MicroSurvey FieldGenius 3.2 – Service Pack

Release Notes

MicroSurvey FieldGenius 3.2 Service Pack (v 3.2.10709)

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FieldGenius 3.2 Service Pack is a maintenance release focused on stability, GNSS base setup reliability, data integrity, and export corrections.

Critical Fix

GNSS Reference Setup – Averaged Point Coordinates

Corrected an issue where selecting an averaged point as a Known Position did not transmit the computed latitude/longitude to the GNSS receiver, leaving the previous base position active.

The base receiver now correctly applies the averaged point coordinates. This was the primary driver for the service pack release.

Stability Improvements

- Improved project opening reliability by fully resetting services before reopening a repository.
- Fixed crash when scrolling the code list on the New Point screen (Windows 10/11 tablets).
- Resolved crash during coordinate export when projects contained total station setup observations.

Data Integrity

- Fixed issue where codes could disappear after DXF import or unexpected closure; the code index is now automatically rebuilt when required.
- Restored proper duplicate point handling when editing point numbers during averaging.

Export & Compatibility

- Removed thousands separators from raw file numeric values to ensure STAR*NET compatibility.
- Corrected LandXML export for US Survey Feet projects; exported elevations now match project settings and GNSS reports.

UI Fixes

- Restored Stake Point List search (Windows and Android).

- Fixed issue where deleted lines associated with stake results remained visible on the map screen.
- Restored Coordinate System information pop-up on Android.

Known Issues

- **Raw file issue** with STAR*NET import: Raw file export written differently than FieldGenius Legacy in one specific case when storing Totals station Backsight direction and point simultaneously (Workaround: Observe Angle only then take side shot separately)
- **Rotate/Translate/Scale**
  - When observed points are transformed, the Observation Detail page and GNSS report display the observed Cartesian coordinates, while the point list displays the transformed coordinates.
  - Points containing GIS features cannot be translated, rotated, or scaled
- **CHC drivers** available only on the Android platform
- **Auto-recording** - delay in storing points when collected in 1sec paste
- **Import DXF/DWG** – various issues while importing CAD drawings
- **Leica GS16** - unable to receive RTK corrections from NTRIP on Windows devices
- **HeXML Export** – missing baseline information and incorrect point role assignments
- **Leica GS16** - Issue with some specific source tables
- **Septentrio NR3** - Issue with receiving corrections
- **Spectra Precision 60** – Issue with configuring UHF radio
- **3D View** - Is only available on Android. Windows users can only view in a 2D top-down view
- On some Android devices, FieldGenius does not automatically launch after installation. However, it is installed; the Application must be started manually
- **Czech S-JTSK Issue**: Coordinate conversion error when adding from external reference between Quadrant 1 and Quadrant 3, and vice versa.