

MicroSurvey Layout – 1.0.7.2 Release Notes

Release Date: October 10, 2013

If you are currently licensed to run any version of MicroSurvey Layout (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.

Improved Features

Target Manager Improvements. In our last release we introduced our new Target Manager and with all new features, we have made improvements to it based on user feedback, and thank you to all who submitted feedback.

- The **EDM modes are now set by default.** If you select a reflectorless target then the reflectorless EDM mode is automatically set.
- We have added **new dialogs and help pages** specific to when you are using either **Leica Geosystems or GeoMax instruments.** You will not see these dialogs unless you are either connected to a Leica or GeoMax instrument, or are editing one of these instrument profiles.
- The new **default target icon** for **Leica and GeoMax** instruments is now set to be **User-Defined.** When you create a new target for either of these two manufacturers, the target icon will always be User Defined. This was done to coincide with what these instruments are expecting. All new targets created for Leica or GeoMax instruments must be of the User Defined type.
- We added a **default Target Height dialog.** Here you can assign your most common target heights as defaults for prism, reflectorless, and temporary height.
- Moved the “Set Instrument to Zero” checkbox to the new Default Settings dialog in the Target Manager.
- **Improved data checking** in data entry fields – this is to prevent obviously wrong entries from being accepted in these fields. If you have entered a bad entry, you will know about it.
- **Sokkia SRX** – improved the laser / guide light controls
- **GeoMax** – Added GeoMax specific targets to the target manager.

New Features

- **GeoMax Z25 GNSS** – Added a button in our Instrument Settings dialog to reset the serial port to match the necessary parameters needed to **connect** to **GeoMax Assistant.**
- **Static Data at Reference** - We modified the way we name GNSS Reference Station statically logged data files. In the past the default name of Reference was assigned to this data. Now the file name is used as the reference stations point ID. This applies to instrument drivers where you are permitted to name the logged file.
- Help pages updates.
- **CHC X91** – New driver available for this GNSS receiver.
- **CHC X900** - New driver available for this GNSS receiver.
- **South (S82)** - New driver available for this GNSS receiver.
- **South (S86)** - New driver available for this GNSS receiver.
- **FOIF A30** - New driver available for this GNSS receiver.
- **Getac 336** – Support for the data collector added so MicroSurvey product can generate a unique product id.
- **Getac 336** – Automatic detection by MicroSurvey Layout for the internal GNSS port.
- **Getac 336 / GeoMax** – MicroSurvey Layout now able to authenticate GeoMax sensors from the Getac 336.

Fixed

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- Fixed an external radio issue with our **Pentax SMT888 driver**. A user could encounter “**Modem Initialization Failed**” messages when attempting to connect to an external radio.
- Fixed an issue where **Leica and GeoMax static GNSS data** was being recorded as **Stop and Go data**.
- It appeared as if you **couldn't select a coordinate system in the Coordinate System List** dialog. You actually were selecting the item; it just wasn't being highlighted after tapping item. It is now.
- Fixed an issue with South Oriented coordinate systems. Staking directions were always given in South and East no matter where you were with respect to the stakeout point.
- And many other small fixes.
- Sokkia SRX – Sometimes the foresight target height could be used for backsight measurements causing a height error to be reported during the occupation point routine.
- Zenith 25 GNSS static data will now be correctly marked as static at the reference, instead of moving.
- Pentax – The laser pointer would sometimes unexpectedly turn off

New Coordinate Systems and Geoid Models

- Added **Israel 2012** coordinate system.