RELEASE NOTES

TRIMBLE® ACCESS™ SOFTWARE

Version 2014.00
Revision A
February 2014

Trimble

Legal Information

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Contents

Trimble Access Software Version 2014.00

These Release Notes contain information about the Trimble® Access™ software version 2014.00.

The Trimble Access software provides a collection of survey tools for use in the field, and web-based services for the office and in the field. These applications may be installed on the controller, the office computer, or on servers hosted by Trimble, depending on the parts you have purchased.

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.

Software and license installation

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

- not installed the Trimble Access Installation Manager before, go to www.trimble.com/taim for installation information.
- previously installed the Trimble Access Installation Manager, you do not need to reinstall it because it updates itself automatically. Select *Start* / *All Programs* / *Trimble Access Installation Manager* to start the Installation Manager.

For further information on how to install or update your software and license file, refer to the Help file in the Trimble Access Installation Manager.

Note – *For Trimble CU controllers, Trimble Access version 2013.00 and later can be installed only on the Trimble CU model 3 (S/N 950xxxxx). Trimble CU models 1 and 2 have insufficient memory to run later versions of Trimble Access.*

Am I entitled to this version?

To install and run Trimble Access software version 2014.00, you must have a warranty agreement valid up to 1 February 2014.

When you upgrade to version 2014.00 using the Trimble Access Installation Manager, a new license file is downloaded to your device.

Updating office software

When you upgrade to version 2014.00, you must also update your office software. These updates are required if you need to import your General Survey jobs into Trimble office software such as Trimble Business Center.

When you upgrade the controller using the Trimble Access Installation Manager, the office software on the computer that has the Trimble Access Installation Manager installed is also upgraded. To upgrade other computers that were not used to update the controller, do one of the following:

- Install the Trimble Access Installation Manager onto each computer and then run Office updates.
- Run the Trimble Update Office Software packages for the Trimble Access software from www.trimble.com/support_trl.aspx?Nav=Collection-84862.
- Use the Trimble Data Transfer utility:
  - You must have version 1.51 or later installed. You can install the Data Transfer utility from www.trimble.com/datatransfer.shtml.
  - If you have version 1.51, you do not need to update to a later version of the Data Transfer utility; you can run one of the Trimble Update Office Software packages from www.trimble.com/support_trl.aspx?Nav=Collection-84862.
- If you only need to update the latest version of the Trimble Business Center software, you do not need to run the Trimble Access Installation Manager to update the office software. The required converters are now available on the controllers running the Trimble Access software and, if required, they are copied from the controller to the computer by the Trimble Business Center software.

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, a software program is installed on your computer. Every time that you connect your controller to this computer using ActiveSync® technology or the Windows Mobile® Device Center, the Trimble Access software generates a log file that 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 uninstall the Trimble Solution Improvement Program. If you no longer wish to participate in the Trimble Solution Improvement Program go to *Add or Remove programs* on your computer and remove the software.

Documentation

Trimble Access Help 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://help.trimbleaccess.com to download a PDF file of the Help. A separate PDF file is provided for each application.

General Survey

New hardware

Trimble V10 imaging rover now available

The Trimble V10 imaging rover is an integrated camera system that precisely captures 360° digital panoramas used to visually document and measure the surrounding environment.

The Trimble Access field software integrates the V10 seamlessly with the Trimble R10 GNSS receiver and the Trimble VX Spatial Station or Trimble S Series total station positioning sensors. Panoramas can also be captured standalone pre or post survey of occupied points.

The captured field data is processed in Trimble Business Center which can then provide survey grade positions from identifiable features in the images.

The V10 has built in tilt and motion sensors. Use the eBubble display to ensure the V10 is within tilt tolerance before you capture a panorama.

The V10 works with Trimble Tablet controllers and supported non-Trimble Windows® computers.

New features

Configurable button layout for Measure codes

Measure codes streamlines the measuring of points that have assigned codes. To measure a point and set the code, tap the button with the appropriate assigned code. To measure another point with a different code, you simply tap the appropriate code button. Using the Template pickup option makes it simple to measure patterns of codes, for example across a road cross section. Template pickup automatically moves through the configured codes to ensure the next code is pre-configured ready to measure.

Measure codes previously supported only a 3x3 9-button layout, but you can now configure any *Measure codes* screen button layout between 3x3 and 5x5 – up to 25 buttons per page.

When using a 3x3 layout, the numeric buttons on the TSC3 keyboard map to the buttons in the *Measure codes* screen, allowing fast coding and measurement directly from the keyboard. You can have up to 26 pages, or groups of codes. The groups of codes can also be accessed with the keyboard – group 1 maps to A, group 2 to B, and so on.

Controller compass now works better for stakeout

Trimble Access is now much smarter about using the controller compass during navigation in stakeout. When you start stakeout the compass is now used initially because you are typically not moving at this point and provides better direction information than a lot of positions which are basically in the same location.

When you start moving in a GNSS or Robotic survey, the positions now provide a better heading than the compass, and these are used in preference for direction. When you get close to the stakeout point and the 'bullseye' screen is displayed during stakeout, the compass is again used to provide direction.

With previous versions of Trimble Access, when the compass was enabled this was always used to provide direction during stakeout. When almost stationary this was a good source of heading, but due to low accuracy in the controller compass the direction provided while moving was inferior to the direction provided by the GNSS or robotic positioning sensor.

Compensated point enhancements

The following enhancements have been made for compensated points:

- You can now use compensated points in a site calibration.
- The magnetometer calibration status record now shows the calibration type (3D calibration or 2D alignment). The *Tilt calibration status* field has been renamed to *Magnetometer calibration status*.
- The direction of the receiver tilt is now stored in the point record unless it is within 1 mm of vertical. When the receiver is within 1 mm of vertical an azimuth value is not stored.

Receiving RTX subscriptions via satellite

Trimble Centerpoint™ RTX™ subscriptions can now be delivered via satellite transmission. If you have purchased an RTX subscription, you can now receive the RTX subscription directly onto the controller. To do this, start an RTX survey. If you do not have a current subscription, the Trimble Access software automatically attempts to download a new subscription via satellite.

To receive an RTX subscription via satellite, the R10 receiver must have receiver firmware version 4.84 or later.

For more information, go to www.trimble.com/positioning-services.

Resetting RTX

In an RTX survey, the *Reset* button on the satellite plot/list screen resets SV tracking as well as RTX convergence. The *Reset* button on the *RTX status* screen resets the RTX convergence but not the satellite tracking.

Measuring points on a plane

In a conventional survey, you can use the new *Measure points on a plane* measurement method to define a plane and then measure points relative to the plane.

A horizontal plane, a vertical plane, or a tilted plane can be defined by selecting points in the job or measuring new points. After defining the plane, an *Angles only* measurement to the plane creates an angles and computed distance observation onto the plane. Alternatively, an *Angles and distance* measurement to the plane computes the perpendicular offset to the plane.

The type of plane calculated by the software depends on the number of points selected:

Number of points	Plane type
1	Horizontal

2	Vertical through 2 points
3	Fixed through 3 points (no residuals)
4 or more	Plane with residuals. The plane can be a "Free" plane created as a best fit (typically tilted) plane through all points, or a "Vertical" plane constrained to a best fit vertical plane through all points. Tap the *Free* / *Vertical* softkey to toggle between the two modes.

For more information, refer to the General Survey Help.

The *Measure points on a plane* measurement method in the *Measure* screen replaces the old *Vertical plane and angle* method, located in the *Cogo* / *Compute point* screen.

Exporting Trimble VX scan points

You can now export Trimble VX Spatial Station scan data collected with General Survey to CSV. You can perform this export while the data is still on the data collector. Previously, you had to transfer the data to office software and export the data from there.

To export the data, select *Jobs* / *Import/Export* / *Export fixed format*. Set the file format to "Comma Delimited". In the *Select points* list, select "Scan file points" and then select the scan files to include from the list of referenced scan files.

Refline station setup using offset methods

You can now select offset methods when performing a Refline station setup. The options now available in the *Method* field are:

- Angles and distance
- Averaged observations
- Angles only
- Horizontal angle only
- Angle offset
- Horizontal angle offset
- Vertical angle offset
- Distance offset

Stakeout point averaged F1 F2 observations

An MTA record (averaged F1 F2 observation) is now created when a point is staked out on both F1 and F2.

Auto-connect to 5600/3600

The *Auto connect* option for 5600 and 3600 total stations was turned off by default in Trimble Access version 2013.40, making auto connecting to other devices faster. Following feedback from

customers this option has now reverted to being turned on by default. If you do not use a 5600 or 3600 total station, you can turn off this option in the *Auto connect options* screen.

This change affects only new installations of Trimble Access. Your *Auto connect* settings are preserved when you upgrade from a previous version.

3D map enhancements

The 3D map, which is available on the Trimble Tablet, now has the following new features:

- A scale bar in 3D mode.
- An option for manually setting the vertical exaggeration scale.

  Previously the 3D map automatically selected an appropriate vertical exaggeration scale to emphasize the vertical features in the map. Now, the 3D map shows a true representation of the data by default. To emphasize vertical features in the map, which may be too small to identify relative to the horizontal scale, tap *Options* and then enter a value in the *Vertical exaggeration* field.

UTC time/date format available for jobs

You can now select UTC date/time from the *Time format* field in the job properties *Units* screen.

Geodetic (true) north azimuths

If the *Advanced Geodetic* option is turned on then *Compute inverse* will now display Geodetic forward and backward azimuths in addition to the grid azimuth.

Images transferred via Wi-Fi now stored in the job folder

By default, images transferred via Wi-Fi are now stored in the same folder as the job. Previously, the default location was the username folder.

To specify a different folder for images transferred via Wi-Fi, select *Settings* / *Connect* / *Wi-Fi image transfer*.

Find point name available in *Store a point* screen

The *Find* function is now available in the *Store a point* screen. Now you can find the next available point name before you store the current GNSS position.

Internet connection setup changes

When configuring a network connection as part of a GNSS contact you are now directed to *Internet Setup* on a TSC3, TSC2, Slate or GeoXR. In previous versions of the software you were directed to use the operating system, but using the wizard provided in the *Internet Setup* screen of the Trimble Access software is simpler to use. If you prefer, you can still select network connections previously configured in *Internet Setup* or in the operating system before configuring the GNSS contact.

The *Auto detect* feature in *Internet Setup* used on controllers with an internal modem has been removed, because this did not work with all service providers. Use the *Detect* button to automatically populate the network settings.

A default internal modem network connection on the TSC3, Slate or GeoXR is no longer created. A default Trimble Internet connection on the TSC2 is no longer created. These were removed as the defaults were not appropriate to all customers, and having default configurations could create issues. Use the *Internet Setup* wizard to recreate these as needed.

For controllers that are upgraded to Trimble Access version 2014.00, all existing connections are preserved. The above changes apply only when setting up new Internet connections.

Internet connection setup changes for New Caledonia

The mobile network settings for New Caledonia have been updated.

Coordinate system database updates

- The following datum definitions have been added:
  - ARC 1960 (Kenya)
  - ARC 1960 (Tanzania)
  - Estonia 1937
  - Indian (Bangladesh)
  - Indian (India and Nepal)
  - Indian 1957 (Thailand)
  - Indian 1960 (Vietnam near 16dN)
  - Indian 1960 (Con Son IS)
  - Korean Geodetic 1995 (S Korea)
  - Midway Astro 1961 (2003)
  - Old Hawaiian 2000 (Hawaii)
  - Old Hawaiian 2000 (Kauai)
  - Old Hawaiian 2000 (Maui)
  - Old Hawaiian 2000 (Mean)
  - Old Hawaiian 2000 (Oahu)
  - OSGB 1936 (England)
  - Qatar National
  - S-42 (Albania)
  - S-42 (Kazakhstan)
  - S-42 (Latvia)
  - S-42 (Poland)
  - S-42 (Romania)
  - Sierra Leone 1960

- SIRGAS
- Timbalai 1948 (Brunei/Malaysia)

- The following datum definitions have been updated:
  - Guam 1963
  - Tokyo (South Korea)
- A new geoid model references has been added for Canada and for Korea.
- Some old Finland zone definitions have been removed, and a new Finland geoid model was added.

General Survey help restructured

The "Survey – Conventional" and "Survey – GNSS" chapters of the *General Survey Help* have been restructured. Each chapter has been split into two new chapters: a "Setup" and a "Measure" chapter. Content has been moved from the "Survey – General" chapter into the new chapters, as appropriate.

The new structure should make it simpler for users who are using either conventional or GNSS to find the information they need, and provide a clearer distinction between the tasks required to set up a survey and performing measurements in the survey.

Resolved issues

- **Zoom extents:** An issue where Zoom extents included the current GNSS position, which may be a long distance from the current job, is now resolved. Zoom extents now includes the current GNSS position only if it is being used for GPS search.
- **Russian layer names in DXF:** An issue where cyrillic characters were not displayed correctly in the map when the DXF file contained layer names in Russian is now resolved.
- **Cross section view:** An issue where you could not view the cross section when staking an alignment with the cut/fill value displayed relative to a DTM is now resolved.
- **3D Map:** The following issues are now resolved for the 3D map:
  - An issue where the *Zoom +* option zoomed in more than expected. This was only an issue where you had selected the *Iso* or *Top* predefined view and then tapped *Zoom +*.
  - An issue where orbiting was difficult to control when the entities were a long way apart. This was an issue only when you had selected the *Front*, *Back*, *Left* or *Right* predefined view and then zoomed in.
  - An issue where labels in the map sometimes changed color when you switched back to the map.
  - An issue where arrows on lines, arcs, or alignments were not always visible when you zoomed in.
  - An issue where the undersides of terrain were not visible when you selected a predefined view.

    - An issue where the alignment or Trimble road (*.rxl file) did not appear correctly in 3D mode or 2D mode. This was an issue only where the vertical alignment ends part way along a horizontal element.
- **Cable connections to the Tablet:** You can now use the USB to Serial adapter (P/N 91475-00) to communicate between the Trimble Tablet and hardware devices with a serial port. With Trimble Access version 2013.40, trying to use a USB to Serial adapter would install drivers on the Tablet, but they would not work, and if the Tablet had a cirronet radio the radio might then stop working.
- **F1, F2, F3 keys on Tablet:** An issue where pressing the F1, F2, or F3 key did not always bring up the assigned screen as expected is now resolved. This was an issue only if you pressed one of the Function keys when in a screen that has softkeys.
- **TCC login from Tablet:** An issue where logging into TCC from the *Login* screen in Trimble Access did not work is now resolved. This was an issue only when using an Internet connection created using the internal SIM card on the Tablet.
- **Measure codes:** An issue where tapping the code button in the *Measure codes* screen did not automatically start measuring the point is now resolved. This was an issue only if you started a measurement within 3 seconds of the previous measurement.
- **Store point antenna fields:** An issue where, if you were in the *Store a point* screen and then tapped on the antenna icon and edited the antenna settings before returning to the *Store a point* screen, then the *Antenna height* and *Measured to* fields displayed in the *Store a point* screen were not updated is now resolved. This was a display issue only - the point was always stored with the updated antenna settings.
- **Topo point (GNSS survey):** The following issues are now resolved:
    - An issue where a poor precision warning unexpectedly appeared when measuring a topo point during a real-time survey.
    - An issue where a topo point measurement occasionally gets stuck during a GPS week rollover.
- **Compensated points:** The following issues are now resolved:
    - An issue where the eBubble display incorrectly indicated the tilt limit. This issue affected only the eBubble display – all warnings relating to tilt tolerance were correct. The eBubble display now accurately shows the 15 degree tilt limit.
    - An issue where the software stored a point even though a message was displayed saying precisions were not available and the user had tapped *No* when prompted to store the point.
    - The software now only shows compensated point measurement options in the survey style if the rover options for the survey style allow for compensated points. If *Rover Options* has Tilt disabled or the *Broadcast format* is set to a source that does not support compensated points, such as RTX, then compensated points cannot be configured or measured.

- **RTX:** The following issues are now resolved when using Trimble Centerpoint RTX service:
  - An issue where precision tolerances for topo points, observed control points, or rapid points were manually changed but then reverted to the default settings. Precision tolerances now reset to defaults only if the broadcast format is changed.
  - An issue where the *Correction satellite name* incorrectly showed a satellite PRN during an RTX survey. The *Correction satellite name* field now shows the satellite name, once it has been received from the satellite.
  - An issue where an error message did not indicate that the RTX subscription was not valid because the subscription had not yet started.
- **xFill subscription:** An issue where an error message did not indicate that the xFill subscription was not valid because the subscription had not yet started is now resolved.
- **GeoXR modem:** An issue where the GeoXR modem was used in 2G mode and the Trimble Access software was unable to set the modem back to 3G mode is now resolved.
- **Instrument settings:** An issue where a redundant "No face 2 backlight" message was shown when the total station was not connected through USB is now resolved. The message no longer appears.
- **Auto F1/F2 station setup:** An issue where the "Station setup completed" message appeared before the F2 observations had been measured is now resolved.
- **Wi-Fi connection:** An issue where the *Connect* or *Disconnect* softkey did not always appear in the *Receiver Wi-Fi Configuration* screen is now resolved. The *Connect* softkey is now shown when connected and also when the receiver is in the process of connecting to a network.
- **Wi-Fi encryption key validation:** An issue where the encryption key was not being validated is now resolved. This was an issue only in Client Mode; encryption keys were validated when in Access Point mode.
- **Bluetooth modem on Trimble Tablet with non-English operating system:** An issue where the *Bluetooth modem* field on the Trimble Tablet always showed *None* is now resolved. This was a display issue only when running the Trimble Access software on a non-English operating system. You were still able to establish a connection using the Bluetooth modem.
- **Application errors:** You should no longer see occasional application errors when you do any of the following:
  - Try to connect to a 4700 receiver that will operate as a base receiver.
  - Measure compensated points using VRS™ and store them as positions and then export them in a DC file.
  - Position the eBubble on the extreme left side of the screen.
  - Viewing the 3D map when:
    - the first polygon in a shapefile has a hole.
    - the points in a shapefile have very large negative elevations.
    - there is a negative line weight in a .dxf file.

Roads

New features

Workflow improvements

The following workflow improvements have been made:

- The last used road is now remembered when defining and surveying a road.
- When exiting the *Define* and *Survey* menus the road selection screen is no longer displayed.
- For a LandXML road the *Position from file* stake option has been removed from the Survey menu. This menu option is no longer required due to an enhancement made in Trimble Access version 2013.10 that enabled points to be added to the road definition for both Trimble and LandXML roads. This enhancement was added to the *Define* menu as a road component called *Additional points*. Previously the positions were not part of the road but were selected from a file when staking the road. For a LandXML road, if any edits to the definition are made, including the addition of points, the road is saved as an RXL file. Therefore to stake a LandXML road with additional points you select the RXL version of the LandXML file that includes the additional points. The now redundant *Position from file* stake option for LandXML files was inadvertently not removed at the time of this change.

GENIO road interface enhancements

The following improvements have been made to the software when surveying a GENIO road:

- If you are off the road when measuring a position on the road or relative to a string, the *Off road* text is now displayed red. Previously it was black.
- When defining the *Antenna/Target height* details the GENIO file name and road name is no longer displayed, as the road name is displayed in the banner at the top of the screen.
- When defining the *Antenna* details the *Antenna type* is now displayed.
- At the selection and stakeout screens the road name is no longer displayed as the road name is displayed in the banner at the top of the screen.

Resolved issues

- **Status bar:** An issue where the status bar was empty is now resolved. This was only an issue when in widescreen mode you tapped the side arrow to view the status bar and then de-selected the *Widescreen* option from the tap and hold menu.
- **Cross section view:** An issue where you could not view the cross section when staking a Road with the cut/fill value displayed relative to a DTM is now resolved.
- **Stake position from file:** An issue with the display of Additional points when the job units were US feet or International feet has been resolved. Previously, in a Survey when the Stake option was set to *Position from file*, the station and offset values in the drop down list in the *Position*

field were displayed as metric values. Note that this was only a display issue at the selection screen. Although the values were displayed as metric values, the positions were staked correctly.

- **Subgrade for GENIO road:** An issue when defining a subgrade for a GENIO road where more than one subgrade position was computed is now resolved. Previously the double circle indicating a position had been selected was displayed only for the computed position closest to the centerline.
- **NSW cubic parabola transition:** An issue where the cross section positions along a NSW cubic parabola were being incorrectly computed is now resolved. Positions along the transition that were on the horizontal alignment were correct unless the transition was a compound parabola – that is, both the start and end radii values were not infinite. Computed positions for line and arc horizontal elements were correct. The NSW cubic parabola is a special parabola used for rail projects in New South Wales, Australia.
- **Application errors:** You should no longer see occasional application errors when you attempt to stake a GENIO road by the *Along a string stake* option where the string is defined by a position computed using the *Subgrade* option.

Tunnels

New features

Pivot position offset from the alignment icon

When applying rotation, where the pivot position has been offset from the alignment, an icon now indicates the offset position. The icon is displayed when:

- reviewing a tunnel definition
- surveying a tunnel
- reviewing a surveyed tunnel

Line from manual measured position to tunnel profile

When manually measuring a position during an Auto scan, a red line is now drawn from the measured position to the tunnel profile when the point is stored. Previously, a line was drawn only for auto scanned positions or when a manually measured point was reselected.

Having performed an Auto scan and then manually measured a position, pressing the left or right arrows now update the details at the base of the screen to those of the currently selected surveyed point. Previously the details displayed were fixed to those of the last measured manual point.

Workflow improvements

The following workflow improvements have been made:

- The last used tunnel is now remembered when defining, surveying, and reviewing a tunnel.
- When exiting the *Define*, *Survey*, and *Review* menus, the tunnel selection screen is no longer displayed.

Zoom scale retained when changing measurement mode

When changing from Auto scan to Manual measure, the zoom scale is now retained. Previously it would always zoom to extents.

Resolved issues

- **Survey cross-section view:** The layout of the icons in the survey cross-section view is now improved so that the station value and code are no longer obscured.
- **NSW cubic parabola transition:** An issue where the cross section positions along a NSW cubic parabola were being incorrectly computed is now resolved. Positions along the transition that were on the horizontal alignment were correct unless the transition was a compound parabola – that is, both the start and end radii values were not infinite. Computed positions for line and arc horizontal elements were correct. The NSW cubic parabola is a special parabola used for rail projects in New South Wales, Australia.
- **Status bar:** An issue where the status bar was empty is now resolved. This was only an issue when in widescreen mode you tapped the side arrow to view the status bar and then de-selected the *Widescreen* option from the tap and hold menu.

Mines

Resolved issues

- **Pivot points:** The on-screen prompts when auto staking pivot points and laser lines from a centerline have been improved.

Monitoring

Resolved issues

- **Station and points:** An issue where changing the height measurement method sometimes has no effect is now resolved.
- **Station grid coordinates:** An issue where the station grid coordinates were not changing is now resolved. This issue occurred when you changed the Station setup method from "Known point" to "Resection", or from "Resection" to "Known point" in an existing survey job.

Trimble Access Installation Manager

New features

- The Trimble Access Installation Manager online version now includes an *Unassigned licenses* tab.

  Support for unassigned Trimble Access licenses enables Trimble Access software to be purchased without the controller serial number, which can speed up the purchasing process when a serial number is not yet known. If you have purchased additional software licenses, your Trimble distributor will assign them to your Trimble Central Authentication Service account, then you can use the *Unassigned licenses* tab to assign a software license to the connected controller.

  To assign a license, click **Log in** and then log in using your Trimble Central Authentication Service login details. Once you have logged in, the *Unassigned licenses* tab shows a list of available licenses that can be assigned to the connected controller. Select the license(s) and then click **Assign license**. Click **OK** and then click **Install**.

  For more information, contact your Trimble distributor.

- Each tab of the Trimble Access Installation Manager window now includes the **Trimble Store** button. Click **Trimble Store** to open your browser window and visit the online Trimble Store. Visit the Trimble Store to purchase additional software for your existing Trimble Access controller.

Software and Hardware Requirements

Trimble Access software version 2014.00 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)	2.95
Trimble Business Center (64-bit)	3.10

Trimble receiver	Version
Trimble R10	4.84
Trimble R8-4, R8-3	4.84
Trimble R6-4, R6-3	4.84
Trimble R4-3, R4-2	4.84
Trimble R7 GNSS	4.84
Trimble R5	4.84
Trimble NetR9	4.84
Trimble GeoXR	4.55
Trimble R8-2, R6-2, R4-1	4.63
5800 II	4.63
5700 II	4.63

Trimble Instrument	Version
Trimble V10 imaging rover	E0.2.61
Trimble VX Spatial Station	R12.4.17
Trimble S8 total station	R12.4.17
Trimble S6 total station	R12.4.17
Trimble S3 total station	M2.1.31
Trimble M3 total station	1.30 2.10

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

Controller operating system support

Trimble TSC3 controllers with Microsoft Windows Mobile Version 6.5 Professional can run Trimble Access software version 1.8.0 to version 2011.10.

Trimble TSC3 controllers with Microsoft Windows Mobile Embedded Handheld 6.5 must have Trimble Access version 2012.00 or later.