

Evidence Recorder 9 –9.0.9.4 Release Notes

January 9, 2014

Release Notes

If you are currently licensed to run any version of Evidence Recorder 9 (V9.0.0. or higher), then 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 Evidence Recorder 9 Version 9.0.9?

- **Improved GNSS antenna model management.** The manufacturer's default antenna model type is now assigned automatically when the appropriate receiver model is chosen.
- **GeoMax Z25 GNSS** receiver now supports **BeiDou (BDS)** satellites.
- **GeoMax Zoom80 Long Range Bluetooth** support has been added for the **PS336** data collector.
- **Direct dial (CSD)** support has been added to the **GeoMax Zenith 10/20** driver.
- **GeoMax Z25:** We added support for **Bluetooth PAN (Personal Area Network)** connections when using a **Getac PS336** data collector.
- You can now **format the internal memory of a GeoMax Zenith 10/20 GNSS** receiver.
- **FOIF F52G** Data Collector: We added **internal GNSS support**.
- We added information about the **reference antenna model** to the **GeoMax Zenith 10/20** driver. There is now an **Antenna Model** field in the **Link Information** dialog.
- We have added a **GeoCOM License** field in the **Instrument Information** dialog. You will see the term, "Authenticated" if you have the appropriate GeoCOM license.
- **FOIF** has asked us to rename some of their instrument drivers.
 - RTS/OTS is now called **RTS/OTS/TS630**
 - TS680 is now called **TS680/RTS330**
 - RTS350 is now called **RTS350/360**
- We added **direct dial (CSD)** support to the **Prexiso** GNSS driver.
- We added the ability to **format the internal memory** of the **Prexiso** GNSS receiver.
- We added **raw data logging** to the **CHC X91** driver.
- Added support for the **Stonex S4** data collector.

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What's fixed in Evidence Recorder 9 Version 9.0.9?

- **South S82V GNSS receiver UHF modem initialization failures** has been fixed.
- Fixed an issue with the **Resection** routine where the **second face distance measurement was being doubled**.
- More work has gone into the **Target Manager with respect to Leica instruments**. We now test to ensure the correct target, target type, and prism constant are being used when using Leica total stations. You'll now be alerted when there is a conflict between what is set on the instrument and what is set in FieldGenius. FieldGenius will always prevail and the correct target will be used.
- Fixed an issue where when points with an **undefined elevation value** were used for stakeout, the new stored **coordinates were always (0,0,0)**. This is now fixed. We continue to add means of preventing points with undefined elevations from getting into FieldGenius.
- Continuing with the "**undefined elevation**" topic, we fixed a possible crash scenario that would occur when attempting to **generate a surface using points that had undefined elevations**.
- Fixed an issue where **not all user-defined coordinate systems were being restored** after doing a backup. Now all coordinate systems are restored.
- Known **Leica** targets were getting written to the raw file as "**unknown**". Now the correct target type name is written to the raw file.
- Fixed an issue with the **Leica MPR122** target type where occasionally you might receive an odd "**Cannot decode arguments in server**" error.
- Fixed an issue with the **Stonex R2W tracking EDM** mode where distances were not being updated during stakeout.
- The **Coordinate System Editor** now displays the **Rotation** values to **6 decimal places** from 3.