

FieldGenius 2012 –6.0.3.5 Release Notes

November 6, 2012

Release Notes

This new version does not require a new license key.

What's new in FieldGenius 2012 Version 6.0.3.5?

- Added the ability to **copy and edit pre-existing coordinate systems**.
- We added the ability for you to **not display the GPS reference dialog** that informs you that you can start the reference receiver. After the 2nd or 3rd try you will know what to do and not require this explanation anymore.
- We added a **warning message** to alert you that you are about to **use an existing total station setup**. This was added to help you prevent bad observations.
- Added support for **Germany's Axionet**.

New Leica Products Related Features

- **Viva platform graphics acceleration:** we improved the speed of dialogs opening and the general behavior of FieldGenius onboard the Viva family of products.
- **GeoCOM and OWI Licenses are no longer required** to run FieldGenius on a Leica CS25.
- **Added Long Range Bluetooth support for the CS25.**
- **Added Data Collector Internet** support for the **CS10 and CS15**. Now you can have you GNSS corrections streamed to your receiver via the controller instead of a requiring a GSM unit in the receiver.

New NavCom Products Related Features

- Added **StarFire over IP**. This new feature allows users to access StarFire corrections over the Internet.
- Added an **enable/disable RTK-X checkbox**. This allows you to turn RTK-X off if required.
- Added support for **16gig SD (Secure Digital) memory cards**.
- Added **StarFire support for the reference receiver profile**.

New Altus Products Related Features

- Added support for the **TERRASTAR**
- Added a **Product Activation Code and Subscription End Date** fields to the **TERRASTAR Status** dialog.
- Added **DGPS** support
- Added ability to select either **TERRASTAR D or M** service.

FieldGenius 2012 –6.0.3.5 Release Notes

- Added ability for **Altus firmware to handle antenna offsets**. This is a new feature that will help optimize base/rover performance.

New CHC Products Related Features

- Added support for the **X91 GNSS** receiver.

New GeoMax Products Related Features

- Added support for their new 1.57 firmware.

New coordinate systems and Geoid Models

- **Latvia LV98** Geoid model is available for download.
- **Colombia** has 4 new coordinate systems added.
- **EGM08** geoid model for **Colombia** is now available for download.
- **EGM08** geoid model for **Panama** is now available for download.
- **EGM08** geoid model for **Guatemala** is now available for download.
- **EGM08** geoid model for **Hungary** is now available for download.

Improvements and Bug Fixes

- Fixed a bug where the **cancel** button on the **rotate, translate, scale** routine did not cancel.
- Fixed a bug where after you **attached a QSB file** to your project and closed the project, FieldGenius would not store this saved QSB file to the project and there would be no link to that file. The link is now stored in the Project.ini file.
- Fixed a **rare bug** where if you **imported an ASCII file that had a point number 1 in it**, FieldGenius would overwrite this point during a measurement, but only if you were using the **Sideshot (Auto Store)** routine. If you were using the regular Sideshot routine, then this was not an issue and you saw the typical warning message asking if you wish to overwrite the point. And this bug only applied to point number 1. This is now fixed and **FieldGenius will not overwrite any points without alerting you** first and giving you the option of selecting another point ID.
- Fixed a **nearest search staking** bug. This **only affected non-robotic total stations** and FieldGenius when in total station demo mode. The bug also only existed in **projects that used Feet** as the unit. The nearest point being presented as the next to stake out typically wasn't the nearest point.
- Fixed a bug with our **Portugal** coordinate systems. The extents of the coordinate systems did not cover the entire country and users were getting false errors stating that they were outside of the system.
- Fixed an issue with **user-defined coordinate systems**. You were not able to create one for **Malaysia**.
- Fixed some **language translation** issues.
- Fixed a crash caused by importing **LandXML UTF-8 formatted files**.

FieldGenius 2012 –6.0.3.5 Release Notes

- Fixed a bug where **average coordinates were not getting correctly written to the raw file**. This only occurred when a point was deselected from the list. The point was still being included.
- Fixed a bug related to **exporting surfaces** with illegal characters in their name. We now provide warning messages that this is not permitted. We also **improved error handling during export**.
- Fixed an issue where a point was **being included in the calculation of the DTM (Digital Terrain Model)** despite the user specifying not to include it when creating a new description.
- Fixed a **dialog issue that would warn you that the following coordinate systems were not imported** but the dialog would list no systems. The systems are now listed.
- We corrected the **Leica Viva splash** screen as the font was too small.
- Fixed a display issue with the **Inverse Dialog**. Some of the text was not being displayed correctly.
- Fixed a bug that limited the number of layers that could be turned off in a DXF file. This bug caused odd behavior if the limit was exceeded. This is no longer an issue.
- Fixed a bug that was specific to the **Leica Viva** platform. In the **Road Editor**, you were **prevented from creating a curve**.
- We added a **timer for requesting a sourcetable** in the **GeoMax** and **Altus** receiver drivers. These will now time out after 60 seconds when there is no response from the correction server.
- Fixed an issue when you are creating a user-defined coordinate system where you would see an **incorrect dialog informing you that you must restart the program**. This dialog is incorrect as you do not need to restart the program.
- Fixed an issue where after doing an averaging of a set of points, **all values in the Points Database would initially be displayed with all zeros for coordinates**. If you tapped anywhere on the screen the data base would properly display the correct coordinates. The display now works as expected. No coordinates were affected. It was merely a display update issue.