 Import/export point list (.PL5)
 Projection settings
 Manage data
 Job to project & project to job
 Manage geodetic information
 Import control points to job
 Reduce job raw data
 Archive job/project

COORDINATE EDITOR/VIEWER

Grid type editor
 Sort by any column
 Map view visible while editing (job view only)
 Shows extended point data
 Layer
 Latitude/longitude/height
 Attributes
 Select objects

RAW DATA EDITOR

Edit all raw data elements
 Regenerate coordinates
 Search
 Record type
 Data values
 Field type/value
 Graphical raw data view on map
 Entire survey
 Progressive by line
 One line at a time

Note: Polylines, alignments and geodetic data are not supported in .CR5 files.

Your local TDS dealer



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