

NEW AND UPDATED INSTRUMENT DRIVERS

Various instrument drivers have been added and improved.

GNSS

- **ComNav G200** - New driver.
- **ComNav T300 Plus** - New driver with tilt support.
- **Geo-FENNEL FGS100** - New driver with tilt support.
- **Hemisphere S321** - Driver update to correspond with firmware update. Mainly addresses UHF radio configuration. Added Hemisphere ROX RTK correction format.
- **Stonex S900** - New driver support for the S900, S900T and S900A.
- **FOIF A90** - New driver.
- **CY F90** - New driver.
- **GENEQ** - New driver.
- **Acnovo GX900** - New driver.

Total Station

- **Pentax W2800** – Updated Onboard installer for Windows EC7 OS version.
- **Linertec LGP300** – Updated Onboard installer for Windows EC7 OS version.
- **geoFENNEL RTS 102** – New Onboard Windows EC7 driver.
- **FOIF RTS360 series** - New Onboard Windows EC7 driver.
- **Sanding ARC7** - New Driver

Coordinate Systems

- Australia
 - Created geoid file to correspond to GDA2020 (AUSGeoid2020_20170908_win.byn)
 - Added coordinate systems to support GDA2020 files (GDA94_GDA2020_conformal.gsb and GDA94_GDA2020_conformal_and_distortion.gsb)
- Papa New Guinea
 - Created geoid file (PNG08.byn).

DEFECTS FIXED

- Total Station Observation Toolbar – Revised procedure to update the ATR corrections to the horizontal and vertical angle displayed on the observation toolbar more frequently.
- Windows Close “x” button – when you select the windows application close button you will now see a warning screen asking you to confirm you want to close FieldGenius.
- Electronic bubble – Fixed issue with disabling eBubble on instrument now also disable ebubble options in FieldGenius.

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.

NEW DRIVER DETAILS

The new onboard total station installation for the windows EC7 operating system now install FieldGenius on the instrument storage card.