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 your 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.
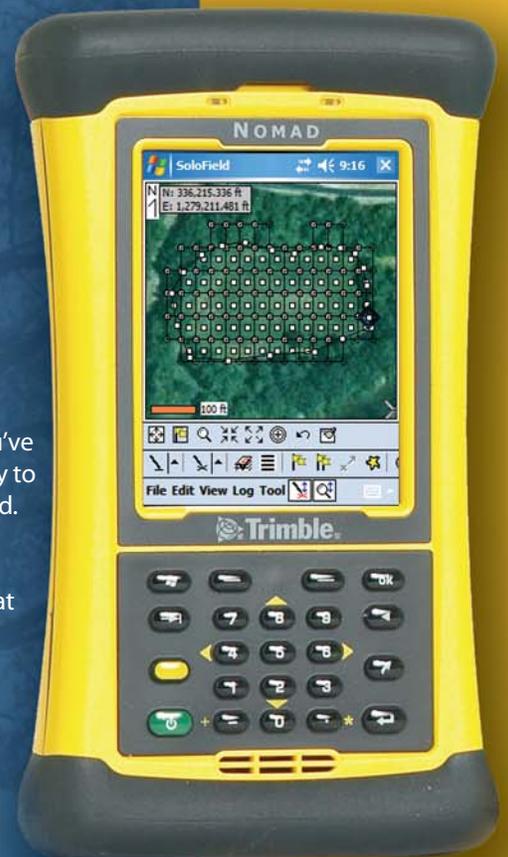
www.trimbleforestryautomation.com

Trimble.

FORESTRY AUTOMATION

**345 SW AVERY AVENUE
CORVALLIS, OR 97333
541-750-9200 PHONE**

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

* Requires SOLO Office–Forest Edition software

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.

Trimble

FORESTRY AUTOMATION