

# RELEASE NOTES

## **Survey Pro 5.8.1** **July, 2016**

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## Introduction

Survey Pro v5.8.1 is a minor update to version 5.8. See below for a description of the improvements.

Spectra Precision Survey Pro version 5.8.1 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

- Added support for RTX Quickstart for Spectra Precision SP80 and SP60 receivers.
- The SP80 receiver menu/display language can now be configured by Survey Pro.
- SP80 WiFi Hotspot feature can now be configured using Survey Pro.
- Added support for SP80 UHF Networking features to allow setting multiple RTK bases using the same radio frequency and the ability to switch bases at the rover, either manually or automatically, to support multiple observations from different bases or support automatic switching to the best base option.

### Enhancements

- Network NTRIP table displays can now sort single-base mountpoints by distance from the rover.
- Improved the RTX Start Survey process by allowing changing to other screens while the receiver is still converging to the desired accuracy level.
- Added a Go button to jump to a specific station on a road alignment in the Road HAL and VAL (Profile) viewing screens.
- Road profile view now also shows current coordinate data.
- Added horizontal distance and vertical distance error values to the in the station setup results information.
- Local coordinate calibrations can now be done in an RTX survey

### 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).

## ***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.x 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.

## **Update procedure**

For the update procedure and downloads, refer to Spectra Precision Partners or [SpectraPrecision.com](http://SpectraPrecision.com).

Survey Pro 5.8.1 enforces the requirement for a valid warranty prior to updates. The Survey Pro 5.8.1 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.