

Feature Matrix

TRIMBLE BUSINESS CENTER SOFTWARE

September 2017

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

- ▶ Viewer (Unlicensed): import field data, review data, and view projects
- ▶ Base Edition: export data to field, basic CAD, data quality control, and level data
- Intermediate Edition: GNSS post-processing, traverse and network adjustments, site calibration, and surfaces
- ► Advanced Edition: Trimble Vision™, automated plan set creation, cadastral survey, enhanced CAD drafting, and corridors

The following add-on modules are available:

- Advanced Drafting Module: Automated plan set creation, cadastral survey, and enhanced CAD drafting
- Aerial Photogrammetry Module: Work with Trimble UAS data in TBC and Trimble and third-party UAS data in UAS Master
- ▶ Data Prep Module: Turn 2D raster and vector PDF data into 3D vector deliverables
- ► GIS Module: Provides seamless integration of high-accuracy survey data from Trimble Access™ software into GIS
- ► Scanning Module: Register and colorize SX10TM data and classify, extract features, and create deliverables from SX10TM and third-party point clouds



Feature	Viewer	Base Edition	Inter mediate Edition	Advanced Edition	Advanced Drafting	Aerial Photo	Data Prep Module	GIS Module	Scanning Module
			Edition		Module	Module			
Field Data Import	✓	✓	✓	✓					
Data Viewing	✓	✓	✓	✓					
Feature Definition Management	✓	✓	✓	√					
Coordinate System Management Tools	✓	✓	✓	✓					
Internet Services (Access Services, TCC, PP)	✓	✓	✓	✓					
3D Data Visualization	✓	✓	✓	✓					
Spreadsheets and Advanced Reporting		✓	✓	✓					
Optical Data Processing		✓	✓	✓					
Basic CAD and COGO Tools		✓	✓	✓					
Local Site Settings		✓	✓	✓					
Automated Feature Code Processing		✓	✓	✓					
SketchUp Compatibility		✓	✓	✓					
Google Earth Tools		✓	✓	✓				<u></u>	
Data Export		✓	✓	✓					
Network Adjustment		✓	✓	✓					
GPS L1-only Baseline Processing		✓	✓	✓					



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CHIST SEARCH Processing Service	Traverse Adjustment	✓	✓				
SD Data Drie-Through	GNSS Baseline Processing	✓	✓				
State Calibration Tools	Trimble RTX GNSS Post-Processing Service	✓	✓				
Automated Libeling Surface Tools Contouring Tools Contouring Tools Contouring Tools Advanced Volume Calculations V	3D Data Drive-Through	✓	✓				
Surface Tools	Site Calibration Tools	✓	✓				
Contouring Tools	Automated Labeling	✓	✓				
Cut/FillMaps V <t< td=""><td>Surface Tools</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td></t<>	Surface Tools	✓	✓				
Advanced Volume Calculations Work with Blocks Labelling Tools Labelling Tools Panorama Processing and Image Deliverablos Point Cloud Management Tools Mobile Mapping Feature Extraction Tools Cadastral Tools Cardastral Tools Cornidor Design Tools Terrestrial Photogrammetry Tools Point Clouds from Trimble Vision History Log View Automated Point Creation at Intervals Merging Survey Projects Superelevation Diagrams Automated Point Creation at Intervals Merging Survey Projects Superelevation Diagrams Automated Cross Section Tools Legal Description Writer Create Plan Sals Work with Sheet Sets Automated Cross Section Tools Legal Description Writer Create Plan Sals Work with Dynaviews Line and Curve Tobles Scale Bar Management Orealing Labert Lines Plan Grid Manager Create COCOG Create OCOG Create OCOG Create OCOGO Create OCOGO Create OCOGO Create Of How Yew Yer	Contouring Tools	✓	✓				
Vork with Blocks	Cut/Fill Maps	✓	✓				
Laballing Tools Image Georeferencing Tools Panorama Processing and Image Deliverables Print Cloud Management Tools Cadastral Tools Cadastral Tools Corridor Design Tools Correate Plan Gent Creation at Intervals Correate Plan Sets Correate Plan Management Correate Plan Management Correate Corroate Corroate Planting Correate Plan Management Correate Corroate Corroate Planting Correate Corroate Corroate Corroate Planting Correate Oloro Correate Planting Correate Oloro Correate Oloro Correate Planting Correate Corroate Corro	Advanced Volume Calculations	✓	✓				
Image Georeferencing Tools Panorama Processing and Image Deliverables Point Cloud Management Tools Corridor Design Tools Corridor De	Work with Blocks	✓	✓				
Pandrama Processing and Image Deliverables	Labelling Tools	✓	✓				
Point Cloud Management Tools	Image Georeferencing Tools	✓	✓				
Mobile Mapping Feature Extraction Tools V	Panorama Processing and Image Deliverables	✓	✓				
Cadastral Tools ✓ ✓ ✓ Corridor Design Tools ✓ ✓ ✓ Ferrestrial Photogrammetry Tools ✓ ✓ ✓ Point Clouds from Trimble Vision ✓ ✓ ✓ History Log View ✓ ✓ ✓ Automated Dimensioning ✓ ✓ ✓ Automated Point Creation at Intervals ✓ ✓ ✓ Merging Survey Projects ✓ ✓ ✓ Superelevation Diagrams ✓ ✓ ✓ Advanced Cross-Section Tools ✓ ✓ ✓ Legal Description Writer ✓ ✓ ✓ Create Plan Sets ✓ ✓ ✓ Work with Sheet Sets ✓ ✓ ✓ Automated Cross-Section Plotting ✓ ✓ ✓ Custom Sheet Plotting ✓ ✓ ✓ Work with Dynaviews ✓ ✓ ✓ Line and Curve Tables ✓ ✓ ✓ Scale Bar Management <td>Point Cloud Management Tools</td> <td>✓</td> <td>✓</td> <td></td> <td></td> <td></td> <td></td>	Point Cloud Management Tools	✓	✓				
Corridor Design Tools -	Mobile Mapping Feature Extraction Tools		✓				
Terrestrial Photogrammetry Tools - <	Cadastral Tools		✓				
Point Clouds from Trimble Vision	Corridor Design Tools		✓				
History Log View	Terrestrial Photogrammetry Tools		✓				
Automated Dimensioning Y Section 1 Automated Point Creation at Intervals Y Section 2 Merging Survey Projects Y Section 3 Superelevation Diagrams Y Section 3 Advanced Cross-Section Tools Y Y Legal Description Writer Y Y Create Plan Sets Y Y Work with Sheet Sets Y Y Automated Cross-Section Plotting Y Y Custom Sheet Plotting Y Y Work with Dynaviews Y Y Line and Curve Tables Y Y Scale Bar Management Y Y Creating Leader Lines Y Y Plan Grid Manager Y Y Create COGO Y Y Create Othorectified Image Y Y Cutting Plan View Y Y Plane Definition Manager Y Y	Point Clouds from Trimble Vision		✓				
Automated Point Creation at Intervals ✓	History Log View		✓				
Merging Survey Projects ✓ <	Automated Dimensioning		✓				
Superelevation Diagrams Advanced Cross-Section Tools Legal Description Writer Create Plan Sets Work with Sheet Sets Automated Cross-Section Plotting Custom Sheet Plotting Work with Dynaviews Line and Curve Tables Scale Bar Management Creating Leader Lines Plan Grid Manager Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager V V V V V V V V V V V V V V V V V V V	Automated Point Creation at Intervals		✓				
Advanced Cross-Section Tools ✓	Merging Survey Projects		✓				
Legal Description Writer Create Plan Sets Work with Sheet Sets Automated Cross-Section Plotting Custom Sheet Plotting Work with Dynaviews Line and Curve Tables Scale Bar Management Creating Leader Lines Plan Grid Manager Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager V V V V V V V V V V V V V V V V V V V	Superelevation Diagrams		✓				
Create Plan Sets ✓ ✓ ✓ Work with Sheet Sets ✓ ✓ ✓ Automated Cross-Section Plotting ✓ ✓ ✓ Custom Sheet Plotting ✓ ✓ ✓ Work with Dynaviews ✓ ✓ ✓ Line and Curve Tables ✓ ✓ ✓ Scale Bar Management ✓ ✓ ✓ Creating Leader Lines ✓ ✓ ✓ Plan Grid Manager ✓ ✓ ✓ Create COGO ✓ ✓ ✓ Create 3D PDF ✓ ✓ ✓ Create Orthorectified Image ✓ ✓ ✓ Cutting Plan View ✓ ✓ ✓ Plane Definition Manager ✓ ✓ ✓ ✓	Advanced Cross-Section Tools		✓				
Work with Sheet Sets Automated Cross-Section Plotting Custom Sheet Plotting Work with Dynaviews Line and Curve Tables Scale Bar Management Creating Leader Lines Plan Grid Manager Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager	Legal Description Writer		✓	✓			
Automated Cross-Section Plotting Custom Sheet Plotting Work with Dynaviews Line and Curve Tables Scale Bar Management Creating Leader Lines Plan Grid Manager Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager V V V V V V V V V V V V V V V V V V V	Create Plan Sets		✓	✓			
Custom Sheet Plotting Work with Dynaviews Line and Curve Tables Scale Bar Management Creating Leader Lines Plan Grid Manager Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager	Work with Sheet Sets		✓	✓			
Work with Dynaviews Line and Curve Tables Scale Bar Management Creating Leader Lines Plan Grid Manager Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager V V V V V V V V V V V V V V V V V V V	Automated Cross-Section Plotting		✓	✓			
Line and Curve Tables Scale Bar Management Creating Leader Lines Plan Grid Manager Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager	Custom Sheet Plotting		✓	✓			
Scale Bar Management Creating Leader Lines Plan Grid Manager Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager	Work with Dynaviews		✓	✓			
Creating Leader Lines Plan Grid Manager Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager	Line and Curve Tables		✓	✓			
Plan Grid Manager Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager	Scale Bar Management		✓	✓			
Create COGO Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager	Creating Leader Lines		✓	✓			
Create 3D PDF Create Orthorectified Image Cutting Plan View Plane Definition Manager	Plan Grid Manager		✓	✓			
Create Orthorectified Image Cutting Plan View Plane Definition Manager V V V V V V V V V V V V V			✓	✓			
Cutting Plan View Plane Definition Manager V V V V V V V V V V V V V	Create 3D PDF		✓	✓	✓		
Plane Definition Manager	Create Orthorectified Image		✓	✓	✓		
	Cutting Plan View		✓	✓			✓
Virtual DR V	Plane Definition Manager		✓	✓			✓
	Virtual DR		✓				✓



UASMaster License			✓			
Advanced UAS			✓			
Create Orthomosaic, Pt Cloud, and Raster DSM			✓			
Automated Tie Point Adjustment			✓			
Adjustment with Ground Control Points			✓			
Create CAD Points from Scan Points			✓			✓
Smart Pick Feature Extraction Tools			✓			✓
Automatic Ground Extraction			✓			✓
Intensity Based Filtering			✓			✓
Sample Point Clouds			✓			✓
Project Cleanup				✓		
Standardize Layers				✓		
Import Raster and Vector PDF Data				✓		
Georeference Vector PDF Data				✓		
Elevate Contours Tools				✓		
Elevate Points, Lines, and Pads				✓		
Digitize Pads, Linestrings, and Contours				✓		
Establish a GIS data source connection					✓	
Extract a GIS schema and create an FXL file					✓	
Upload processed features to a GIS data source					✓	
Import/Export file geodatabases					✓	
Read GIS Data from data source					✓	
Map Metadata					✓	
Create Orthophoto Image						✓
Create Scan Station						✓
Georeference Point Clouds						✓
Scan Registration						✓
Automatic Point Cloud Region Classification						✓