

19 JUL 2019

# Survey Pro v6.5.1

## Release Notes

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## Introduction

Survey Pro v6.5.1 is a maintenance release generated to fix a specific issue.

Spectra Precision Survey Pro version 6.5.1 is a maintenance update and is available to all customers licensed for version 6.5.

### Important:

There is a new licensing system for the Windows 10 (Tablet) version of Survey Pro. The existing licensing system will still work, but all new purchases of the Windows 10 version will use the new system. Refer to the customer POPN Licensing Product Bulletin for details.

## New features and changes

### New Features

- There are no new features in this release

### Enhancements

- There are no enhancements in this release

### General Improvements

- Survey Pro will now properly locate and make available the newer EM120 Empower radio modules. An update was made to the EM120 radio configuration in units made starting in January, 2019 that caused Survey Pro to not identify the radio as being installed. This issue has been addressed.

The radio modules with the new configuration will have serial numbers with the form XXX19xxxxxxx. Units with the older configuration are identified by serial numbers with the formXXX18xxxxxxx. Both radio configurations are compatible with Survey Pro 6.5.1

## Compatibility

### Recon and Ranger X Data Collector

As of version 6.2, Survey Pro no longer supports Recon, Ranger X, and TSC2 data collectors. Survey Pro v6.1.1 will be the final version to support the Recon, Ranger X (second generation Ranger) and TSC2 data collectors. Customers who continue to use the Recon or Ranger X data collector will need to stay on v6.1.1.

### SPSO

The latest version of Spectra Precision Survey Office is required for use with Survey Pro 6.3 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.

## Style Sheet Viewer

Version 1.15 of the Spectra Precision Style Sheet Viewer is required for use with version 6.5 files. Download the viewer from the Spectra Precision website.

## GPS Week Number Rollover

The updated Spectra Geospatial receiver firmware for the GPS week rollover for current instruments will be backwards compatible with the current shipping version of Survey Pro, version 6.4.1. No new version of Survey Pro is required.

Survey Pro Version 5.5.2 and older are not compatible with GPS Week Rollover receiver firmware versions on shipping instruments. Customers who currently have Survey Pro version 5.5.2 and either SP80 or SP60 on the 3.38 or higher version of the firmware must download and install version 5.6.4 in order to be compatible with the GPS week rollover firmware. All customers with Survey Pro v5.4 and newer are licensed for version 5.6.4.

All retired instruments will be compatible with Survey Pro versions that supported those instruments at the time the instrument was retired.

## General

Survey Pro will automatically convert older version files to version 6.5 files 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 SpectraGeospatial.com.

Survey Pro 6.5.1 enforces the requirement for a valid warranty prior to updates. The Survey Pro 6.5.1 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.