

MicroSurvey Layout 2013 – 1.0.9.4 Release Notes

January 9, 2014

Release Notes

If you are currently licensed to run any version of Layout 2012 (V1.0.0. 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 Layout 2013 Version 1.0.9.4?

- **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 Layout 2012 Version 1.0.9.4?

- Fixed an issue with our **MEP** routine where occasionally selecting two points to define a wall would cause a crash.
- **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 Layout. Layout 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 Layout.
- 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.
- Our **HeXML and XML** import dialogs defaulted to looking for **DXF** files. They now look for **XML** files.
- The **Coordinate System Editor** now displays the **Rotation** values to **6 decimal places** from 3.