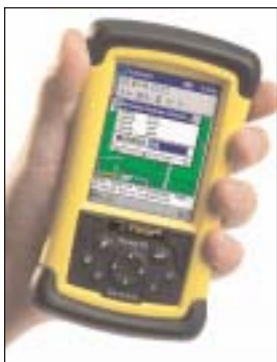




GIS mapping software in one size that fits all

Tripod Data Systems™ SOLO Field™ is truly comprehensive GIS mapping software. It offers functionality, flexibility and the latest computing technology, in a package that's compatible with virtually every GPS receiver and GIS file format. And best of all, it's easy to learn and operate—while still providing advanced features for advanced users.



The TDS Recon with SOLO Field is small enough to fit in your hand but still incorporates powerful tools like dynamic maps that help you visualize your work.

Get up to speed right away

SOLO Field is easy to learn and use. Its intuitive operation lets you process data quickly and accurately with minimal training. If you know Windows, you're already familiar with SOLO. And since it requires no special office software or post-processing, you don't have to worry about buying extra software to take advantage of SOLO's features. You can run SOLO on the rugged TDS Recon™ or Ranger™ as well as other handheld platforms.

Work with a variety of input and output formats

SOLO is designed to work the way you work, so you can gather position data via GPS or laser rangefinder, or by selecting a position on your basemap. SOLO supports ESRI Shapefile, AutoCAD DXF, MicroStation DGN, MapInfo MIF or TDS UDF basemap formats, as well as major image file formats such as TIF, JPG and DOQ. With SOLO you can export your data directly from the collector in a variety of common formats, including ESRI Shapefiles, AutoCAD DXF, MapInfo MIF and ASCII text, without post-processing. With this kind of flexibility, SOLO works the way you want it to.

Customize functions to suit your needs

SOLO offers a wide range of functionality and advanced capabilities. For instance, you can easily customize data collection forms to layouts that work best for you. You can also generate forms from your existing databases. SOLO's use of the touchscreen, plus intuitive menus and helpful dialog boxes make it easy to map points, lines and areas. And SOLO also provides a comprehensive navigation tool, plus a search function that allows you to locate basemap features by attribute. You can even edit your existing basemap data in the field. And these are just a fraction of SOLO's capabilities: As you learn more about your SOLO Field software, you'll discover that there are always more advanced features ready to take you to the next level.



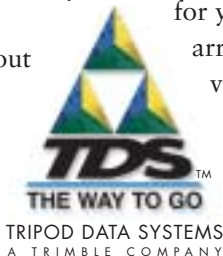
When you integrate the rugged TDS Recon with SOLO Field, an optional Extended CF-Cap™ and a GPS receiver card you have an all-in-one solution.

Take advantage of our years of experience

TDS has been developing field software since 1987, and we use real-world feedback to develop and refine our products. As a result, SOLO is optimized for field use, to ensure you spend more time doing fieldwork and less time maneuvering through your field data collection software.

Find out for yourself

The best way to decide whether SOLO Field is a good fit for you is to try it out. So call us at 541-753-9322 to arrange a free demonstration, or download a demo version of SOLO at www.tdsway.com/SOLO.



Utilities



Natural Resources



GPS/GIS



Military

TDS SOLO Field Function Table Highlights

POSITIONING

GPS receiver support: any NMEA, TSIP, RTK
 Laser rangefinder support: Laser Technology, LaserCraft,
 Laser Atlanta
 Total station support: limited brands & models
 Coordinate systems: UTM, SPC, LLA International, custom*
 * Requires SOLO Office software

DATA COLLECTION

GPS position averaging
 GPS quality filters
 Interval logging: time or distance
 Post-processing: Trimble SSF*
 Continuously updated map display
 GPS offsets (with or without laser): distance & direction,
 range triangulation, horizontal angle,
 continuous mode
 Touchscreen location selection (heads-up digitizing)
 Nested points
 Line directions & topology
 Connectivity
 GPS track
 * Uses Trimble TSIP protocol and requires Pathfinder Office
 or Pathfinder Express for post-processing

BASEMAPS & BACKGROUND IMAGES

Vector basemap support: SHP, DXF, MIF, DGN, UDF
 Basemap database access: for all formats
 Edit basemap: database & position (Shapefile only)
 Customize basemap display: color, symbol, labels,
 thematic display
 Query basemap
 Raster image support: TIF, JPG, DOQ, SIF*
 * Requires SOLO Office software

NAVIGATION

Navigate to point: logged feature, waypoint, basemap
 feature, entered coordinate
 Navigate along a line: define start & end, stationing
 along a line
 Navigate along a route: define route in the field
 Navigate area: patterned coverage of polygon
 Steering cue
 Distance & direction: to target, line/route (perpendicular
 offset) or station
 Data logging during navigation

DATA EXPORT

Export formats: ESRI Shapefile, AutoCAD DXF, ASCII,
 TDS CRS, MapInfo MIF
 Office export formats: ESRI Shapefile, AutoCAD DXF, ASCII,
 TDS CRS and user-defined ASCII

FEATURES & ATTRIBUTES

Feature types: point, line, area
 Attribute types: menu, text, number, date
 Symbols
 Thematic display
 Field editable
 Serial input for attributes
 Hyperlinks
 Query & filter
 Repeat feature

CUSTOMIZATION & SCRIPTING

Customize toolbar & menu options
 Create "business rules"
 Scripting: text based
 Link to third-party software

TOOLS

Redlining: freehand & notes
 Measuring: measure tool (bearing & distance), length/area
 calculator, inverse function
 Grid generation: rectangular or hexagonal
 Height calculator

System Requirements

SOLO SYSTEM REQUIREMENTS

Windows Mobile 2003 (Pocket PC), Windows CE 2.12, 3.0,
 .NET or later
 Grayscale or color touchscreen, minimum 340x240
 (or 240x320) screen resolution
 One serial port for connection to peripheral device
 (GPS/laser)
 16 MB of RAM

GPS RECEIVER REQUIREMENTS

Any GPS that can output coordinate information in NMEA
 can be used with SOLO Field. (Most manufacturers
 support this industry standard.)



SOLO Field maps are clear and sharp on the Recon's color touchscreen, even in bright sunlight. You can easily enter information with the stylus and software keys.



SOLO Field's easy-to-use features, combined with the Recon handheld's available GPS and wireless capabilities, help you work more productively in the field.

Your local TDS dealer



TRIPOD DATA SYSTEMS
 A TRIMBLE COMPANY

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