Trimble Business Center

Release Notes

TBC Version 2026.20

www.trimble.com

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Welcome to Trimble Business Center

Trimble Business Center (TBC) provides a complete office software solution for survey and construction professionals. Having the ability to work in a single software environment streamlines operational efficiency while minimizing the costs of data management, software maintenance, and training.

Important Note! This version of Trimble Business Center is available to:

- Perpetual license users whose current warranty expiration date is **November 1, 2026** or later. (If your perpetual license warranty expires prior to this date and you proceed with the installation, licensed features will not be available.)
- Subscription license users whose subscription is currently active.

  If necessary, you can contact your distributor to purchase a warranty extension or renew your subscription. In the TBC ribbon, select Support > License Manager to view your warranty or subscription expiration date.

New features

Following are the new features and enhancements included in this version of Trimble Business Center. To view context-sensitive help in TBC while using any of the commands mentioned here, simply press **F1**.

Miscellaneous

- **TBC Online Help** - On the Support tab, click the **Field System Help Portal** icon to connect to the TBC online help.
- **New and Updated ANZ Toolbox Commands** - The ANZ Toolbox brings four new commands to TBC:
  - **3D Object Clash Detection** - Enables you to select solid objects and utilities and apply a specified clearance tolerance, to identify potential clashes. It highlights the clash location, objects involved, and the distance between them, allowing you to review, analyze, and report the results effectively.
  - **Best Fit Alignment** - Enables you to fit straight lines or tangential curves horizontally through multiple selected points and dynamically display error residuals for each segment. This allows you to include or exclude specific points and apply custom weights.
  - **Convert to BIM Utilities** - Enables you to transform utility pipes and nodes into BIM utility objects.
  - **Set Line Direction by Elevation** - Enables you to select lines and set a direction based on their start and end elevation.

  Additionally, the ANZ toolbox features the following updated commands:

  - **Pavement Conformance Report** - Extrapolate a surface to use reference surfaces and surfaces containing boundaries.

- **Mapping Filters** - Search attribute values using the * wildcard character, or use the comparison operators <, >, <=, and >=. This enables you to filter numeric values based on a specified range or threshold.
- **Annotate Objects** - New placeholders were added for “all attributes” and “all attribute values,” and added an option to align a point label to its associated line segment.
- **Line Node Cleanup** - Use a tube filter on selected linework while limiting the distance left between removed nodes.
- **Batch Export** - Select multiple surfaces and layers, including groups. This makes it easier to add large numbers of layers to export files. We have also added the ability to export directly to Trimble Connect projects and added a CSV exporter.
- **Insert Legend Table** - CAD Block features are now displayed in the symbols table.
- **Rename Objects –** The Find and replace text option helps you rename objects.
- **Insert Vertices from Points** - Multiple lines can now be selected.
- **Adjust Level by Attribute** - Create a copy of the adjusted points at their original level and assign a new feature code to the copied points.
- **Map Feature Attributes** - Ignore objects that already have features assigned.

- **TBC Assistant [Beta]** - TBC Assistant has been enhanced. It now loads within TBC and can execute certain workflows in your project. You need internet access to use this feature; find the link on the **Support** tab. (See **TBC AI Assistant** in the help.)
- **New antenna support** - TBC now supports the following antennas:
  - CHC i83 Pro
  - CNTN3
  - EFIX eBase GNSS
  - Emlid Reach RS3
  - eSurvey E800
  - GeoMate GAT10 w/GMTC
  - GeoMate SG5
  - GeoMate SG7
  - GING30
  - GINTEC CY F90
  - Harxon HX-CGX611A
  - JAVRINGANT_3L GNSS
  - Kolida K7
  - Kolida K30 GNSS
  - Leica GS05
  - Leica GS07

- Leica GS15
- Septentrio PolaNt-x MF.v2
- SingularXYZ GNSS
- Sokkia GSX2
- STONEX SA1100
- STONEX SA1500 w/STXG
- Teria PYX.R1

  Find more information at https://www.ngs.noaa.gov/ANTCAL/.

- **ST30 Support** - Surveyors can now import jobs with measurements from the ST30 smart target, a combined smart prism and GNSS device that supports tilt compensation. Import and store raw tilt measurements (roll, pitch, and yaw) from JobXML files, display target orientation, and compute positions using tilt compensation.
- **Limit Box Keyboard Shortcuts** - We have introduced new limit box, vertical slice, and horizontal slice keyboard shortcuts to improve workflow efficiency, particularly when working with mobile mapping data. (See **Limit the Graphic View** in the help.)

Data Exchange and Management

- **FARO Premium is not supported** - Trimble does not support FARO Premium scanners with TBC or other Trimble products because Trimble has not received the updated API for the FARO .fls format. Users can choose to prevent the installation of the outdated .fls library through custom installation options.
- **Guided GIS Connection dialog** - A new GIS Connection dialog in **GIS > Connection** walks you through connecting to an ArcGIS portal or feature service. Enter a service URL and TBC detects the service type and whether sign-in is required. Public services use fewer steps; private services open your browser for sign-in. Portal connections continue to the map preview. (See **Manage GIS Connections** in the help.)
- **Convert a TBC project into a workspace** - You can now use the **Convert to Workspace** function on the Start Page to convert a TBC project into a workspace, which makes your project data available in the selected Trimble Connect project via the Trimble Desktop Utility (where you can also configure the workspace's data storage location). Your connected TBC project VCE file is removed from its original location, but its data is still available to you (as part of the Trimble Connect project) via the Connected Workspace and Connected Project Explorer commands in TBC. (See **Convert a TBC Project into a Workspace** in the help.)
- **Connected Project Explorer** - Use the **Connected Project Explorer** pane (docked next to your **Project Explorer)** to view and interact with any of your connected projects so you do not need to continually open and use the **Connected Workspace** dialog to exchange data between **TBC** and **Trimble Connect**. The **Connected Project Explorer** lets you quickly access project and data/file details from **Trimble Connect**. You can also import data directly using the **Connected Project Explorer** (to download data, use **Connected Workspace**). (See **Use the Connected Project Explorer** in the help.)

- **Create Field Data Assignment** - Use the **Create Field Data Assignment** command to generate and set up **Trimble Access** jobs using project data directly from within TBC. (See **Create a Field Data Assignment in Trimble Connect** in the help).
- **Exchange Building Data files with FieldLink** - You can now import and export Building Data files (.tflx). (See **Export Building Data Files** and **Import Building Data Files (.tflx)** in the help.)
- **Siteworks Support in Connected Workspace** - The Connected Workspace command provides seamless, round-trip data synchronization between TBC and field systems like Trimble Access and Trimble Perspective (or other project team members running TBC using their Trimble ID login credentials) via Trimble Connect. Within the Connected Workspace, you can now import Trimble Siteworks work orders; a work order in Siteworks is similar to a job in Trimble Access. (See **Share Projects and Data Using Connected Workspace** in the help.)

Survey and COGO

- **Updated Coordinate System Database v116** - Coordinate System Database v116 includes the following enhancements:
  - Added support for the modernized NSRS beta 2.
  - Added support for the Israel ILUM 2.0 geoid model.
  - Updated the displacement model for Japan JGD2011 to the 2026 version.
  - Updated OSTN15.sgf to use bi-linear interpolation for mm accuracy in the UK.
  - Renamed the "DHDN" datum grid file to reduce confusion.
- **Updated Coordinate System Database v117** - Coordinate System Database v117 includes the following enhancements:
  - Fixed the Modernized NSRS beta 2 in Guam and American Samoa.
  - Fixed the displacement model used with SPCS2022 beta2 zones.
  - Updated the Geoid model for Latvia to use LV14_2020 with zones LKS-2020 & LKS-92 to LKS-2020.
  - Updated DB_REF datum to use realization ETRS89-DREF91(R25) at epoch 2021.48.
  - Added support for the new Mexican Geoid Model 2025.
- **Updated Coordinate System Database v118** - Coordinate System Database v118 includes the following enhancements:
  - Added support for the modernized NSRS beta 3.
  - Added support for Thailand.
  - Fixed the name of Malaysian vertical datum.
  - Improved RTX support in Greece.
- **RINEX 4.02 support** - TBC can import and process files from the latest RINEX version 4.02.
- **Kinematic baseline processor enhancements** - The kinematic baseline processor has been enhanced, giving land surveyors improved results when measuring difficult environments. This improvement also features **Trimble IonoGuard** protection against ionospheric disturbances.

- **Improvements to VRS-created static data** - There have been several improvements to VRS-created static data (see **Check in Raw GNSS Data** in the help).
  - TBC now automatically identifies VRS reference station files, provided that the files are in Trimble T0x format.
  - The maximum VRS baseline length has been increased to two kilometers by default.
  - VRS baselines that are longer than the maximum length are deselected by default in the **Process Baselines** dialog.
- **Improved RTX-PP Post Processing coordinates** - TBC can import and process files from the latest version of RTX-PP. The Trimble RTX Post-Processing (RTX-PP) Web service computes the absolute position of points (with centimeter accuracy) contained in static occupation data files and imports them as GNSS positions that you can view in the Properties pane. (See **Compute Positions Using RTX Post-Processing** in the help.)

CAD and Linework

- **Search in the Project Explorer** - Click the magnifying glass in the **Project Explorer** to open the new **Search** feature**.** This powerful tool instantly filters the project tree to show only matching items and their parents. The search is case-insensitive and supports wildcard patterns using *. (see **Project Explorer** in the help).
- **Dropdown Menus in the Status Bar** - The Status Bar now features several dropdown menus, enabling you to pick a **Snap** set, one of several **Background Map** options (if available), and to set the **Scale** for Plan Views. (See **Status Bar** in the help.)
- **Standardized Windows keyboard shortcuts** - TBC now allows standard Windows shortcuts, such as Ctrl+A, Ctrl+C, and Ctrl+V, to be processed by text-based controls and the graphics window. For example, depending on the cursor focus, you can copy either a selected section of text or the objects currently selected in the graphics view. (See **Keyboard Navigation** in the help.)
- **Toggle the Command Pane Lock/Unlock button with F2** - Use the F2 key to toggle the **Command Pane Lock** (the lock at the top of the Command pane) to access the Properties and context menu functions in the graphics view without closing the Command Pane. (See **Set Command Shortcuts** in the help.)
- **3D Grips in 3D View** - Graphic objects now have grip points in 3D Views. To manipulate an object in 3D, click the grip once, then click the snap point where you want it placed. Free-hand dragging remains available in the Plan View. (See **Move and Modify CAD Objects Using Grips** in the help.)
- **Coordinate Display with Elevation** - The **Coordinate Display** and the **Coordinate Scroll** windows now show elevations when snapping to 3D objects.
- **Magnetic Snaps** - When a snap marker is highlighted in the graphics view, the crosshair now centers on the highlighted coordinate. To switch this off, go to **Options > General >Display**. (See **Set Running Snap Modes** in the help.)

- **Labels on the Layer of the Labeled Object** - We have changed the label UI to make an existing functionality more transparent. If you selected Layer 0, labels were created on the layer of the labeled object. Layer 0 has now been replaced by <<By Labeled Objects>>. If a label style used layer 0 in versions prior to 2026.20, the default layer for those styles becomes <<By Labeled Objects>>. TBC now handles this setting consistently in all applications, for example, labels created in Feature Processing. (See **Create and Edit Label Styles, Create Polygon Layers, Create Point Layers**, and **Create Line Layers** in the help.)
- **Label Style Enhancements** - The **Label Style Manager** and **Label Table Style Manager** now remember the last tab you used (Line Styles, Point Styles, or Polygon Styles). When you reopen the dialog, it automatically returns to that tab. Additionally, the **Label Style Manager** now shows a confirmation dialog if there are still pending items when you click **OK**, helping prevent accidental loss of your changes. (See **Create and Edit Label Table Styles** and **Create and Edit Label Styles** in the help.)
- **Line Length preview enhancement** - A measurement (length) of the line segment is now displayed next to the cursor for all distance and offset controls, such as Trim/Extend, Create Circle, Offset Line, and Three-Point Rectangle. (See **Trim and Extend Lines**, **Create a Circle**, **Offset a Line**, and **Create a Rectangle from Three Points** in the help.)
- **Right-click to insert Linestrings and Polylines** - You can now right-click to use the **Insert Line Segment** command to insert a new segment into a linestring or polyline. (See **Insert a Segment into a Linestring or Polyline** in the help.)
- **CAD file Import Automatic Scale Detection** - When importing CAD (.dwg/.dxf) files, TBC now inspects each file for unit markers such as the INSUNITS variable and selects the appropriate unit (for example, meter or foot). You can override TBC's determination and set the scale unit yourself. When you drag and drop a CAD file, TBC applies the detected unit automatically. (See **Import CAD Files (.dxf/.dwg)** in the help.)
- **Layer Selection by Keys** — Layer controls now respond more reliably to keyboard navigation. Press the down arrow or start typing filter characters to open the list, then use the up and down arrows to move through it. Selecting a layer by picking an object in the graphic view has been restored; click in the Layer field, then pick an object to open its layer. (See **Create and Edit a Layer** in the help.)
- **Capture Outlines in the Cutting Plane View** - **Capture Outlines**, used to digitize buildings from a point cloud, has been upgraded to work in the **Cutting Plane View**. Use it to capture facades and other objects in 3D. (See **Capture Outlines from Measured or Scanned Points** in the help.)
- **Copy/Paste from the Cutting Plane View** - TBC now enables you to copy vector data from the Cutting Plane View and paste it into the Plan View. TBC automatically lays the copied geometry flat and positions it exactly like the tilted cutting plane – no manual rotation needed. If you select a point cloud in the Cutting Plane View, you can optionally generate an orthophoto and paste it into the Plan View. (See **Cutting Plane View** and **Copy/Paste** in the help.)
- **Add a dynaview from the Plan View or the Cutting Plane View** - When your project contains cutting planes, clicking **Add dynaview** in the Sheet View gives you the option to choose the dynaview frame **from Plan View** or **from Cutting Plane View**. (See **Create a Dynaview** in the help.)
- **Append Plan Set Sheets to a PDF** - When printing plan sets to PDF, you can now append newly printed sheets to an existing PDF. This enables you to build a complete plan set document over multiple print runs without losing earlier pages. Note that the print runs must use the same format. (See **Print Sheets from a Plan Set** in the help.)

- **Save Print Plan Sets to Connected Workspace** - The Print Plan Set command now offers a **Remote** save button that uploads the generated PDF to Connected Workspace instead of saving it locally. (See **Print Sheets from a Plan Set** in the help.)
- **Use the Print by Selection command in 3D View** - You can now use the Print by Selection command to print a specific selected area from the 3D View. Select the printout resolution to ensure high-quality prints, even when using a small selection of the view. (See **Print Plan View** in the help.)
- **Print Column in Advanced View Filters** — Advanced View Filter Settings now include a Print column for layers, so you can turn printing off for a filter while the data stays visible in the Plan View. This is useful for elements like boundaries that need to print on one plan but not another. (See **Advanced View Filter Settings** in the help.)
- **Display Order in Sheet View** - You can now control the stacking order of Sheet objects (dynaviews, title blocks, north arrows, scale bars, label tables, images, text, and CAD linework) and allow them to hide other data behind them. Three new features enable this:
  - Every Sheet object now has a **Display Priority** property that determines which objects draw on top.
  - Dynaviews, label tables, raster images, and scale bars now have background options that let them obscure whatever sits behind them.
  - The new White (fixed) color always draws white on screen and on paper, instead of flipping to black on light backgrounds. Use it to create white hatches behind blocks and titles.

    (See **Create a Dynaview** and **Linestring Options** in the help.)
- **Offset lines** - You can now create offset lines on both sides of a selected line at once. (See **Offset a Line** in the help.)
- **View Filter Manager Enhancement** - Toggle **Hide empty layers** in the context menu to show or hide empty layers. (See **View Filter Manager Options** in the help.) Also, **Advanced View Filter Settings** now has a Print column for layers. This enables you to print a single View Filter without changing the layer's global setting in **Layer Manager**. (See **Advanced View Filter Settings** in the help.)

Point Clouds

- **Manually add PCI conditions** - TBC now allows you to manually add asphalt cracking conditions, including Alligator, Transversal, Longitudinal, and other cracking (see **Inspect Pavement Condition** in the help.)
- **Generate a JSON ramp analysis report** - You can now generate the ramp analysis report as a JSON file as well as a PDF. The JSON includes all the metadata, questionnaire answers, and measurements. Easily convert ramp analysis deliverables into agency specific reporting templates using the JSON report. (See **Create a Ramp and Run an ADA Ramp Compliance Report** in the help.)
- **Manually edit Jointed Concrete PCI** - Use the **Manual Condition** tab to manually define conditions for concrete slabs, which enables you to incorporate missed conditions during automatic analysis of the PCI score. (See **Inspect Pavement Condition** in the help.)

- **Updated Workflow for Milling and Paving Best-Fit Design** - Automatically create design models for 3D machine control systems, based on existing roadway surfaces. Use this workflow to find the smoothest longitudinal line while minimizing the total cut and fill. This enables you to easily achieve the minimum removal depth the task requires. (See **Create a Milling and Paving Surface** in the help.)
- **Updated Indoor Point Cloud Classification** - Use the **Classify Point Clouds** command to classify finished indoor construction and mechanical rooms. (See **Classify Point Clouds** in the help.)
- **Pavement Inspection Report** - You can now use the **Pavement Inspection Report** command to perform airport pavement analysis automatically. Pavement inspection for airports evaluates airport pavement conditions and provides an output as a report with results for:
  - Sample unit distresses with their attributes
  - Sample unit PCI rating and score

  (See **Run a Pavement Inspection Report** in the help.)

Photogrammetry

- **Support for DJI M4D and DJI L3 drone baseline processing** - TBC now supports the DJI M4D and L3 drones for baseline processing. (See **Understanding Aerial Photogrammetry Data** in the help).
- **Points to Cloud Report** – Use the Points to Cloud Report to compare points to a point cloud region or scan to determine the nearest scan point to the selected point. Now you can access the Points to Cloud Report on the **Photogrammetry > Reports** ribbon. (See **Run a Points to Cloud Report** in the help.)
- **Automatically import large aerial photogrammetry files** - TBC now enables you to automatically import large aerial photogrammetry result files, which can take a long time to process. You can process large files overnight, so the data will be imported when you return. (See **Create Aerial Photogrammetry Deliverables** in the help.)
- **Generate Orthomosaics as a single file or tiles** - You can now generate orthomosaics from photogrammetry data as either a single file, or as multiple tiles. (See **Create Aerial Photogrammetry Deliverables** in the help.)

Scanning

- **Export from X Series Scanners:** We have introduced new E57, RCP, and PTX structured export capabilities, which enables full scan exports complete with color data.
- **Accelerated TDX Import:** TDX file imports have been significantly accelerated, achieving up to 3x faster processing times on large projects (800 or more scans), with performance gains scaling according to the dataset size.
- **RCP Export Performance:** We have restored RCP export performance to optimal speeds.

Mines

- **Export 3D Mesh outputs** - Export the output from the **Create 3D Mesh** command as either .dxf or .dwg files. (See **Create a 3D Mesh** in the help.)

Surfaces

- **Compute using grid** - You can now use a grid method for calculating a cut/fill map, which speeds up the calculation by sampling the surface at set intervals instead of at every vertex. Then, define the grid size in project units (defaults grid sizes are 5.0' (Imperial) and 2.0 meters (metric).

  This method is also used for the **Earthwork Summary Report** to approximate surfaces with a mesh of squares, rather than surface triangles.

Takeoff

- **Takeoff Report volume rounding** - If you have volumes set to round to the nearest value in Project Settings and/or the **Material and Site Improvement Manager** (combination of Volume Unit rounding and material rounding in the MSIM), that rounding will be noted (e.g., "Volumes rounded to nearest: 10 yd^3") at the top of the Custom Takeoff Report and the Earthwork Summary Report to prevent confusion about volume discrepancies.

Mobile Mapping

- **Import, Process and Export Viametris MS-96 Data -** The MS-96 system is a mobile scanner that operates using SLAM (Simultaneous Localization And Mapping) technology for indoor (pedestrian) and outdoor (pedestrian and vehicle-based) data collection.
  - **Import and Data Processing** - You can import data via drag-and-drop or the importer tool, using archive files (.aar) or raw data.
    - For indoor pedestrian profiles, the data is automatically processed during the import, computing the odometric trajectory and loop closure with default settings.
    - For outdoor pedestrian and automotive profiles, you must set up a CRS and import a Base Station; TBC processes the GNSS trajectory and uses it to compute GNSS constraints and loop closures.

      A hidden working directory is created inside the TBC project folder for imported and processed data.
  - **Working Modes and Visualization** - TBC operates in two dynamic working modes, **Processing** and **Production**, which dynamically adapt the **Project Explorer** and the ribbon commands to the current task.
    - **Processing Mode (Preview)**: Activated after import/processing, this mode is for visualization and handles preview data. In the **Project Explorer**, missions contain acquisition runs, each with the trajectory and the processing scan.
    - **Production Mode (Generated Data)**: Activated after scans (RWCX) have been generated, this mode works with TBC entities. The **Project Explorer** shows the production scan and run views.

- **Registration** - This allows you to refine scan alignment by adding **Relative** or **GCP** constraints. Constraints can be added via Semi-automatic matching (selecting matching blocks, available only in 3D mode) or Manual matching (precise point clicking), with options for 3D, Horizontal, or Vertical matching modes. The process involves a spreadsheet to list pairs, and applying the registration minimizes the trajectory with the new constraints, updating the single existing trajectory version.
- **Data Generation and Export** - This includes workflows such as scans and images creation, and mask creation and editing for both scans and images (either for colorizing scans or blurring images), and final data export (specifically to Trimble TMX) or publishing to Trimble Connect.

- **Process Raw Trajectory Data** - The tool now includes **POSPac Complete** advanced technologies. Top features include:
  - **IN-Fusion+ PP-RTX**: An aided-inertial processing mode that uses Trimble CenterPoint RTX technology to provide centimeter-level post-processed positioning without a local reference station. Its inertial-centric architecture maintains trajectory continuity through GNSS-challenged environments.
  - **IonoGuard**: Frequency-agnostic ionospheric scintillation mitigation that addresses degraded GNSS performance during the current solar maximum. Now supported in both Single Base and PP-RTX modes, IonoGuard reduces position errors caused by ionospheric activity from meter-level to centimeter-level, expanding the reliable operational window for data collection.
  - **Performance Improvements**:
    - Improved accuracy in IN-Fusion+ modes.
    - Improved IN-Fusion+ PP-RTX 2 sigma 3D positioning performance by up to 44% for urban canyon applications using a new GNSS outlier detection algorithm (white paper).
  - **LiDAR QC**:
    - Added support for scan point thinning for Trimble MX products to improve speed and RAM usage.
    - Improved performance and stability for Riegl RXP data.

BIM

- **Trimble® Business Center Buildings Edition** - This new TBC module is a set of engineering tools for vertical construction: field data preparation, field data processing, analysis, reporting, and basic CAD workflows in one place; it is FieldLink Office and more!

  Buildings Edition ships at TBC 2026.20 as two subscription levels:

  - Core is layout workflows start to finish — data prep, processing, and final deliverables.
  - Pro is that same layout story plus scanning - point cloud processing, QA/QC, scan analysis and reporting.

  Core and Pro are subscription levels, not part of the product name.

  Requirements:

  - Trimble Business Center 2026.20.

- Subscription only. There is no perpetual option.
- Sold exclusively through BuildingPoint.
- Two subscription levels: Core, and Pro (Core plus scanning).

Connected Workspace:

Connected Workspace is in Core and Pro. Managers prep models, create jobs in TBC, and assign them to named field users; the crew taps Sync on the controller. Jobs move through Trimble Connect.

TBC Buildings natively ingests and exports .TFLX files — file format used and generated by FieldLink users and complementing Trimble Field Points plugins for AutoCAD and Revit. Buildings Edition also consumes Trimble Access and Trimble Siteworks field data.

Tabs common to Core and Pro, and the Point Clouds tab that Pro adds: File, Home, Views, BIM, Drafting, and Support are the default tabs offered in TBC. Layout and Point Clouds are customized. Additional tabs available with TBC Buildings subscription which are not shown by default: Linework, Survey, GIS, CAD, Surfaces, Reports.

Known limitations:

- Point Conformance Report takes tolerances in metres only.
- FF/FL workflows not available with TBC Buildings 2026.20 release.

For more information, see the bulletin called **Trimble® Business Center Buildings Edition** in the **TBC Community** or contact your Trimble channel performance manager or sales representative. For product questions, contact BCFS Support at FTGSupport@Trimble.com FTGSupport@Trimble.com.

Field data

- **Siteworks Support in Connected Workspace** - The Connected Workspace command provides seamless, round-trip data synchronization between TBC and field systems like Trimble Access and Trimble Perspective (or other project team members running TBC using their Trimble ID login credentials) via Trimble Connect. Within the Connected Workspace, you can now import Trimble Siteworks work orders; a work order in Siteworks is similar to a job in Trimble Access. (See Share Projects and Data Using Connected Workspace in the help.)
- **Exchange Building Data files with FieldLink** - You can now import and export Building Data files (.tflx). (See **Export Building Data Files** and **Import Building Data Files (.tflx)** in the help.)

Utility

- **Reuse a Utility Trench Template** - You can now export a trench template as a Trench template transfer file (.vcltt) so that you or a colleague can reuse it by importing it into another project, thereby speeding up your design work. (See **Manage Trench Templates** in the help.)

Third-party tools

- **Import JobXML 6.35 from Trimble Access** - TBC can now import JobXML v6.35 from Trimble Access, which adds a new Gridline Station Setup. In a Gridline Setup, the instrument is set up by measuring points on two known design gridlines, instead of using traditional control points.
- **Updates to Cloud Services** - Settings and pano image exports are now stored in Trimble File Service. Pano image exports will be retained for 12 months from their creation time. This change affects current and previous TBC releases. You should not see any changes to your normal workflow.
- **ArcGIS Connection** - TBC now provides an easy way to connect and browse your Esri services in ArcGIS Online and ArcGIS Enterprise as a map-based portal experience. The new connection wizard simplifies the process by automatically identifying service types and security requirements, allowing you to focus on your data instead of configuration. (See **Manage GIS Connections** and **Set up an External Standard Layering Convention** in the help.)

Important notes and known issues

See the TBC Help for a complete, up-to-date list of important notes and known issues related to TBC.

- **Trimble Connect UK Support:** Trimble Connect support for the UK has been postponed. You cannot currently select the UK region when exchanging field data between TBC and Trimble Connect for these Connected Workspace functions/data:
  - Workspace
  - Trimble Mobile Mapping data
  - Trimble Access data
  - Publish to TRCPS

System requirements

Microsoft operating system:	Windows 11 (64-bit version)
Processor:	Dual-core 1.80 GHz or better minimum
	Quad-core 3.0 GHz or better recommended (additional cores with hyper-threading support highly recommended for Aerial Photogrammetry and Scanning modules)
	Intel Core Ultra 9 285K or equivalent for large Mobile Mapping data sets (for example, eight runs totaling 75 kilometers)
Random access memory (RAM):	4 GB or more recommended
	32 GB minimum, 128 GB or more recommended for Aerial Photogrammetry and Scanning modules
	192 GB DDR5 for large Mobile Mapping data sets (for example, eight runs totaling 75 kilometers). LIDARQC run alignment process requires a high amount of memory for alignment of large projects. If only processing

	MX50 or MX60 data, smaller amounts of RAM are sufficient, but 128 GB would still be recommended.
Hard disk space available:	50 GB or more recommended
	100 GB or more on solid-state drive required for Aerial Photogrammetry, Mobile Mapping, and Scanning modules
	The recommended SSD overall hard drive capacity is 2 TB or more for Aerial Photogrammetry and Scanning modules
	Storage: 12TB 7200rpm or higher HDD or SATA SSD for large Mobile Mapping data sets (for example, eight runs totaling 75 kilometers)
	Boot: Samsung 9100 Pro M.2 NVMe (or equivalent) for large Mobile Mapping data sets (for example, eight runs totaling 75 kilometers)
Monitor:	1280 x 1024 or higher resolution with 256 or more colors (at 96 DPI)
I/O Ports:	USB 2.0 port required if HASP hardware key is used
Graphics:	DirectX 11 compatible graphics card with 512 MB memory or more
	OpenGL version 3.2 or later required when working with point cloud data (latest version recommended)
	10 GB or higher graphics card (for example, NVIDIA Quadro P4000) recommended when working with Aerial Photogrammetry and Scanning modules
	NVIDIA RTX 5080 16GB GDDR7 or higher for large Mobile Mapping data sets (for example, eight runs totaling 75 kilometers)
	Note: 6 GB or higher NVIDIA graphics card with CUDA compute capability (5.0 or higher) required when working with point cloud classification.
	Note: If you are using a laptop computer with both an integrated (on board) graphics card and a discrete NVIDIA graphics card enabled via Optimus technology, your computer must allow you to select to disable the integrated graphics card and use only the discrete graphics card when working with point cloud data. See **Disabling a laptop integrated graphics card** in the **Important Notes** topic in the TBC Help.

Important!

It is critical that you keep your graphics driver(s) updated if you are working with point cloud data.

Whether your computer has one or multiple graphics cards installed, you must ensure each has been updated with the latest driver provided by the card's manufacturer. The best way to determine if your driver needs to be updated and, if so, perform the update is to visit the card manufacturer's website. For more information, see **Update and Configure Your Graphics/Video Driver** in the online Help.

(If, instead, you decide to update your driver using the Windows Device Manager and the "Search automatically" option, the program may suggest using a Microsoft-approved WHQL version of the driver. However, to ensure you have the latest bug fixes and new features for your graphics card, it is recommended that you use the latest manufacturer version instead.)