

# FieldGenius 7.1.11.2 (Service Pack 1) Release Notes

September 3<sup>rd</sup>, 2014

## New Features

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- **Video Points Scanning** – Point scanning routine has been greatly improved to allow user to define complex scan areas using total station onboard cameras, and transfer/export scan data with one simple click. Full dome and manual modes are also added to easily scan large areas.
- **Target Shortcuts improvements** – You can now set keyboard shortcuts for the first 12 targets in your Target Manager. Each shortcut will set target type, EDM mode, and target height automatically.
- **Audio Feedback** – Your data collector will now beep when GNSS Receiver loses RTK Fixed position
- Added support for Poland geoid PL2011/PL2014
- Added support for Qatar geoids

## Hardware Specific Updates

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- **CHC**  
[F2477] – Added BDS constellation support for CHC X91+ GNSS receiver  
[D6955] – Two additional radio protocol has been added for the internal SATEL UHF module
- **ComNav**  
[F2554] - Added support for ComNav T300 GNSS receiver
- **Kolida**  
[F2576] – Added support for Kolida K9TX GNSS receiver  
[F2552] – Added support for Kolida K96T GNSS receiver
- **Laser Technology**  
[F2559] – Added support for TruPulse 360 Series of laser range finder
- **Pentax**  
[F1980] – Added support for Pentax G2100 GNSS receiver
- **Stonex**  
[F2408] – Drivers for Stonex GNSS receivers have been grouped as “S Series”

## Defects Fixed - General

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- [D7020] – Fixed a software crash when clicking on certain types of line in map view.
- [D7006] – Observe Again button in backsight routine will not crash the program.
- [D7019] – Observe Again button in resection routine will not crash the program.

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- [D6997] – You will now be able to exit staking screen when "Display Point Layout Screen" option is unchecked
- [D6997] – The program will not display a large offset when staking list is empty and "Display Point Layout Screen" option is unchecked
- [D7005] – When users select a point using point list in the Staking Elevation routine, the program will not retrieve elevation instead of point ID.
- [D7005] – When users select a point using map view in the Staking Elevation routine, the program will not lock up now.
- [D7002] – You can now select a point when "Station Point" is defaulted in the Perpendicular Offset to Point routine
- [D6986] – "ASCII Export BETA" routine has been merged into "ASCII Coordinate File Export" routine
- [D6985] – An issue with scroll bar blocking right side of point database has been addressed
- [D7033] – Fixed an issue where translations will cause ASCII Export routine fail to export points
- [D7029] – Fixed a transformation issue with Swiss projections
- [D7022] – Updated button text in Line Staking routine, to make it consistent between Landscape and Portrait mode
- [D7004] – The program will now warn user if the total station is not properly set up before entering point scanning routine
- [D6997] – Fixed a display issue that staking screen flashes repeatedly on larger resolution screens
- [D6652] – "Observe Again" button in Resection routine will take you back to resection dialog instead of map view.

## Defects Fixed – Device Specific

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- **CHC**  
[D6955] – The duplicate UHF radio module option has been removed.
- **GeoMax**  
[D7018] – Fixed an instrument authentication issue with Juniper Mesa  
[D7007] – The missing default prisms have been restored in the target manager  
[D6956] – The program can now be re-launched on WinCE platform without the need to power cycle the device  
[D6995] – Increased default time tolerance setting, the reflectorless shots can now go beyond 130m
- **NavCom**  
[D7032] – Fixed the limits of frequency range in user-defined StarFire configuration dialog
- **South**  
[D7016] – When internal GSM module resets during source table retrieval, the program will now display what has been retrieved rather than displaying an error message.