

Terrain Tools® CE

Field Data Collection Software



Overview

Terrain Tools CE allows you to enter and verify traverses in the field using a hand held computer. Once you get back to the office, connect the handheld device to your desktop computer and your ready to go. In addition to saving time in the office you can check your surveys before you leave the field!

Field Note Entry

The Traverse screen operates like a spreadsheet, allowing you to enter data. Bearings distances and slopes are checked as you enter them. It's quick and easy.

The screen is fully configurable. Column positions, format and sequence of entry can be user controlled. A variety of angle and distance formats are available. Customized screens can be saved and quickly recalled to accommodate different surveying methods. Coordinates are calculated as information is entered. Absolute point coordinates can be explicitly set. Coordinates between absolute points are adjusted using the Compass Rule. Traverses can be closed, shifted or joined to other traverses. Closing error and area is calculated and reported.

Plan and Profile Display

A map consisting of one or more traverses can be displayed on the screen at any scale. Traverses can be added to the background. Changes made in the traverse documents are immediately reflected in the map display. A profile view can also be generated in the display area at the bottom of the screen. Tapping on a point in either the plan or profile will automatically jump to the selected point in the notes.





Cable Analysis

Cable yarding profiles can be quickly analyzed using the '3rd point method'. You simply enter the landing, tail position and required deflection. A graphical display of the deflection is displayed for you. You can move the spar positions with the stylus or pen. Intermediate supports can be created and multiple d-lines can be placed on the same profiles.

Product Features

Field note entry of bearings, distances and slopes in a variety of formats (bearing, azimuth, quadrant etc.).	✓
Side shot entry for roads.	✓
'Look and feel' and file compatibility with the desktop Survey/Map.	✓
Map display and closure error.	✓
Export in a variety of formats including Shape, DWG, DXF and ASCII using the desktop Terrain Tools 2D.	✓
Interface to laser guns (RS232 and Bluetooth).	✓
Profile display.	✓
Background display of images such as air photos and scanned maps.	✓
Cable deflection display using '3rd point method' and interactive positioning of spars using the stylus.	✓

Supported Platforms

Windows Mobile 2005/2003 Pocket PC 2002

Allegro CX / CE.NET / CE 3.0

TDS Recon CE.NET

Trimble GeoXT CE.NET



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