

RELEASE NOTES

Survey Pro 5.7.1 October, 2015

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Introduction

Survey Pro v5.7.1 is a maintenance update to version 5.7. See the General Updates section below of a description of what was fixed. The 5.7 release notes are included here for completeness. The 5.7 version will be disabled on the website so it will no longer be available.

Spectra Precision Survey Pro version 5.7 is an incremental update and is available to all customers with a current software maintenance plan (software warranty). Version 5.7 has an updated .survey file version.

New features and changes

New Features

- Refreshed Traverse / Sideshot screen that includes all of the following new features:
 - Measure only
 - Store a previous measurement
 - Measure and store at the same time (Sideshot)
 - Angle-Only measurement
 - Offset measurements
 - Repetitions
 - Robotic control from the Traverse / Sideshot screenIt is important to note that the separate routines for repetitions, offsets, and robotic control are still in place and available as alternative methods.
- Max+ mode for features and options to perform combined GNSS/Robotic measurements and setups
 - Switch back and forth between GNSS and Robotic seamlessly
 - Switch to GNSS Data Collection and other measurement screens using the Quick Pick menu
 - Use GNSS to set points for resections and other station setups and then measure with the robot
- Added a GNSS Distance-Distance offset option to the offset feature
- Configured many of the preview maps and map views to support background maps
- Added a map view for the GNSS and Robotic staking screen
- Open Street Maps (OSM) maps are now supported as background maps
- Added support for the Spectra Precision FOCUS 35RX robotic total station
- Added support for the Spectra Precision SPDL2.4 Bluetooth to 2.4GHz radio
- Added support for the Trimble S5 and S9 total stations
- Added CCC base support for the Spectra Precision ProFlex 800

Enhancements

- Enhanced screen selection of points and line along with a much better map preview of the selection
- Enhanced options in the GNSS Offsets feature
- GeoLock can now work with a configured RTK receiver
- Remote Elevation no longer causes the current station setup to be invalidated

- GNSS Status button/display has been improved with new icons and a better data display arrangement along with eliminating flicker
- Radio signal is replaced with a latency display for the GNSS status button and screens
- Optical station setup will allow Use Last Station option even after reopening a job
- Incremented the GPS leap second

General Improvements

- 5.7.1: Fixed an issue where communications connection with various GNSS receivers could not be established.
- 5.7.1: Resolved a situation where the Occupy Point feature would not work with Trimble GNSS receivers.
- 5.7.1: The live coordinate display on the main map is now available again.
- 5.7.1: Fixed a rare problem where leaving the Auto-timestamp feature on when changing jobs could cause issues with the file.
- 5.7.1: Age of corrections now shows the age well past 60 seconds.
- Many other improvements and resolved issues are included for this release.

No Longer Supported

Dropbox cloud support is no longer available in version 5.6 and later (and older versions as well even though the button will still be there):

The following receivers are no longer supported in Survey Pro version 5.5 and later:

Sokkia Radian IS
 Novatel OEM4
 Topcon Regency
 Topcon Odyssey
 Topcon Odyssey E
 Topcon Legacy
 Topcon Legacy H
 Topcon Legacy E
 Ashtech Z-Surveyor
 Ashtech Z-Xtreme.

Compatibility

SPSO

Spectra Precision Survey Office version 3.60 is required for use with Survey Pro 5.7 and newer because of the new .survey file format (Or, your current version needs to be updated by running the Software Update utility). Only version 3.30 and newer of SPSO has the proper road design and exporting features.

Central Mobile Apps

Mobile apps for iOS and Android will need to be updated to version 1.2 prior to use with Survey Pro v5.7 files.

General

Survey Pro will automatically convert older version 5.x files to version 5.7 when the file is opened. An automatic backup of the older version file will be created when this happens.

ForeSight and ForeSight DXM are supported via the .JOB file and .RAW file export from Survey Pro 5.x. However, neither ForeSight nor ForeSight DXM can import the new .survey file directly from Survey Pro 5.x.

Update procedure

For the update procedure and downloads, refer to Spectra Precision Partners or SpectraPrecision.com.

Survey Pro 5.7 enforces the requirement for a valid warranty prior to updates. The Survey Pro 5.7 installation program will use an Internet connection to verify the serial number of the data collector for warranty coverage. If the unit is not covered, you can continue the installation, but the software will only work in demo mode on the data collector until a warranty is purchased. You can also choose to discontinue the installation and keep the fully licensed version that is currently installed on the unit.

If an Internet connection is unavailable at the time of installation, and the software installed on the unit is the current minor update version, the installation will continue.

The installation program will warn you if your warranty has expired and you can choose to continue or cancel the installation at that point.