

NEW FEATURES

DXF Layer Support – imported/attached DXF files now support layers and color attributes

Description & Elevation Labels – Added support for users to toggle description and elevation labels to be displayed on the map

Area Calculation - New calculation option for computing areas on closed figures

Resection – New setup method to allow users to configure a setup observing multiple known points.

F1/F2 Sideshot – New total station measure mode to allow users to perform F1/F2 Sideshot observations.

Total Station Polyline Staking – Added support to staking a polyline with a Total Station instrument

Grid to Ground – New transformation method to allow users to integrate GNSS and Total station together

.SHP file Polygon Support – Added support for polygon entities to be supported in .SHP file imports.

NEW AND UPDATED INSTRUMENT DRIVERS

GNSS

- **Alpha-geo** – Added driver support for L6U receiver
- **Leica GS 16/18** – Added support for multipath reduction function for supported receivers.
- **Tersus Oscar** – Addressed issue with not being able to connect to some TCP/IP servers
- **South GNSS** – Addressed issue with missing calibration tools for magnetic tilt supported receivers.
- **South GNSS** – Addressed incorrect antenna splice parameter.

Total Station

- **South N1** – addressed issue with distance measurements
- **Stonex R20** – addressed measurement issues
- **Stonex R2W/R35** – addressed communication issues

DEFECTS FIXED

- **Issue computing manual points** – Fixed bug when trying to add local points using manual point mode
- **Using a duplicate point to define an arc point for line staking** – Fixed a crashing issue when selecting a duplicate point to define an arc for line staking defined by points.
- **GNSS Offset** – addressed the issue with directions not being accepted when using Quadrant Bearings

REFINEMENTS

- **Imports** – improved performance when importing or attaching files.
- **Surface Engine** – updated surface engine to be more intuitive

KNOWN ISSUES

- **Pentax SMT 888 3G** - Issue configuring digital UHF radio.
- **South Galaxy G1** - Linux version UHF radio configuration issue.
- **Septentrio NR3** - Issue with receiving corrections
- **Resection** – No support for face 2 observations
- **Tersus TC50** – Known issue with title header text missing