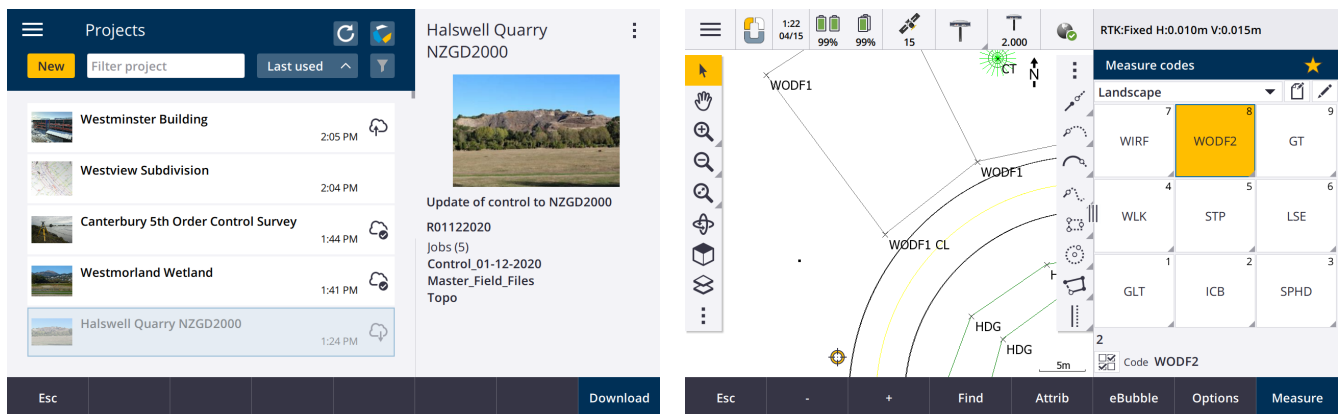


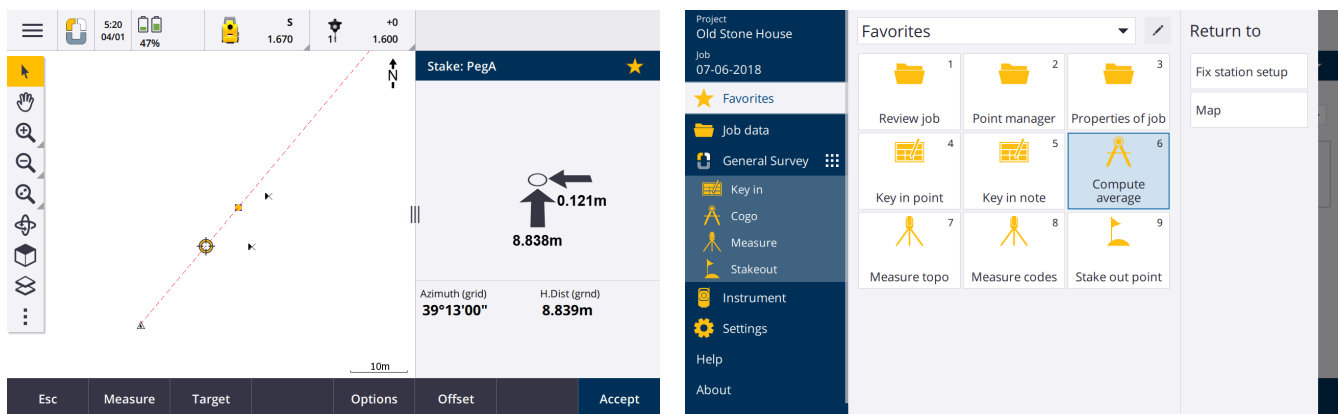
Origin Software

June 2021

Spectra Geospatial Origin is the new, modern field software supporting complete land survey workflows for all your projects and jobs. Intuitive and reliable, Origin provides map-based workflows for one-tap, easy-to-use measuring, feature coding, coordinate geometry calculation, and stakeout.



The Origin software supports both the Windows® and Android™ operating systems and can be installed to a range of supported Spectra Geospatial controllers. Depending on your software license type, you can use Origin with GNSS receivers, conventional robotic or mechanical instruments, or maximize the advantages of both GNSS and conventional in an integrated survey.



Key features:

- Map-centric software supports an extensive range of map files including DXF, RXL, LandXML, IFC and DTM so that you can use the same files in the field and office.
- Use the Layer Manager to quickly set which map files, points, and linework are visible or selectable in the map.

- Cloud connectivity enables data to be shared easily between field and office.
- Create and save hardware connection parameters in survey styles for equipment connection in an instant.
- Add shortcuts to your favorite functions or assign them to a function key on the controller.
- Map-based stakeout of points, lines, polylines, and arcs provides context and clear navigation to the required location.
- Add the Spectra Geospatial Roads app to add powerful features to enhance stakeout of roads and alignments.

For more information on Origin software features, visit the **Origin Help Portal** at

<https://survey.help.spectrageospatial.com/Origin/>.

Supported equipment

Origin software version 2021.10 communicates best with the software and hardware products listed below.

NOTE – For best performance, hardware should always have the latest available firmware installed.

Supported controllers

Windows devices

The Origin software runs on the following Windows® 64-bit devices:

- Spectra Geospatial Ranger 7 data collector
- Spectra Geospatial ST10 or ST100 tablet

Android devices

The Origin software runs on the following Android™ devices:

- Spectra Geospatial Ranger 5 data collector
- Spectra Geospatial MobileMapper 60 handheld

A small number of features are not supported when running Origin on an Android device. For more information, see the section **Tips for Android devices** in the [Origin Help](#).

Supported conventional instruments

Conventional instruments that can be connected to the controller running Origin are:

- Spectra® Geospatial motorized total stations: FOCUS® 35/30
- Supported Nikon and third-party total stations

The functionality available in the Origin software depends on the model and firmware version of the connected instrument. Spectra Geospatial recommends updating the instrument to the latest available firmware to use this version of Origin.

Supported GNSS receivers

GNSS receivers that can be connected to the controller running Origin are:

- Spectra Geospatial integrated GNSS receivers: SP60, SP80, SP85
- Spectra Geospatial modular GNSS receivers: SP90m

Installation information

License requirements

You can install Origin 2021.10 using a perpetual license or a subscription.

Perpetual license

If you have a perpetual license, then it will already be assigned to the serial number of your controller.

Subscriptions

If you are using a Origin **subscription** rather than a perpetual license, you can install Origin 2021.10 onto any supported controller.

To use the software subscription:

1. The License Administrator in your organization must assign a subscription to you using the [License Manager webapp](#).
2. On software startup, you must sign in using your Trimble ID to use the Origin subscription on your controller.

Subscriptions are locked to that controller until you sign out. Once signed out, you can run Origin on a different controller and sign in to lock the subscription to that controller and use the software.

Don't have a current license? You can still try out the software on Windows devices



You can use Spectra Geospatial Installation Manager to create a limited demonstration license and then install Origin 2021.10 onto any Windows 10 computer. Demonstration licenses are limited to adding 30 points per job, however large jobs created elsewhere can be opened and reviewed. Demonstration licenses allow connections to GNSS receivers and total stations for the first 30 days. After 30 days you can only "connect" to the GNSS emulator and manual instruments.

NOTE – You can only create a demonstration license for Origin on devices that do not already have a Origin license. Demonstration licenses are available only for Windows.

For more information, refer to the topic **To try out software** in the [Spectra Geospatial Installation Manager for Windows Help](#).


Installation and upgrades using Spectra Geospatial Installation Manager

To install the software to your controller, use the appropriate Spectra Geospatial Installation Manager for your controller operating system:

- Spectra Geospatial Installation Manager for Windows ,
- Spectra Geospatial Installation Manager for Android 

To install the software to a Windows controller

To download and install Spectra Geospatial Installation Manager for Windows , connect the controller to the internet, and then go to www.spectrageospatial.com/installationmanager and select the **TIM for Windows** tab.

To run Spectra Geospatial Installation Manager on the controller, tap the **Search** icon in the Windows task bar and enter **Install**. Tap Spectra Geospatial Installation Manager , in the search results to open the Spectra Geospatial Installation Manager. When you run the software, it updates itself automatically with the latest changes and software releases.

Spectra Geospatial Installation Manager for Windows can be installed and uninstalled as required, without affecting the Origin software.

For more information refer to the [Spectra Geospatial Installation Manager for Windows Help](#).

To install the software to an Android controller

Spectra Geospatial Installation Manager for Android is **often preinstalled** on Trimble Android devices.

To download and install Spectra Geospatial Installation Manager for Android , connect the controller to the internet, and then go to www.spectrageospatial.com/installationmanager and select the **TIM for Android** tab.

To run Spectra Geospatial Installation Manager on the controller, go to the Android **Apps** screen and tap the Spectra Geospatial Installation Manager for Android  icon. When you run the software, it updates itself automatically with the latest changes and software releases.

NOTE – Spectra Geospatial Installation Manager for Android **must remain installed** on the controller for the Origin software to run.

For more information refer to the [Spectra Geospatial Installation Manager for Android Help](#).

Updating office software

You may need to update your office software, so that you can import your Origin version 2021.10 jobs.

All required updates to Survey Office are handled using the **Check for updates** utility provided with Survey Office.

Solution Improvement Program

The Spectra Geospatial Solution Improvement Program collects information about how you use Spectra Geospatial programs and about some of the problems you may encounter. Spectra Geospatial uses this information to improve the products and features you use most often, to help you to solve problems, and to better meet your needs.

Participation in the program is strictly voluntary. At any time, you can choose to participate, or not to participate in the Solution Improvement Program. To do this, in Origin tap ☰ and select **About**. Tap **Legal** and select **Solution Improvement Program**. Select or clear the **I would like to participate in the Solution Improvement Program** check box.

[Legal information](#)

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For a complete list of legal notices relating to this product, go to <https://survey.help.spectrageospatial.com/Origin/> and click the **Legal information** link at the bottom of the page.