

RELEASE NOTES

Survey Pro 5.7.2 January, 2016

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Introduction

Survey Pro v5.7.2 is a maintenance update to version 5.7. See below for a description of the improvements.

Spectra Precision Survey Pro version 5.7.2 is an incremental update and is available to all customers with a current software maintenance plan (software warranty) or are currently licensed for version 5.7.

New features and changes

New Features

- Added a road editor
 - Edit imported roads
 - Create new roads from templates and alignments
 - Create or edit templates
 - Place templates along the road
- Automatically measure the distance to a known backsight point then display and store the backsight check data
 - Removes the extra step for doing the backsight check by distance
- Added support for the Trimble R2 receiver

Enhancements

- Added a Sideshot (measure) option to the Distance Offset routine
 - Measure new points with no offset without having to leave the Distance Offset routine
- Added point block options for the DXF export routine
 - Choose Description or Feature
 - Choose to show the point elevation
 - Set text size and spacing
- The Spectra Precision SP80 receiver now has the option to broadcast a NULL antenna type for better compatibility when broadcasting RTCM format data from the base
- Updated the menu background images
- General screen improvements because of reformatting of the portrait screen title bars

General Improvements

- Many general improvements were made 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).

Proposed Support Sunset

The following instrument drivers are proposed candidates for removal of support in the 5.8 release version pending feedback:

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

Trimble

- 5800
- 5700

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 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 5.7.2 enforces the requirement for a valid warranty prior to updates. The Survey Pro 5.7.2 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.