

FieldGenius 8.3.17.2

Release Notes

2016-04-14

New Features and Changes

- **Quick Target Selection**
 - Target and EDM mode selection list has been changed to button list for ease-of-use
 - Custom Target List has been moved inside of Target Selection screen
- **Tilt Offset Measurement**
 - The routine calculates a very precise position using only the tilt sensor inside GNSS receivers
 - Offers two measurements (two solutions) and three measurements (single solution) tilt methods
- **Improved Language Selection**
 - Language specific installers have been replaced with all-in-one installer
 - All the language options are available within the application under settings menu
- **Stakeout Elevation Offset** – elevation offset can now be modified directly in the point staking dialog
- **Keypad Color Options** – Users can now define both text and background color of the virtual keypads
- **KML Export Support** – KML Export has been added for points collected using GNSS receivers
- **CR5 Export Modes** – Added both Sequential and Non-Sequential modes for CR5 export
- New language option - Dutch localization has been added
- An filter for all file types (*.*) has been added for ASCII Import (PC/Tablet version)
- Digital Signatures have been updated to better support Windows 10

Hardware Specific Updates

- **Acnovo**
GX9 – Added the support for GX9 GNSS receivers
- **Champion**
WR1 – Added the support for WR1 GNSS receivers
- **CHC**
i80 – Added the support for i80 GNSS receivers
LT500H – Added the support for LT500H GIS data collectors
LT500T – Added the support for LT500T GIS data collectors
LT30 – Added the support for LT30 GIS data collectors
- **ComNav**
T300 – Now supports new firmware for retrieving large source tables
- **Gintec**

FieldGenius 8.3.17.2

Release Notes

G9 – Added the support for G9 GNSS receivers

- **Geo-Fennel**

FGS 1 – Now supports new firmware for retrieving large source tables

- **GeoMax**

Zenith 35 – Improved tilt sensor support

Zenith 35 – Now support larger source tables

Zoom 80 – Switching power search direction now functions properly

Zoom 90 – Updated robotic authentication to work with all models

- **Horizon**

Kronos C3 – Added the support for C3 GNSS receivers

Kronos K300/K500 – Added Command Terminals

- **Kolida**

S680 – Added the support for S680 GNSS receivers

K5 Plus, K96T – Added Command Terminals

- **Laser Technology**

TruePulse 360B – Improved instrument connection through cable and Bluetooth

TruePulse 360B – Added azimuth readings in addition to the distance

- **Leica**

GS14 – Under modem settings, added an option to turn off UMTS auto-selection for users with poor cellular signals.

TS02 – Laser Plumb for Flexline devices now turns on automatically during leveling

- **Prexiso**

G4/G5 – Now supports Direction Dial (CSD)

- **M3 Mobile**

M3 Black – Added the support for M3 Black data collectors

- **Ruide**

S680 – Added the support for S680 GNSS receivers

- **Sanding**

T66 – Added Command Terminals

NOVA R6 – Added Command Terminals

- **South**

Galaxy G6 – Added support for 2Hz & 5Hz update rate, GNSS constellation controls, raw data logging, and Command Terminals

Galaxy G1, S82-2013, S86-2013, S660 – Added Command Terminals

FieldGenius 8.3.17.2

Release Notes

NTS-370R10 – Continuous EDM modes has been added

- **Texcel**
TX10 – Added Command Terminals
- **ZSurvey**
Z3 – Added the support for Z3 GNSS receivers
Z6 – Added the support for Z6 GNSS receivers
Z8 – Added the support for Z8 GNSS receivers

Coordinate Systems and Geoids

- **Various Geoids and Grid Shift files have been added, check Help Desk at MicroSurvey.com for details.**
- Unrectified Hotine Oblique Mercator Projection has been added to custom projection list

Defects Fixed

- Plan Area in Volume calculation no longer just shows 0
- Fixed an issue where Import DXF file through main menu does not show up on WM6 devices.
- Fixed an issue where Delta E and Delta Z column collapses in Transformation Control dialog on WM6 portrait mode
- Entering Survey Mode without instrument selected will no longer crash the application
- Description field will no longer overlaps Store As type on PC/Tablet build
- Waiting cursor now disappears consistently when selecting a staking area on WM6 devices.
- Fixed a Photo Note compatibility issue with Windows 10