

RELEASE NOTES

Survey Pro 6.1 March, 2017

- Introduction
- New Features and Changes
- Update Procedure



Introduction

Survey Pro v6.0.1 is an update with new features, enhancements and issue resolutions.

Spectra Precision Survey Pro version 6.1 is an improvement update and is available to all customers with a current software maintenance plan (software warranty).

New features and changes

New Features

- New background map import feature that can create multiple points at the same time using various snaps applied to a selected area or specific taps to select the points
- Quick Pick configurations are now stored in a file located in the main program directory so Quick Pick configurations can be easily copied to multiple data collectors by copying the file

Enhancements

- Added two antenna height measurement reference options for the Trimble R10 receiver: Bottom of base extension and Center of bumper
- Road staking and results screens will now show both the selected design station and the current rod station in the information displays
- Digital Terrain Models can now be created by selecting points rather than a DTM or imported file. Points can belong to multiple defined surfaces in this way.
- GNSS and optical manually entered offset measurements can now be edited in the Raw Data viewer to correct for entry errors and to calculate the correct results
- A number of different icons were enhanced so they display better on higher resolution devices
- The point display in the Points manager will now show Code along with the Descriptor
- GNSS two point azimuth offset now accepts slope distance and height of instrument for the offset values when using a distance measurement laser attached to the pole
- Added a shortcut button in file browser screens that will navigate back to the default Survey Pro jobs folder on Windows 10 devices making the default directory easier to locate
- The software keyboard on Windows 10 can now be scaled independently from the program using a setting in the Display Settings screen
- Improved the general interface for the Manage DTM screens
- Improved DXF arc screen drawing for a smoother appearance
- Traditional Chinese is now a language option

General Improvements

- Many additional general improvements were made for this release

Compatibility

SPSO

The latest version of Spectra Precision Survey Office is required for use with Survey Pro 6.1 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 1.4 prior to use with Survey Pro v6.1 files.

Style Sheet Viewer

Version 1.12 of the Spectra Precision Style Sheet Viewer is required for use with version 6.1 files. Download the viewer from the Spectra Precision website.

General

Survey Pro will automatically convert older version files to version 6.1 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 SpectraPrecision.com.

Survey Pro 6.1 enforces the requirement for a valid warranty prior to updates. The Survey Pro 6.1 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.