



Workflow Matrix

Trimble Business Center v5.80 Software

Editions

Each Trimble® Business Center (TBC) Edition is designed to support a set of related workflows:

- **Viewer (Unlicensed):**
Import + review field data, view projects, + export to Trimble field devices + software.
- **Field Data Edition:**
Export third-party field data, perform basic CAD functions, complete data quality control, + work with level data.
- **Surface Modeling Edition:**
Basic point cloud management, create + edit surfaces + alignments, cut/fill maps, + earthwork reports.
- **Survey Intermediate Edition:**
GNSS post-processing, network + traverse adjustments, site calibrations; work with background images, labels, + dimensions.
- **Survey Advanced Edition:**
Work with Trimble VISION™ data, create plan sets, process cadastral data, leverage full COGO + corridor routines.
- **Site Modeling Edition:**
Convert + elevate 2D geometry into 3D for field operations; cleanup project data.
- **Site Construction Edition:**
Compute site mass haul + site takeoff computations, linear quantities, layer depths, + material volumes.
- **Infrastructure Construction Edition:**
Parametric intersection, interchange, + ramp designs with corridor mass haul quantities + volumes.



Blue text denotes new or enhanced v5.80 features.

Workflow / Feature	Viewer	Field Data	Surface Modeling	Survey Intermediate	Survey Advanced	Site Modeling	Site Construction	Infrastructure Construction
12D Import + Export	x	x	x	x	x	x	x	x
Calibrate Laser Scanners	x	x	x	x	x	x	x	x
Coordinate System Management	x	x	x	x	x	x	x	x
Create WorksOS Project	x	x	x	x	x	x	x	x
Feature Definition Manager	x	x	x	x	x	x	x	x
Feature Library Creation, Editing, + Export	x	x	x	x	x	x	x	x
GNSS Online Planning	x	x	x	x	x	x	x	x
Publish Designs to WorksManager	x	x	x	x	x	x	x	x
Publish to WorksOS	x	x	x	x	x	x	x	x
Quadri Connector	x	x	x	x	x	x	x	x
Selection Sets + Selection Explorer	x	x	x	x	x	x	x	x
Trimble Clarity Publishing	x	x	x	x	x	x	x	x
Trimble Field Data Import + Export	x	x	x	x	x	x	x	x
Trimble SiteVision Export	x	x	x	x	x	x	x	x
Trimble SketchUp Import + Export	x	x	x	x	x	x	x	x
Trimble Sync Manager	x	x	x	x	x	x	x	x
Trimble VisionLink Import + Export	x	x	x	x	x	x	x	x
View Survey + Construction Raw Data	x	x	x	x	x	x	x	x
Web Map Service	x	x	x	x	x	x	x	x
WorksManager Work Order	x	x	x	x	x	x	x	x
WorksOS	x	x	x	x	x	x	x	x
Basic CAD + COGO Tools		x	x	x	x	x	x	x
Data Spreadsheets		x	x	x	x	x	x	x
Detect Crossing Geometry		x	x	x	x	x	x	x
ESRI Shapefiles Import + Export		x	x	x	x	x	x	x
Feature Code Processing		x	x	x	x	x	x	x
Google Earth Export		x	x	x	x	x	x	x
IFC Georeference + Export		x	x	x	x	x	x	x
Level Data Import + Adjustment		x	x	x	x	x	x	x
Local Site Creation + Settings		x	x	x	x	x	x	x
Optical Data Processing		x	x	x	x	x	x	x
Site Calibration + Reporting		x	x	x	x	x	x	x
Third-Party Data Exports		x	x	x	x	x	x	x
TopoDOT Export - Terrestrial Scan Data		x	x	x	x	x	x	x
Total Station Editor		x	x	x	x	x	x	x
Alignment Creation + Editing			x	x	x	x	x	x
Earthwork Reports			x	x	x	x	x	x
Point Cloud Viewing + Sampling			x	x	x	x	x	x
Points from CAD Creation			x	x	x	x	x	x
Surface + Stored Cross-Section Reports			x	x	x	x	x	x
Surface Contour Creation			x	x	x	x	x	x
Surface Creation + Editing			x	x	x	x	x	x
Add Reference File				x	x	x	x	x



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Workflow / Feature	Viewer	Field Data	Surface Modeling	Survey Intermediate	Survey Advanced	Site Modeling	Site Construction	Infrastructure Construction
ALTA Relative Precision Report				X	X	X	X	X
Background Maps Display				X	X	X	X	X
Customized Reports				X	X	X	X	X
Dimensions + Annotations				X	X	X	X	X
Dynamic Label + Table Creation				X	X	X	X	X
Export .GVX files to NGS' OPUS Projects				X	X	X	X	X
Georeference PDFs				X	X	X	X	X
GNSS Baseline Processing				X	X	X	X	X
Grid + Ground Distance Labels				X	X	X	X	X
Image Tools				X	X	X	X	X
Network Adjustments				X	X	X	X	X
Traverse Adjustments				X	X	X	X	X
Trimble RTX GNSS PP Service				X	X	X	X	X
3D PDFs Creation					X	X	X	X
Automated Cross-Section Plots					X	X	X	X
Create Sub-Template					X	X	X	X
Create Surface From Reference File					X	X	X	X
COGO + Survey CAD Commands					X	X	X	X
Corridor Design Tools					X	X	X	X
Cutting Plane View + Plane Manager					X	X	X	X
Dynamic Scale Bars					X	X	X	X
Dynaview Links to Model Space					X	X	X	X
History Log View					X	X	X	X
Legal Description Writer					X	X	X	X
Macros Creation + Application					X	X	X	X
Manual Camera Calibration					X	X	X	X
Merge Survey Projects					X	X	X	X
Mobile Mapping Data Import					X	X	X	X
Parcel + Map Check Routines					X	X	X	X
Plan + Sheet Sets Creation					X	X	X	X
Projected, Radial, + Vertical Surfaces					X	X	X	X
Rectified Image Creation					X	X	X	X
Side Slope Creation					X	X	X	X
Single + Double Proportioning					X	X	X	X
Subplanes Along a Path Creation					X	X	X	X
Superelevation Diagrams					X	X	X	X
TopoDOT Export - Mobile Mapping Data					X	X	X	X
Trimble VISION Support					X	X	X	X
Virtual DR					X	X	X	X
Data Prep Tools						X	X	X
Elevate Contours, Pads, + Lines						X	X	X
Machine Data Tools						X	X	X
Map Layers						X	X	X



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Workflow / Feature	Viewer	Field Data	Surface Modeling	Survey Intermediate	Survey Advanced	Site Modeling	Site Construction	Infrastructure Construction
Project Cleanup Tools						X	X	X
Surface Site Improvements						X	X	X
Variable Offset Lines						X	X	X
Vertical Design Tools						X	X	X
Corridor Boring Creation							X	X
Custom Takeoff Reports							X	X
Digitize + Extract Contours, Lines, + Pads							X	X
Digitize + Extract Cross-sections							X	X
Earthwork Summary							X	X
Identify Site Regions							X	X
Site Boring Creation							X	X
Site Mass Haul Creation + Analysis							X	X
Station / Offset View							X	X
Strata + Topsoil Area Tools							X	X
Validate Site Improvements							X	X
Corridor Mass Haul Creation + Analysis								X
Corridor Mass Haul Import + Export								X
Intersection Template Creation								X
Mass Haul to TILOS Export								X
Parametric Corridor Design Tools								X



Workflow Matrix

Trimble Business Center v5.80 Software

Modules

Each Trimble® Business Center (TBC) Module is designed to support a group of workflows around a single topic. The modules are add-ons to an edition.

- **Aerial Photogrammetry Module:** Process + create deliverables with Trimble + third-party UAS data in TBC + UASMaster.
- **ANZ Toolbox:** Use a variety of commands that support 12d Model and Australian Asset Design and As Constructed (ADAC) workflows.
- **Drilling Piling Dynamic Compaction Module:** Create drill plans + reports for Trimble DPS900 Machine Control Systems.
- **GIS Module:** Seamlessly integrate GIS data from Trimble Access™ + TerraSync™ software into TBC + connect to external GIS databases.
- **Mobile Mapping Module:** Process, register, + manage MX9 Mobile Mapping data; work with MX hardware calibrations.
- **MM MX9 Laser Correction Module:** Account + adjust for multiple-time around (MTA) laser effects in the MX9 Mobile Mapping hardware.
- **Monitoring Module:** Define movement alarms, visualize displacements in 3D, and create monitoring reports from any survey data.
- **Scanning Module:** Register + colorize SX10 + X7 data; classify regions, extract features, + create deliverables from SX10, X7, + 3rd party point clouds.
- **Tunneling Module:** Create + edit tunnel models for Trimble Access Tunnels + create customized as-built + geometry reports.
- **Utility Modeling Module:** Generate + visualize gravity, pressurized, + other utility runs in parametrical constrained trenches.



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Workflow / Feature	Aerial Photogrammetry	ANZ Toolbox	Drilling Piling Dynamic Compaction	GIS	Mobile Mapping	MM MX9 MTA Laser Correction	Monitoring	Scanning	Tunneling	Utility Modeling
Advanced UAS Adjustment	x									
Aerial Photo Station Adjustment	x									
Delair UX11 Support	x									
Extract Ground	x									
Hardware Agnostic Support in UASMaster	x									
Import UAS Data	x									
Orthomosaic, Point Cloud, + DSM Creation	x									
Point Cloud Ground Extraction	x									
senseFly eBee SODA Support	x									
UASMaster v9.x	x									
ADAC Import & Export		x								
ANZ Conformance Reports		x								
ANZ Surface Tools		x								
ANZ Data Investigation & Editing Tools		x								
12da File Import & Export		x								
ADAC Exporter		x								
ADAC Settings v5.01		x								
Export 12da File (Advanced)		x								
Import 12da File (Advanced)		x								
Import ADAC File		x								
Utility Node To BIM Object		x								
Compaction Plan + Report Creation			x							
DPS900 Import + Export			x							
Drill Plan + Report Creation			x							
Pile Plan + Report with Custom Pile Creation			x							
COR + SSF Data Support + Post-processing				x						
File Geodatabase Import + Export				x						
GIS Data Source Upload				x						
Map Metadata to Geodatabase				x						
Read GIS Data from Data Sources				x						
Schema into Feature Library Extraction				x						
Extract Classified Point Cloud Regions					x			x		
Generate PFIx					x					
Hardware Calibration Export					x					
LAS Export with Colorized Timestamp					x					
Mobile Mapping Point Clouds Creation					x					
MX50 Mobile Mapping Data Import and Registration					x					
MX9 Mobile Mapping Data Import and Registration					x					
POSPas SBET GNSS Trajectories Support					x					
Process Raw Trajectory Data					x					
Report on MX9 Mission + Registration					x					
Split MX9 Run					x					
Adjust MTA for MX9 Laser						x				
Assign Monitoring Project							x			



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Workflow / Feature	Aerial Photogrammetry	ANZ Toolbox	Drilling Piling Dynamic Compaction	GIS	Mobile Mapping	MM MX9 MTA Laser Correction	Monitoring	Scanning	Tunneling	Utility Modeling
Create Monitoring Points							x			
Import + Manage Monitoring Epochs							x			
Monitoring Points Spreadsheet							x			
Show Monitoring Chart							x			
Show Monitoring Report							x			
Sync Monitoring Project							x			
CAD Points from Scan Points Creation								x		
Extract Cross-sections From Point Cloud								x		
Extract Geometry								x		
Extract Point + Line Features From Point Cloud								x		
FARO Scan Data Import								x		
Filter Point Cloud								x		
Georeference Scan Data								x		
Orthophoto Images Creation								x		
Point Cloud Region Classification								x		
Point Features Extraction								x		
Scan Inspection								x		
TZF (Trimble TX6 + TX8) Data Import								x		
Assign Tunnel Convergence Points									x	
Create CAD Tunnel Cross-Sections									x	
Create Tunnel Inspection Map									x	
Create Tunnel Inspection Points									x	
Custom As-Built Tunnel Reports									x	
Design + As-Built Tunnel Mesh Creation									x	
Extract Classified Tunnel Regions									x	
Plan Sets with Tunnel Geometry Drafting									x	
Point Cloud to Tunnel As-Built Assignment									x	
Rebuild As-Built Tunnel Mesh									x	
Select Tunnel Points									x	
Setout Point Creation									x	
Trimble Access Tunnels Import + Export									x	
Tunnel As-Built Report (best-fit circle)									x	
Tunnel Convergence Report									x	
Tunnel Corridors Creation + Editing									x	
Tunnel Geometry Reports									x	
Tunnel Inspection Report									x	
Tunnel Inspection View									x	
Tunnel Set Outs As-Built Report									x	
Pipe + Utility Network Creation										x
Trench Templates + Surfaces Creation										x
Trench Template Manager										x
Utility Node Creation										x
Utility Shapes Customization										x
Utility Takeoff Reports										x

Disclaimer: Trimble reserves the right to change the licensing or make corrections to the program at any time through an update to Trimble Business Center and/or a correction to this list.

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