

## **New Features**

**Display E-bubble** – Updated the UI to display the e-bubble on the instrument toolbar when tilt correction is enabled

Perpendicular Offset – updated the default setting to enhance the efficiency of using the feature

## **NEW AND UPDATED INSTRUMENT DRIVERS**

#### **GNSS**

- Alpha-geo L8 Added new driver
- Alpha-geo NetBOX1+ NetBOX1 Pro Added new driver
- CHC i73 updated driver to fix crash result when receiver battery depletes
- ComNav RTK + RTK (IMU) Added new generic RTK & RTK (IMU) driver options to support all ComNav receivers.
- o GeoMax Zenith 60 Added new driver
- Gintec G20 + G20M Added new driver
- o KQGEO M8Mini (IMU) Added New Driver
- o South RTK Added new generic RTK driver to support all South receivers with no tilt support
- o South Galaxy G1- Fixed issue where an LSQ error would appear on the receiver
- South Splice Plate Offset Corrected an incorrect splice offset parameter
- Tersus Oscar Updated driver to support requesting NTRIP source table

#### **Total Station**

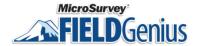
- E-Survey E3 Added new driver
- GeoMax Zoom 75/95 Added new driver
- Sanding Arc5 Pro Added new driver

### **Coordinate Systems**

- MGA 2020 Systems Added MGA 2020 systems to the Australian coordinate systems group
- State Planes NAD83-TX83-NC Updated coordinate system extents to resolve an issue with some GNSS positions falling outside of the projection.

## **DEFECTS FIXED**

- o **DWG Import** Resolved issue with some 2018 .dwg's unable to import.
- GNSS Transformation Fixed issue where some points were ignored being translated
- GNSS Offset Measurement Fixed issue with offsets being computed when a local transformation is applied
- Point Averaging Fixed issue where point averaging would cause a crash
- Scale Factor Reset Fixed issue where the scale factor would get reset if user selected a LandXML



 Staking Feedback – Fixed issue where staking feedback would still be displayed after exiting staking function

# **KNOWN ISSUES**

**Disto S910 -** First photo taken with project can provide an error, additional photos are taken and stored fine. **Photo Notes** – Camera rotation is not supported.

**LandXML** – LandXML alignments containing a sequence of Spiral-Curve-Spiral-Curve-Spiral are not properly displayed.

**Multiset Structured** – Angle only backsight is not available.