

## NEW FEATURES

**Backsight by Direction/Point** – Added support to orientate conventional total stations by back sighting a point or direction

**Check Backsight/Point** – Added function to allow the user to check a backsight or point using a total station.

**Total Station Point Staking** – Added support for point staking with Total Station Instruments

**Station/Offset Staking**- Added support for station/offset staking for users to stake to LandXML alignments or stored project lines.

**GNSS Temporary Antenna Height** – New function to allow the user to set a temporary antenna height.

## NEW AND UPDATED INSTRUMENT DRIVERS

### GNSS

- **AlphaGeo L8 + NetBOX1** - Added driver support
- **Gintec G20 + G20M** - Added driver support
- **ComNav N5** – Added driver support
- **KQGEO M8 mini** – Added driver support
- **Leica GS16** – Updated driver to address issue enabling satellite constellations

### Total Station

- **FOIF RTS/OTS/TS630** – Added Driver Support
- **FOIF RTS350/360/010**– Added Driver Support
- **FOIF RTS362** – Added Driver Support
- **Kolida KTS-552R15** - Added Driver Support
- **Kolida CTS-660** - Added Driver Support
- **Leica Flexline** - Added Driver Support
- **LINERTEC LGP300** - Added Driver Support
- **PENTAX X-100** - Added Driver Support
- **Ruide RNS** - Added Driver Support
- **Ruide RIS** - Added Driver Support
- **Sanding Arc 10** - Added Driver Support
- **Sanding STS** - Added Driver Support
- **Sanding Arc 7** - Added Driver Support
- **South N1** - Added Driver Support
- **Stonex R20** - Added Driver Support
- **Stonex R2W** - Added Driver Support
- **Stonex R35** - Added Driver Support

## DEFECTS FIXED

- **Rotate, Translate, Scale** – Resolved a translation issue in the routine.
- **Auto-Recording** – Fixed an issue for storing of duplicate points
- **Crash when saving GIS Attributes** - Addressed a crash when users were creating GIS menu and Boolean attributes
- **Samsung Keyboard prevents decimal input** – Fixed an issue on Samsung keyboards preventing users from inputting a decimal.
- **IMU Tilt Observations** – Fixed issue with IMU tilt observations
- **Negative Coordinate File Import** – Fixed issue where coordinate files containing negatives were not supported.

## REFINEMENTS

- **Attach DXF as Xref** – Fixed issue when selecting DXF files to Xref into project no longer imports points into database by default.
- **Optimized Performance** – Optimized performance when working with projects with larger databases
- **LandXML Alignment Import** – Updated LandXML import to support Alignments.
- **Staking Reports** – Updated reports export to include pre-defined staking reports for Station offsets.

## KNOWN ISSUES

- **Pentax SMT 888 3G** - Issue configuring digital UHF radio.