

KEY FEATURES

- 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.

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® Embedded Handheld compatible platform, and it's ideal for the Nomad® and Juno T41® rugged handheld computers.



POSITIONING

- GNSS 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

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

BASEMAPS & BACKGROUND IMAGES

- Vector basemap support: SHP, DXF, MIF, DGN, UDF
- 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 or later
- Minimum 340x240 (or 240x320) screen resolution
- One serial port for connection to peripheral device (GNSS/laser)
- 32 MB of RAM (64 MB or more recommended)

GNSS Receiver Requirements:

- Any GNSS that can output coordinate information in NMEA can be used with SOLO Forest (most manufacturers support this industry standard).

* Requires SOLO Office-Forest Edition software.
Color display images shown may vary slightly from actual display.
Specifications subject to change without notice.

© 2013, Trimble Navigation Limited. All rights reserved. Trimble and the Globe & Triangle logo and Nomad are trademarks of Trimble Navigation Limited registered in the United States and in other countries. All other brand names and trademarks are property of their owners. PN 022518-001 (10/13)



YOUR AUTHORIZED TRIMBLE DISTRIBUTION PARTNER

Trimble Forestry

4100 SW Research Way
Corvallis, OR 97333
541-750-9200 phone



www.trimble.com/forestry