TERSUS FieldGenius
Controller Software Catalog

Versiyon: 10.4.1.2

Digital Terrain Modeling, Volumes, and Contouring

FieldGenius has the ability to create & utilize DTM surfaces from existing survey data or create a DTM in real time as the data is collected. The TIN and contours will automatically update with each new shot.

Powerful Roading

FieldGenius roading allows you to manually input or import your alignment data, including centerline, vertical, and template data. Stake your points along your alignment with confidence.
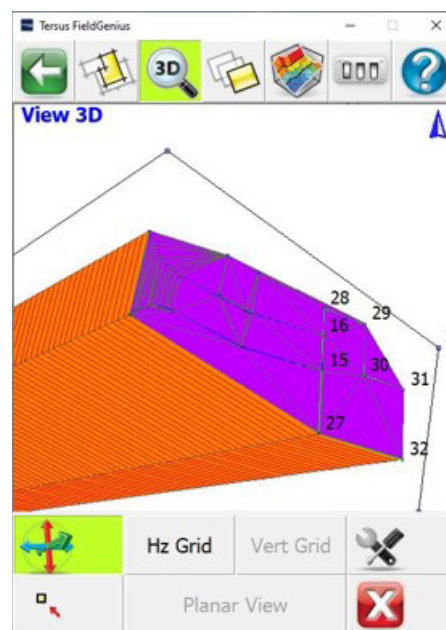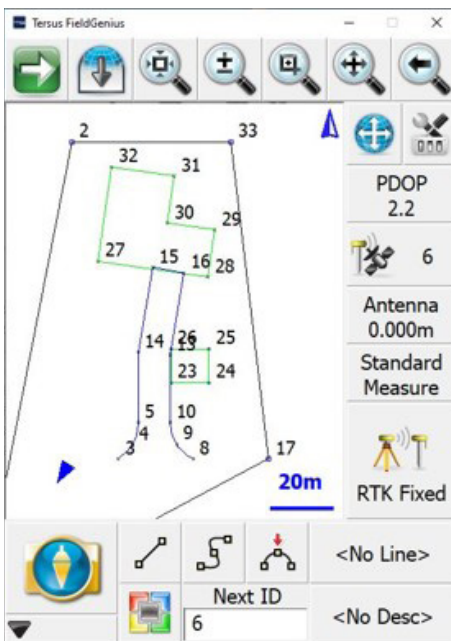
Instrument Control at your Fingertips

Total station and GPS functions are available on a common and easy-to-use instrument toolbar. Access measure modes with the click of a button.

Specifications

- All survey can be stored in different or same project file.
- Simple new project workflow helps you start working quickly.
- User-friendly GNSS survey and analysis data collection software
- Multiple language support.
- Runs on Windows 10, Windows Mobile and Windows CE
- Supports static, fast static, kinematic and RTK survey methods. It works in full harmony with Tersus receivers.
- While working in static, fast static, kinematic and RTK survey methods, the battery status, memory full status and track satellite status (DOP values and track satellite numbers) are visible.
- Antenna height, point number, point attributes and quantities can be entered. Supports NTRIP protocol.
- High visibility staking interface and HD graphics present you with the information you need to get the job done easily. The advanced display with live graphics and intuitive interface uses logical icons, customizable toolbars, smart objects, and easy-to-use GNSS controls. Supports standard or high-definition devices!
- VRS, FKP, MAC etc. supports network solution models.
- It can be connected to Network-RTK with NTRIP Protocols via GSM / GPRS / EDGE.
- Linework can consist of straight segments, arcs, and splines and ALL linework is 3D.
- GNSS Base Information, Rover information, Connection Information, Base lengths and distances can be displayed.
- Attach dxf, dwg,dgn and orthoreferenced images
- 3D view of points, lines, CAD and DTM
- Custom ASCII Import/Export
- Dynamic GPS and Observations toolbars report "live" position and meta data

Advanced/Roading Features

LandXML project explorer
LandXML alignment, cross section, and zone staking
Surface modeling, contouring in real time
Fixed area and volume calculations
Stake to DTM
GIS attribute collection
3D alignment, cross section, and template view

Tersus FieldGenius

Project: FG Sample

Project Manager	Disconnect
Settings	Staking
Measure Modes	Import / Export
Survey Tools	Data Manager
Calculations	Roads Manager

Map View   Exit

Tersus FieldGenius

+	-	North	55.768m
		East	35.881m
Page			

Viewing North (Cardinal)

N 24.585m ❌

E 18.723m ❌

▽ **169.580m** ❌

PDOP 3.8

📡 4

Antenna 0.000m

DGPS

Point 4, Desc EP

TERSUS GNSS

ATAY Mühendislik 25.Yıl