



Trimble Access™ Software



Version 2017.22
Revision A
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Trimble Inc.

www.trimble.com

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These Release Notes contain information about Trimble® Access™ software version 2017.22.

General Survey

This section includes features, enhancements and resolved issues that also apply to other Trimble Access applications.

New hardware supported

SPS785 GNSS Smart Antenna

Trimble Access version 2017.22 supports the new Trimble SPS785 GNSS Smart Antenna.

Trimble Alloy GNSS Reference Receiver

Trimble Access version 2017.22 supports the new Trimble Alloy GNSS Reference Receiver.

Enhancements

Trimble C5 total station auto focus enhancements

Trimble Access version 2017.22 provides better auto focus settings for the Trimble C5 total station. From the General Survey menu select *Instrument / Instrument settings* and select the *Mode* in the *Auto focus* group box. Select from:

- **Continuous:** The EDM continually measures, and the instrument continually focuses. If you use the manual focusing ring then auto focus stops until you press the **AF** key on the instrument keypad.
This option is the auto focus mode provided in previous versions of Trimble Access. *Continuous* mode consumes the instrument battery more quickly. It cannot be used when *EDM power save* is enabled.
- **Automatic – on prism:** The instrument only focuses on prisms, or when you press the **AF** key on the instrument keypad.
- **Key only:** The instrument only focuses when you press the **AF** key on the instrument keypad.

Enable the new *On known distance* check box to automatically focus whenever you turn the instrument to a known point, for example during station setup plus, resection, stakeout or when measuring rounds or check shots.

For more information, refer to the topic *Instrument settings* in the [General Survey Help](#).

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.

- **Bottom notch height measurement:** The Trimble Access software now only offers the *Bottom notch* measurement method in the *Instrument height* field 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.
- **Frequently used punctuation keys on virtual keyboard:** When using the Trimble virtual keyboard on a tablet, the comma (,) , period (.) and hyphen (-) keys are now still available when you press the *Shift* key. In previous versions of Trimble Access these keys were changing to the <, > and _ keys. To use the <, > or _ symbol, press the *Sym* key on the virtual keyboard and then press the appropriate key.
- **AccessSync synchronization:** We have resolved an issue where if you closed the software while files were being synchronized or were queued for synchronization, AccessSync did not automatically resume synchronization when you restarted the software.
- **Application errors:** We have fixed the following issues that caused application errors when using or closing the software:
 - Attempting to load a geotiff file.

Roads

New features and enhancements

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.

Installation Information

This section provides information on installing version 2017.22 of the Trimble Access software.

Installing the software and licenses on the controller

Operating system installation

With a new Trimble Tablet, the operating system is not installed. Turn on the Tablet to install the Windows® operating system and then apply Windows updates.

With all other new controllers, the operating system is already installed.

WARNING – *Operating system updates will erase all data from the device. Make sure you backup your data to your PC before installing. Otherwise you may lose your data.*

Note – *The process of upgrading Trimble Access from one version to another converts the jobs (and other files like survey styles). If you copy the original Trimble Access data files off the controller and then upgrade the operating system, before installing the new version of Trimble Access please ensure you copy the original Trimble Access data files back onto the controller. If you follow these*

steps then the original Trimble Access files will be converted and made compatible with the new version of Trimble Access.

Software and license installation

Before you use your controller, you must install the applications and licenses using the Trimble Installation Manager. If you have:

- Never installed the Trimble Installation Manager, go to www.trimble.com/installationmanager for installation information.
- Previously installed the Trimble Installation Manager, you do not need to reinstall it because it updates itself automatically. Select *Start / All Programs / Trimble Installation Manager* to start the Trimble Installation Manager.

If your controller is a Windows device, like a tablet, then install Trimble Installation Manager on the controller and run Trimble Installation Manager to install or update Trimble Access software. If your controller is a Windows CE or Windows Mobile device like a TSC3, then install Trimble Installation Manager to a Windows computer and then run Trimble Installation Manager to install or update Trimble Access software on the connected controller.

For more information, click *Help* in the Trimble Installation Manager.

Am I entitled to this version?

To install and run Trimble Access software version 2017.22, you must have a warranty agreement valid up to 1 September 2017.

When you upgrade to version 2017.22 using the Trimble Installation Manager, a new license file is downloaded to your device.

Updating office software

When you upgrade to version 2017.22, 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 (TSIP) 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 Trimble Solution Improvement Program software copies the Trimble Access software log file and sends it to the Trimble server. For controllers running:

- Windows CE/Windows Mobile, the TSIP software is installed on the computer where the Trimble Installation Manager is installed.

The Trimble Access log file is copied and sent to the Trimble server each time the controller is connected to this computer using ActiveSync® technology or the Windows Mobile® Device Center.

- Windows, the TSIP software is installed with the Trimble Access software.

The log file is copied and sent to the Trimble server each time you start Trimble Access.

The log 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 the computer where the software is installed and remove the TSIP software.

For more information, go to www.trimble.com/survey/solution_improvement_program.aspx.

Documentation

Trimble Access is "context-sensitive." To access the Help, tap ? at the top of the screen.

A list of Help topics appears, with the relevant topic highlighted. To open the topic, tap its title.

Go to <http://apps.trimbleaccess.com/help> to download a PDF file of the Help. A separate PDF file is provided for each application.

Note – The latest PDF files available for download are for Trimble Access 2017.20.

Software and Hardware Requirements

Trimble Access software version 2017.22 communicates best with the software and hardware products shown below. The software can also communicate with any version later than that shown.

Trimble software	Version
Trimble Business Center (32-bit)	2.99
Trimble Business Center (64-bit)	5.00

Trimble receiver	Version
Trimble R10	5.40
Trimble R8s	5.40
Trimble R2	5.40
Trimble R8-4, R8-3	5.40
Trimble R6-4, R6-3	5.40
Trimble R4-3, R4-2	5.40
Trimble R9s	5.40
Trimble NetR9 Geospatial	5.40
Trimble R7	5.03

Trimble receiver	Version
Trimble R5	5.03
Trimble Geo7X	4.95
Trimble GeoXR	4.55
Trimble R8-2, R6-2, R4-1	4.64
5800, 5700 II	4.64
Spectra Precision SP60/80	3.31

Trimble instrument	Version
Trimble SX10 scanning total station	S2.1.11
Trimble S5/S7/S9 total station	H2.6.10
Trimble S6/S8 total station	R12.5.54
Trimble VX Spatial Station	R12.5.54
Trimble S3 total station	M2.2.33
Trimble V10 imaging rover	E1.1.70
Trimble C5 total station	3.0.0.x
Trimble M3 total station	V2.2.33
Spectra Precision FOCUS 30/35 total station	R1.6.7

For the latest software and firmware versions, see also <http://trl.trimble.com/dscgi/ds.py/Get/File-93082/Survey%20Software%20and%20Firmware.pdf>.