

RELEASE NOTES

Survey Pro 5.8 March, 2016

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Introduction

Survey Pro v5.8 is a minor update to version 5.7.2. See below for a description of the improvements.

Spectra Precision Survey Pro version 5.8 is an incremental update and is available to all customers with a current software maintenance plan (software warranty).

NOTE: There will be no PC versions for this release. Please continue to use v5.7.2 PC versions.

New features and changes

New Features

- Merged interface for the reports and export functions to make it easier to select and output the desired data
- Added decimal degree units
- Added XYZ/NEZ display option for the new Traverse/Sideshot/Survey screen
- Point guidance to the next resection point has been added for robotic instruments
- Survey Pro will now automatically focus the FOCUS 30/35 on turn-to points

Enhancements

- Updated the FOCUS 30/35 Tracklight behavior so the lights will turn back on if they were automatically turned off by the instrument or software as when taking a reflectorless measurement
- Survey Pro can now initiate storing an ATL diagnostic file on SP60 and SP80 receivers
- Max+ mode will now automatically determine the proper station location for the scale factor origin rather than prompting for that information
- Survey Pro now supports the EPOCH 50 with RTCM 3.2 Network Rover mode
- Robotic Remote Control screen now remembers the last tab used and returns there

General Improvements

- Many general improvements were made for this release
- Various legacy instrument drivers have been removed; see below

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).

Legacy Instrument Support Sunset

The following instrument drivers have been removed for the 5.8 release version:

Optical

Spectra Precision

- FOCUS 10 w/ Faceplate (FOCUS 10 Integrated is still supported)
- FOCUS 4

Nikon

- Top Gun
- D50 / C100

Trimble

- 3600 with Trimble 3600 Controller
- 3600 with Geodimeter 600 CU
- 3300

Geodimeter

- 600 DR200+ Remote
- 600 Remote
- With Servo

Zeiss

- ELTA S10/20
- ELTA C20/C30
- R Series
- DiNi Level (Trimble DiNi still supported)

Topcon

- AP-L1A Remote

Riegl

- Reflectorless Total Station
- Lasertape

GNSS/GPS

Spectra Precision

- EPOCH 25

Thales (Ashtech)

- Z-Max

Sokkia

- GSR2700 ISX
- GSR2700 IS

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 1.2.1 prior to use with Survey Pro v5.8 files.

General

Survey Pro will automatically convert older version 5.x files to version 5.8 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 5.8 enforces the requirement for a valid warranty prior to updates. The Survey Pro 5.8 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.