

SOLO FOREST™



WORKS ANYWHERE



BUFFER ON THE SPOT



EASY TO USE DATA COLLECTION



SPLIT OR MERGE POLYGONS

Easy to use, easy to customize - plus all the features foresters use most.

SOLO Forest™ is the only GIS mapping software designed specifically for forestry applications. It combines the proven flexibility of SOLO Field software with a streamlined interface that makes it easy to access the functions you use most.

Puts common functions in a handy toolbar

You'll find SOLO Forest is easy to use because it incorporates the features, functions and terminology you already use. A handy forestry toolbar gives you easy access to commonly used forestry functions and map features. You can also customize toolbars for easy access to your favorite functions.

Keeps track of your progress

With SOLO Forest, you can make sure your field work is complete while you're still in the field. It is the only GIS mapping software that can interface with forest inventory software and open a form as you navigate to each sample plot. Once you've visited a plot, the point symbol changes. So it's easy to verify you've visited all the sample plots in the stand.

Generates custom grids in the field

SOLO Forest is the only program out-of-the-box that lets you generate custom grids in the field. That means you can adjust for topography or other adverse conditions when you're in the field. You can generate grids in a square, rectangular or hexagonal patterns, and SOLO Forest gives you flexible options for ordering index points.

Works with your instruments

SOLO Forest supports interaction with third-party forest inventory software and a variety of instrumentation. It also works with most common file formats. SOLO Forest works on any Windows® CE compatible platform, and it's ideal for the Nomad® and Recon® rugged handheld computers.



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www.trimble.com/forestry

SOLO^{FOREST}™

SPEC SHEET

POSITIONING

GPS receiver support: any NMEA, TSIP, RTK
Laser rangefinder support: Laser Technology, LaserCraft, Laser Atlanta, Nikon DTMA-20
Total station support: limited brands & models
Coordinate systems: UTM, SPC, LLA International, custom*

DATA COLLECTION

GPS position averaging
GPS quality filters
Interval logging: time or distance
Post-processing: Trimble SSF
Continuously updated map display
GPS offsets/traverses (with or without laser): distance & direction, range triangulation, horizontal angle, continuous mode
Touchscreen location selection
Nested points
Line directions & topology
Connectivity
GPS track
Log a waypoint by GPS or manual position

BASEMAPS & BACKGROUND IMAGES

Vector basemap support: SHP, DXF, MIF, DGN, UDF
Use ESRI .APM files to load data sets
Use ESRI .PRJ files to specify projection info
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, JPEG2000, DOQ, SIF* and MrSID®* format

NAVIGATION

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

FEATURES & ATTRIBUTES

Feature types: point, line, area
Built-in forestry feature code
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
Specify grid by number of cells, height or width
Generate grids on multiple areas at the same time
Height calculator
Split and merge polygons
Create buffer zones
Built-in forestry toolbar

DATA EXPORT

Export formats: ESRI Shapefile with PRJ (projection information), AutoCAD DXF, ASCII, TDS CR5
Office export formats: MapInfo MIF, user-defined ASCII
Intelligent export file naming
Export projection and units of measurement

SYSTEM REQUIREMENTS

SOLO System Requirements
Windows Mobile 5.0, Windows Mobile Pocket PC 2003, or Windows CE 3.0 or later
Minimum 340x240 (or 240x320) screen resolution
One serial port for connection to peripheral device (GPS/laser)
32 MB of RAM (64 MB or more recommended)
GPS Receiver Requirements
Any GPS that can output coordinate information in NMEA can be used with SOLO Forest (most manufacturers support this industry standard).



Forestry-related functions are presented on a customizable forestry toolbar.



Navigate to the correct sample plot with help from SOLO Forest.

* Requires SOLO Office-Forest Edition software



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