



# Trimble Access

Version 2018.21

February 2019

These Release Notes describe the new features and changes available in this release of the Trimble® Access™ software.

**TIP** – If you are not yet using Trimble Access 2018.00, make sure you take a look at the release notes for [Trimble Access 2018.00](#) for information on the new-look Trimble Access software.

These changes apply to General Survey as well as other Trimble Access applications.

## New hardware support

### SPS785 GNSS Smart Antenna

Trimble Access version 2018.21 supports the new Trimble SPS785 GNSS Smart Antenna.

### Trimble Alloy GNSS Reference Receiver

Trimble Access version 2018.21 supports the new Trimble Alloy GNSS Reference Receiver.

## Resolved issues

- **T10 tablet internal GNSS:** We have resolved an issue where if you started the Trimble Access software immediately after starting the Trimble T10 tablet, the Trimble Access software was not always able to locate the internal GNSS receiver.
- **T10 tablet radio stops working after docking tablet:** We have resolved an issue where if you started the Trimble Access software when the Trimble T10 tablet was docked, the software no longer recognized the internal radio.
- **Station setup:** We have resolved an issue where an abandoned backsight measurement was incorrectly writing an azimuth record. This resulted in deltas not being displayed when the backsight was remeasured, and could result in incorrectly oriented station setups.
- **Bottom notch height measurement:** The Trimble Access software now offers the **Bottom notch** measurement method in the **Instrument height** field only if the connected instrument has a bottom notch to measure to. These instruments are a Trimble S Series total station, Trimble SX10 scanning total station, and Spectra Precision® FOCUS® 35 or 30 total station.
- **S Series scanning:** We have resolved an issue where when scanning with a Trimble S Series total station using the **Polygon** framing method, the frame shape shown was a yellow circle. In addition, the scan points appeared as filled circles in the **Scanning** screen but open circles in the **Video** screen.
- **Measure codes using the Multi-code button:** We have resolved an issue where if you tapped a code button after storing a point that was measured using the **Multi-code** option, the new code was appended to the existing code string instead of replacing it.
- **Broadcast RTCM transformations:** Trimble Access now supports uploading jobs that use a Broadcast RTCM

transformation (.rtd) file to Trimble Sync Manager.

**NOTE** – Trimble recommends using one data collector per project to upload .rtd files. If multiple data collectors using .rtd files upload them to the same project there is a potential for file conflicts if the .rtd files have the same name.

- **Application errors:** We have fixed the following issues that caused application errors when using or closing the software:
  - An out of memory error that occurred when the controller was connected to a GNSS receiver for more than 20 hours.

## Roads

### Resolved issues

- **Incorrect prompt displayed for the V.dist to cross slope value:** When staking a road with a cross slope applied, the prompt preceding the **V.dist** value to the cross slope position now correctly displays **Cut** or **Fill**. This was an issue only at the navigation screen. It was correct at the **Confirm staked deltas** screen. Numeric values were correct.

## Pipelines

### Resolved issues

**Linked joint attributes:** We have resolved an issue where setting the linked Joint ahead and Joint behind attributes was not being retained.

### Pipelines Tally and Joint Map Updater Utility

The Trimble Access Pipelines Tally and Joint Map Updater utility is used to merge the updated tally and joint map data from multiple field crews into a master set of files in the office at the end of each day. The master tally files are then distributed to each field crew, ready for the next day's work. An XML file containing all the merged data is also available for generating custom reports from.

The utility is available for download from [www.trimble.com/Survey/Trimble-Access-IS.aspx](http://www.trimble.com/Survey/Trimble-Access-IS.aspx) by clicking *Downloads* on the right and navigating to the *Trimble Access Pipelines* section.

This utility is updated from time to time. To view the latest update information and all updates to the utility since it was first released, view the *Pipelines Tally and Joint Map Updater Utility Release Notes* document available with the utility download file.

## Supported equipment

Trimble Access software version 2018.21 communicates best with the software and hardware products shown below.

For best performance, hardware should always have the latest available firmware installed. For more information on recent software and firmware versions, refer to the [Trimble Geospatial Software and Firmware Latest Releases document](#).

### Supported controllers

The Trimble Access software runs on the following controllers:

- Trimble TSC7 controller
- Trimble T10 tablet
- Supported third-party tablets

For more information on supported third-party tablets, go to <https://geospatial.trimble.com/product-and-solutions/access> and click **Downloads** to download the **Trimble Access for Windows Minimum Requirements** bulletin.

### Supported conventional instruments

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

- Trimble SX10 scanning total station
- Trimble VX spatial station
- Trimble S Series total stations: S8/S6/S3 and S9/S7/S5
- Trimble mechanical total stations: C5, C3, M3, M1
- Spectra Precision® total stations: FOCUS® 35, 30
- Supported third-party total stations

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

### Supported GNSS receivers

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

- Trimble integrated GNSS surveying systems: R10, R8s, R8, R6, R4, R2
- Trimble modular GNSS surveying systems: R9s, NetR9 Geospatial, R7, R5
- Trimble SPS Series GNSS Smart Antennas: SPS585, SPS785, SPS985, SPS985L, SPS986
- Trimble SPS Series GNSS modular receivers: SPS85x
- Trimble Alloy GNSS Reference Receiver

- Spectra Precision® receivers: SP60, SP80
- S-Max GEO receiver

**NOTE** – Because the SP60 and SP80 receivers use different GNSS firmware to other supported receivers, not all functionality in the Trimble Access software is available when an SP60 or SP80 receiver is in use. For more information, refer to the support bulletin [SP60 and SP80 receiver support in Trimble Access](#).

## Trimble office software

- Trimble Business Center
- Trimble Sync Manager

## Installation information

To install Trimble Access 2018.21 onto a supported controller you must have Trimble Installation Manager installed on the controller and a Trimble Access software maintenance agreement valid up to **1 February 2018**.

### Don't have a current license? You can still try out the software

We have made it easier for you to try out the latest version of Trimble Access. You can use Trimble Installation Manager to create a limited demonstration license and then install Trimble Access 2018.21 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 Trimble Access on devices that do not already have a Trimble Access license.

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

## Supported controllers

For list of supported controllers, see [Supported equipment](#).

## To install the software

To download and install Trimble Installation Manager, connect the controller to the internet, and then go to [www.trimble.com/tim](http://www.trimble.com/tim).

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

If you have existing Trimble Access data files on an old controller, you can copy them from the old controller to the **C:\Trimble Access Install upload folders** folder on the new controller and use Trimble Installation Manager to convert the files to the latest file formats and transfer them to the appropriate Trimble Data folders on the new controller.

For more information refer to the [Trimble Installation Manager Help](#).

## To upgrade to a TSC7 from an older controller

To upgrade from an older controller to a new TSC7, you can relinquish your Trimble Access software license from an older controller that has current software maintenance and after your distributor has reassigned the licenses to your new controller, you can install Trimble Access to the new controller using Trimble Installation Manager. You can also use Trimble Installation Manager to convert data files copied from your old controller to the Trimble Access 2018.21 file versions and install them to the TSC7.

For more information, refer to the topic **To relinquish software licenses** in the [Trimble Installation Manager Help](#).

## Updating office software

When you upgrade to version 2018.21, you may also need to use Trimble Installation Manager to update your office software so that you can import your Trimble Access jobs. If you use:

- Trimble Business Center, you do not need to use Trimble Installation Manager as all required updates are handled using the Check for updates utility provided with Trimble Business Center.
- Other office software such as Trimble Link™ to convert job files to other file formats, install the Trimble Installation Manager onto the computer where Trimble Link is installed and then run Trimble Installation Manager to install office updates.

## Trimble Solution Improvement Program

The Trimble Solution Improvement Program collects information about how you use Trimble programs and about some of the problems you may encounter. Trimble 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.

If you participate, the TSIP software is installed on your controller. Each time you start the Trimble Access software, the Trimble Access log file is automatically sent to the Trimble server. The file includes data on what the Trimble equipment is being used for, what software functions are popular in specific geographical regions, and how often problems occur in Trimble products that Trimble can correct.

At any time, you can choose not to participate in the Trimble Solution Improvement Program by uninstalling the TSIP software. To do this, go to the Windows *Add or Remove programs* function on your controller and remove the TSIP software.

For more information, go to [www.trimble.com/survey/solution\\_improvement\\_program.aspx](http://www.trimble.com/survey/solution_improvement_program.aspx).

## For more information

To view the *Trimble Access Help* on the controller, press the  key on the keypad or tap  in the Trimble Access software and then select **Help**.

To view the *Trimble Access Help Portal* from any computer, go to <https://help.trimblegeospatial.com/TrimbleAccess>.

## Legal information

© 2009–2019, Trimble Inc. All rights reserved. Trimble and the Globe and Triangle logo are trademarks of Trimble Inc. registered in the United States and in other countries. Access is a trademark of Trimble Inc.

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