

# FieldGenius 2012 –6.0.4.2 Release Notes

December 12, 2012

## Release Notes

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If you are currently licensed to run any version of FieldGenius 2012 ( V6.0.0. or higher ) this upgrade is free of charge and will not require a new license key. For those upgrading from older versions please consult your dealer/distributor or MicroSurvey representative for details on purchasing your upgrade.

### What's new in FieldGenius 2012 Version 6.0.4.2?

- Added support for the **Leica GS14** GNSS receiver.
- Added support for the **FOIF A20+** GNSS receiver.
- Added support for the **FOIF A30** GNSS receiver.
- Added support for the **Horizon Kronos 200** GNSS receiver.
- Added support for the **Kolida K9T** GNSS receiver.
- Added **Satel radio** support to the **Leica GS15** GNSS driver.
- Added **Pacific Crest ADL** radio support to the **Leica GS15** GNSS driver.
- Added **Pacific Crest ADL** radio support to the **ProMark 500/800** GNSS driver.
- **Altus**: As per their request to achieve a better solution, we changed the position **update rate** from 2Hz to 1Hz to better handle their new firmware's processing power.
- **Altus** - Enhanced GSM modem control. You will see less Modem Initialization Failed error messages.
- **Check Point Routine**: This request came from our User Forum. Users asked to **remain in the routine** after checking a point. You now must cancel out of this routine. Thank you for your suggestions. Please keep them coming!
- **Pentax W800 total station**: added backlight functionality for the **light button**, activated their **F1-F10 buttons**, and the **model name** and **firmware version** number are now displayed in the Instrument Settings dialog.
- We added **TCP/IP protocol** and **DNS** support for the **South S82-V** GNSS receiver.

### New coordinate systems and Geoid Models

- **Added coordinate systems for Hungary**. You must contact your local Hungarian MicroSurvey dealer for more information and files.
- **Added the EGM08** geoid model for **Colombia** is now available for download.
- **Added OSGM02** geoid model support for **Ireland** is now available for download.
- **EGM08** geoid model for **Mozambique** is now available for download.
- **EGM08** geoid model for **Panama** is now available for download.

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## Improvements and Bug Fixes

- Fixed a bug that would occasionally cause a **crash** when **panning or zooming** during **stakeout**.
- Fixed a **line staking** bug where you would receive **tolerance exceeded warning** even though you were within tolerance.
- Fixed a bug where **FieldGenius** would **not run on a Juniper device**.
- Fixed a bug where if you pressed the **Save As Default units button** when changing the project's units from metres to feet would not actually set the current project's units to feet. You no longer have to restart FieldGenius to have the current project in feet.
- Fixed a bug where if you imported a file with a point number 1 in it and then attempted **to stake and record another point number 1**, you would not see an overwrite error message and new coordinates would be stored to point 1. **We no longer attempt to overwrite point number 1** and we always present a warning message asking you if you want to overwrite an existing point.
- Fixed an issue for when you were in the **Surface Staking** routine and pressed the **Cancel** button, you **were not returned to the Surface Staking dialog** but taken to the Elevation Staking dialog. You are now taken to the correct Surface Staking dialog.
- During the generation of a **TIN** (triangular irregular network), the **Cancel button did nothing**. It now responds after being pressed.
- The **left/right arrow buttons in the Stake Alignment dialog** did not respond correctly when pressed. When you press these buttons, the cursor now moves to the correct place in the cross section template.
- **Closing the Staking Toolbar** while alignment staking did not return you to the **Stake Alignment** dialog but instead returned you to the map. You are now returned to the **Stake Alignment** dialog.
- Fixed an issue where **an incorrect Cut/Fill Slope** setting was being set to zero as a default. It is now set to one.
- Fixed an issue with the **Trimble Recon**.
- Fixed a bug in the **Road Manager** where all of the **buttons were enabled** but no road was selected. Sometimes pressing these buttons would cause a crash. There are no longer any active buttons when no road has been selected.
- Fixed a bug where there was **no heads up display text** while creating a curve using the **Plan button**.
- Fixed an issue where if you used the **Rotate, Translate, Scale** routine while in the middle of creating a line, your line would be rotated but its **original position was also displayed**.
- You can no longer **backsight your occupation point**. If you attempt this you will receive an error message.
- Fixed an issue where if you were **DTM staking** and then created a new job, some of the **DTM staking settings** were carried over to the new job.
- You are **no longer able to select** the surface of **None** when in the **Surface Staking** dialog – **None** is no longer an option.

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- We have dramatically increased the speed of rendering a LandXML surface.
- We fixed an issue where the **template radio button** was not enabled after adding a new template.