# RELEASE NOTES

## Survey Pro 5.6
## May, 2015

- Introduction
- New Features and Changes
- Update Procedure

## Introduction

Spectra Precision Survey Pro version 5.6 an incremental update and is available to all customers with a current software maintenance plan (software warranty). Version 5.6 has an updated .survey file version.

NOTE: The Dropbox feature has been removed due to Windows Embedded Handheld operating system incompatibility with the updated Dropbox interface. It is simply not technically possible to login into a Dropbox account from a Windows Embedded Handheld device anymore. The feature has been removed from 5.6, and will also no longer work in older versions because of the changes that Dropbox has made.

## New features and changes

### New Features
- External Reference point files can now be attached to a job
  - Use points for survey control
  - Use points for stakeout and other operations
  - Only station/GNSS calibration control points will be imported into the active job
- Point names now support non-alphanumeric characters
- Added RTCM 3.2 support for EPOCH 50

### Enhancements
- If the GPRS modem is connected to the correct data source, that connection is now used when a new survey is being started
- Post processing data logging rates can now be configure for faster than 1Hz
- Offer an option to not use 1000nd separators in numbers
- Images can now be automatically named with point name and the Description or Feature Code
- Temporary points (snapped locations) can now be used for station setup
- Point stake map now has snap controls to pick locations to stake

### General Improvements
- Multiple minor issues were fixed or corrected for this release

# No Longer Supported

No longer supported in version 5.6 (and older versions as well even though the button will still be there):

Dropbox cloud support.

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

Sokkia Radian IS
Novatel OEM4
Topcon Regency
Topcon Odyssey

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Topcon Odyssey E
Topcon Legacy
Topcon Legacy H
Topcon Legacy E
Ashtech Z-Surveyor
Ashtech Z-Xtreme.

# Compatibility

**SPSO**
Spectra Precision Survey Office version 3.50 is required for use with Survey Pro 5.6 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.

Spectra Precision Survey Office version 2.96 or newer is required for use with the Spectra Precision SP80 GNSS receiver.

**Central Mobile Apps**
Mobile apps for iOS and Android will need to be updated to version 1.1 prior to use with Survey Pro v5.6 files.

**General**
Survey Pro will automatically convert older version 5.x files to version 5.6 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 5.6 enforces the requirement for a valid warranty prior to updates. The Survey Pro 5.6 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.