

# FieldGenius 8.4.18.4

## Release Notes

2016-07-26

### New Features and Changes

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- **GNSS Survey Report Export** – Added ability to export a GNSS Survey Report in PDF format for PC/Tablet installations, or in HTML format for other platforms.
- **Stake Alignment with Reference Line** – Added a new method to use a reference line in combination with an alignment to stake alignment stations and reference horizontal and vertical offsets to the reference line.
- **Alignment Label Size** – Added ability to change the size of alignment station labels.
- **Scrollbar Width Setting** – Added setting to change the width of the scrollbars in the program. Only applies to PC/Tablet and Leica Captivate series.
- **Auto-scroll down Staking List** – When adding points to the Staking List, the list will now automatically scroll down.
- **Coordinate System Information** – Coordinate system information is now written to the raw file as a comment when a coordinate system is selected.
- **RTK Fixed Audio Cue** – An audio cue now indicates when *RTK Fixed* status has been achieved. Previously an audio cue was only played when *RTK Fixed* status was lost.

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### Hardware Specific Updates

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- **Acnovo**
  - GX10 – Added support for GX10 GNSS receivers
- **CHC**
  - i80 – Improvements made to i80 driver
  - X91+ - SATEL channel spacing setting is now saved
- **ComNav**
  - T300 – Improvements made to T300 driver
- **FOIF**
  - A30 – Improvements made to A30 driver
- **Geneq**
  - SXPro – Fixed issue when using “Always Auto-reconnect” setting
- **GeoMax**
  - Zenith 15 – Added support for Zenith 15 receivers
- **Gintec**
  - G10 – Added support for G10 GNSS receivers
- **Hemisphere**
  - S321 – Added support for S321 receivers
  - AtlasLink – Added support for AtlasLink receivers
- **Leica**
  - iCON 60 Series – Fixed issue with onboard version not obtaining Device ID
- **SANDING**
  - S680P – Added support for S680P receivers
  - T9 – Added support for T9 receivers
- **SATLAB**
  - SL600 – Added support for SL600 receivers
- **Septentrio**
  - APS3G – Added support for APS3G receivers
  - NR2 – Improvements made to NR2 driver
- **South**
  - S660 – Added support for BL & CV records in the raw file for S660 receivers.
  - Galaxy G1, S82-2013, S86-2013, S660 – Added Command Terminals
  - Galaxy G1 – Improvements made to G1 drive
- **Stonex**
  - S10 – Improvements made to S10 driver

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### Coordinate Systems and Geoids

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- **Belgium Lambert 72 Coordinate System** – Added support for this coordinate system with grid shift.
- **InGCS LDP Zones** – Added Indiana Geospatial Coordinate System zones to pre-defined list.
- See our Helpdesk for the latest [geoid models](#) and [grid shift](#) files.

### Defects Fixed

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- Entering a negative Station Value could result in an error message.
- Known Geodetic Position Reference Survey Mode did not honor coordinate order setting.
- Staking List did not honor Description filter when selecting points by Area.
- A space at the end of a project name could cause issues when transferring to PC.
- Alpha-numeric Point IDs could cause errors with multipoint backsight routine.
- Local transformation Point routine sometimes suggested inappropriate local point.
- On some platforms, during a Resection the instrument would automatically start measuring when the Observed Point ID was entered.
- Points surveyed while in Auto-Store mode are now stored with DTM State set to “Determine by Feature”.