

FieldGenius 2011 – 5.0.4 Release Notes

Released on November 4, 2011

Release Notes

License – This new release does not require a new license key. Your existing key will work.

What's new in FieldGenius 2011 Version 5.0.4?

Many Thanks to FieldGenius Beta Testers and Feedback Providers

Before we get into what's new, a very special thank you goes out to everyone who took the time to send us feedback on our products. Without your hard work and time, we would never have been able to make this product as great as it is. We at MicroSurvey can't express enough how much we appreciate your efforts to take the time and write us concerning what you would like to see improved. And as you know, WE LISTEN!

Our goal is to make FieldGenius the best data collection software on the planet and we very much appreciate your efforts in helping us achieve that goal.

Improvements and Bug Fixes

- Changed: We increased the "Demo Mode" point limit from 10 points to 30 points. We eliminated the time restriction, too.
- Added: A new coordinate system group called **Beta: Use with Caution**. Within this group will be new coordinate systems that we have added but have not been able to test yet. If there is a coordinate system that you would like to see added to FieldGenius, please contact your local MicroSurvey dealer and make a request.
- Added: We added separate staking orientations for total station and GNSS work. This came from a request from users like you, and we responded!
- Added: We added the text, "Measure Mode" on the Map View to inform the user of which measure mode they are currently using.
- Added: We added a battery power indicator icon for Windows Mobile 6 devices and Pentax W800 total stations. Tapping on the icon will display more battery level information.
- Added: Level bubble access by pressing the hard key on a Pentax total station.
- Fixed: Surface contours weren't automatically updating in the Map View screen.
- Fixed: Altus receivers weren't completely disconnecting from a network.
- Updated: We increased the NTRIP port number range from 0-32767 to 0-65535.
- Updated: Pentax driver improvements for total station.

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- Updated: Hi-Target driver.
- Fixed: Alignment editor button sometimes displayed strange text.
- Fixed: Altus GPS driver - fixed battery level display issue, fixed network inactivity tests.
- Fixed: The Disable Tooltips function was not working on the mobile builds.
- Fixed: - The Link Configure button would lock up the desktop version of FieldGenius.
- Fixed: Bluetooth inconsistencies between desktop version of FieldGenius and a SOKKIA SRX Robotic Total Station.
- Fixed: A wrong answer bug occurred when scaling was used for measurements.
- Fixed: Leica TPS1200 – Disabling ATR didn't remove the ATR icon from the Measure button.
- Fixed: Automatic area calculation during inverting within a closed figure was removed from the Standard version. It is back.
- Fixed: Total Length Slope calculation was producing an incorrect answer.
- Fixed: Pressing the Enter button while in the Next Point ID field triggered a measurement.
- Fixed: TDS Nomad soft keyboard display issue when connected to an instrument.
- Fixed: GPS Local Transformation button text was cut off.
- Fixed: Text wrapping issue with the Coordinate Calculator.
- Fixed: The Soft Input Panel (SIP) on certain dialogs would not open or open and close immediately afterwards.
- Fixed: Staking beyond a line gave incorrect answers.
- Fixed: LandXML/DXF file import dialog said "Add Layer", it now says Select File.
- Fixed: Removed the Help icon from screens where help isn't required or doesn't exist.

New Coordinate Systems and Geoid Models

- Hybrid Geoid for South Africa (Available at MicroSurvey web site)
- EGM2008 Geoid for Nicaragua (Available at MicroSurvey web site)
- EGM2008 Geoid for Italy (Available at MicroSurvey web site)
- EGM2008 Geoid for India (Available at MicroSurvey web site)
- Spain Geoid RGM2008 RedNap (Available at MicroSurvey web site)
- Spain ETRS89
- Latvia LKS92
- Slovakia JTSK03
- Singapore SVY21
- Beijing54 and Xian80
- Portugal PT-TM06
- Perth Coastal Grid PCG94
- Italy's Roma40 West and East
- Hong Kong HK80

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- Poland Systems: We added 4 Polish coordinate systems
- Dubai DLTM
- African systems: we added too many to list!!

New and/or Improved Device Drivers

Ashtech Promark 100/200

FOIF A20

FOIF TS650

FOIF TS680

GeoMax Zenith 10/20

Hi-Target V30

Hi-Target Qmini

Leica CS10 and CS15

Leica GS10 and GS15

NavCom SF-3040

NavCom SF-3050

Pentax G3100-R1 Rev2

Pentax W-800

Pentax R-400

South S82-V