

Command Matrix

Trimble Business Center v2024.10 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 features in v2024.10

Workflow / Feature	Viewer	Field Data	Surface Modeling	Survey Intermediate	Survey Advanced	Site Modeling	Site Construction	Infrastructure Construction
3D Preset Views	X	X	X	X	X	X	X	X
3D View Projection (Perspective vs. Ortho)	X	X	X	X	X	X	X	X
3D View Settings	X	X	X	X	X	X	X	X
About Trimble Business Center	X	X	X	X	X	X	X	X
Access Services	X	X	X	X	X	X	X	X
Accuracy Verification Test Reports	X	X	X	X	X	X	X	X
Add External Job Site Design	X	X	X	X	X	X	X	X
Add Mission	X	X	X	X	X	X	X	X
Archive Project	X	X	X	X	X	X	X	X
Back	X	X	X	X	X	X	X	X
Backward Planar View (Backward Camera View)	X	X	X	X	X	X	X	X
Batch Coordinate System	X	X	X	X	X	X	X	X
Bottom	X	X	X	X	X	X	X	X
Bring Forward	X	X	X	X	X	X	X	X
Bring to Front	X	X	X	X	X	X	X	X
Browse For Import File	X	X	X	X	X	X	X	X
CAD Command Line	X	X	X	X	X	X	X	X
Calibrate Laser Scanners	X	X	X	X	X	X	X	X
Center	X	X	X	X	X	X	X	X
Check for Updates	X	X	X	X	X	X	X	X
Cleanup Mobile Mapping Mission	X	X	X	X	X	X	X	X
Close Project	X	X	X	X	X	X	X	X
Colorize Scans	X	X	X	X	X	X	X	X
Command Pane	X	X	X	X	X	X	X	X
Compress/Email Field Data	X	X	X	X	X	X	X	X
Compute Project	X	X	X	X	X	X	X	X
Connected Community HCE	X	X	X	X	X	X	X	X
Connected Workspace	X	X	X	X	X	X	X	X
Convert Measure to Surface Point	X	X	X	X	X	X	X	X
Controller Manager	X	X	X	X	X	X	X	X
Convert CSV to FXL	X	X	X	X	X	X	X	X
Convert to RINEX	X	X	X	X	X	X	X	X
Coordinate Scroll	X	X	X	X	X	X	X	X
Coordinate System Manager	X	X	X	X	X	X	X	X
Copy Field Data to Data Card	X	X	X	X	X	X	X	X
Copy Field Data to USB Flash Drive	X	X	X	X	X	X	X	X
Copy Project Library to USB Flash Drive	X	X	X	X	X	X	X	X
Copy Work Order	X	X	X	X	X	X	X	X
Crack Display Settings	X	X	X	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
Create Job Site Design	x	x	x	x	x	x	x	x
Create WorksManager Design	x	x	x	x	x	x	x	x
Create WorksOS Project	x	x	x	x	x	x	x	x
Create Work Order	x	x	x	x	x	x	x	x
Cutting Plane View	x	x	x	x	x	x	x	x
Debug Selection	x	x	x	x	x	x	x	x
Define Command Shortcuts	x	x	x	x	x	x	x	x
Defined Views	x	x	x	x	x	x	x	x
Delete	x	x	x	x	x	x	x	x
Delete Work Order	x	x	x	x	x	x	x	x
Device Pane	x	x	x	x	x	x	x	x
Edit Limit Box	x	x	x	x	x	x	x	x
eLearning	x	x	x	x	x	x	x	x
End-User License Agreement	x	x	x	x	x	x	x	x
Exit	x	x	x	x	x	x	x	x
Explore Object	x	x	x	x	x	x	x	x
Export .12da 12D Format Files (Basic)	x	x	x	x	x	x	x	x
Export DC Road Format From Corridor	x	x	x	x	x	x	x	x
Export DC Road Format From Surface	x	x	x	x	x	x	x	x
Export DWG	x	x	x	x	x	x	x	x
Export DXF	x	x	x	x	x	x	x	x
Export Field Data (Trimble Machine Control)	x	x	x	x	x	x	x	x
Export GCS900 Excavator Profile Files	x	x	x	x	x	x	x	x
Export GCS900 Machine Avoidance Zone File	x	x	x	x	x	x	x	x
Export GCS900 Machine Jobsite Design	x	x	x	x	x	x	x	x
Export GCS900 Machine Site Map	x	x	x	x	x	x	x	x
Export Measure Codes Definition File (MCD)	x	x	x	x	x	x	x	x
Export Project Link Exporter VCL File	x	x	x	x	x	x	x	x
Export SIMA Format	x	x	x	x	x	x	x	x
Export SketchUp® .skp Files	x	x	x	x	x	x	x	x
Export Somero .nod Files	x	x	x	x	x	x	x	x
Export Survey Controller Job File	x	x	x	x	x	x	x	x
Export Survey Data Collector DC File	x	x	x	x	x	x	x	x
Export Survey Pro Job File	x	x	x	x	x	x	x	x
Export TDS Interlock (ilj) File	x	x	x	x	x	x	x	x
Export to Other CAD Applications	x	x	x	x	x	x	x	x
Export Trimble Access™ Job File	x	x	x	x	x	x	x	x
Export Trimble Access Road Strings	x	x	x	x	x	x	x	x



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Export Trimble Access RXL Road Templates	x	x	x	x	x	x	x	x
Export Trimble Data Exchange Format (TDEF) File	x	x	x	x	x	x	x	x
Export Trimble JobXML Field Software Format	x	x	x	x	x	x	x	x
Feature Definition Manager	x	x	x	x	x	x	x	x
Filter Line Markings	x	x	x	x	x	x	x	x
Flags Pane	x	x	x	x	x	x	x	x
Float View	x	x	x	x	x	x	x	x
Front	x	x	x	x	x	x	x	x
Go To Run Position	x	x	x	x	x	x	x	x
Help	x	x	x	x	x	x	x	x
Imaging Config	x	x	x	x	x	x	x	x
Import	x	x	x	x	x	x	x	x
Import .12da File (Basic)	x	x	x	x	x	x	x	x
Import .asc ASCII, TDEF, Raw Data, InRoads Hz and Vt Alignment Files	x	x	x	x	x	x	x	x
Import .cal Site Calibration Files	x	x	x	x	x	x	x	x
Import .dat DiNi Level Files	x	x	x	x	x	x	x	x
Import .dat STAR*Net Level Files	x	x	x	x	x	x	x	x
Import .eje MDT Hz Alignment Files	x	x	x	x	x	x	x	x
Import .inf Fast Survey Files	x	x	x	x	x	x	x	x
Import .pbj Rangefinder Laser Files	x	x	x	x	x	x	x	x
Import .raw (TDS, Nikon) Raw Data Files	x	x	x	x	x	x	x	x
import .sp3, sp3c precise ephemeris files	x	x	x	x	x	x	x	x
Import .xyz point Cloud Files	x	x	x	x	x	x	x	x
Import .xyz Point Cloud Files	x	x	x	x	x	x	x	x
Import ASCII CSV Files - PNEZD	x	x	x	x	x	x	x	x
Import ASCII CSV Files - Station, Offset, Elevation	x	x	x	x	x	x	x	x
Import Ashtech ProMark / ProFlex .crd Format	x	x	x	x	x	x	x	x
Import Ashtech ProMark / ProFlex .ddd Format	x	x	x	x	x	x	x	x
Import Autodesk DWG Format	x	x	x	x	x	x	x	x
Import Autodesk DXF Format	x	x	x	x	x	x	x	x
Import Bentley .icm.dgn iModel Files	x	x	x	x	x	x	x	x
Import Bentley Microstation dgn Files	x	x	x	x	x	x	x	x
Import Business Center - HCE .VCL Project Link Files	x	x	x	x	x	x	x	x
Import CaAiCE .txt Files	x	x	x	x	x	x	x	x
Import Cartomap .txt Files	x	x	x	x	x	x	x	x



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Import CLIP .alz Alignment Files	x	x	x	x	x	x	x	x
Import CLIP .plt Alignment Files	x	x	x	x	x	x	x	x
Import CLIP .trv Files	x	x	x	x	x	x	x	x
Import e57 Format	x	x	x	x	x	x	x	x
Import Fast Survey .sys Files	x	x	x	x	x	x	x	x
Import Format Editor	x	x	x	x	x	x	x	x
Import GCS900 .avoid Format	x	x	x	x	x	x	x	x
Import GCS900 .avoid.svl Avoidance Zone Files	x	x	x	x	x	x	x	x
Import GCS900 .cfg Coordinate System Files	x	x	x	x	x	x	x	x
Import GCS900 .dsp Format	x	x	x	x	x	x	x	x
Import GCS900 .mch Format	x	x	x	x	x	x	x	x
Import GCS900 .mch Measure Up Files	x	x	x	x	x	x	x	x
Import GCS900 .persist Format	x	x	x	x	x	x	x	x
Import GCS900 .pro Format	x	x	x	x	x	x	x	x
Import GCS900 .svd Files	x	x	x	x	x	x	x	x
Import GCS900 .svd Format	x	x	x	x	x	x	x	x
Import GCS900 .svl Files	x	x	x	x	x	x	x	x
Import GCS900 .svl Format	x	x	x	x	x	x	x	x
Import GCS900 .tsd Format	x	x	x	x	x	x	x	x
Import Geopak .xsr Cross Section Report File	x	x	x	x	x	x	x	x
Import HYDROpro .hpt Files	x	x	x	x	x	x	x	x
Import IFC Files	x	x	x	x	x	x	x	x
Import Inframodel .xml Files	x	x	x	x	x	x	x	x
Import InRoads .soe Files	x	x	x	x	x	x	x	x
Import IREDES .xml Tunnel and Drill Plan Files	x	x	x	x	x	x	x	x
Import ISPOL .ali Alignment Files	x	x	x	x	x	x	x	x
Import ISPOL .ras Vertical Alignment Files	x	x	x	x	x	x	x	x
Import ISPOL .sce and .sc1 Files	x	x	x	x	x	x	x	x
Import LandXML Format	x	x	x	x	x	x	x	x
Import LAS/LAZ Format	x	x	x	x	x	x	x	x
Import Measure Codes Definition File (.MCD)	x	x	x	x	x	x	x	x
Import MDT .ras Vertical Alignment Files	x	x	x	x	x	x	x	x
Import MDT .tra Files	x	x	x	x	x	x	x	x
Import Monitoring Epochs	x	x	x	x	x	x	x	x
Import MX GENIO .crd, .mos, .txt Files	x	x	x	x	x	x	x	x
Import NGS .ds Data Sheet Files	x	x	x	x	x	x	x	x
Import NGS .htm Data Sheet Files	x	x	x	x	x	x	x	x



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Import NGS OPUS .xml Files	x	x	x	x	x	x	x	x
Import Nikon Job File	x	x	x	x	x	x	x	x
Import Norway .KOF Files	x	x	x	x	x	x	x	x
Import Norway .tit Files	x	x	x	x	x	x	x	x
Import Novapoint .gen Files	x	x	x	x	x	x	x	x
Import Novapoint .vgp Files	x	x	x	x	x	x	x	x
Import PCS900 .persist Display Configuration Files	x	x	x	x	x	x	x	x
Import POD Format	x	x	x	x	x	x	x	x
Import PTS Format	x	x	x	x	x	x	x	x
Import PTX Format	x	x	x	x	x	x	x	x
Import RCP Format	x	x	x	x	x	x	x	x
Import REB .021 Files	x	x	x	x	x	x	x	x
Import REB .040 Files	x	x	x	x	x	x	x	x
Import REB .066 Files	x	x	x	x	x	x	x	x
Import REB .66 Files	x	x	x	x	x	x	x	x
Import Report	x	x	x	x	x	x	x	x
Import Report	x	x	x	x	x	x	x	x
Import SBG .geo Files	x	x	x	x	x	x	x	x
Import SBG .gt Files	x	x	x	x	x	x	x	x
Import SBG .lin Files	x	x	x	x	x	x	x	x
Import SBG .llc Files	x	x	x	x	x	x	x	x
Import SBG .lmd Files	x	x	x	x	x	x	x	x
Import SBG .nyl Files	x	x	x	x	x	x	x	x
Import SBG .prf Files	x	x	x	x	x	x	x	x
Import SBG .pxy Files	x	x	x	x	x	x	x	x
Import SBG .sec Files	x	x	x	x	x	x	x	x
Import SBG .skv Files	x	x	x	x	x	x	x	x
Import SCS900 .gcj Work Order Files	x	x	x	x	x	x	x	x
Import SCS900 .ini Site Settings File	x	x	x	x	x	x	x	x
Import SCS900 .spj Work Order Files	x	x	x	x	x	x	x	x
Import SCS900 .txt Work Order Results File	x	x	x	x	x	x	x	x
Import Sitepulse .epj Work Order Result Files	x	x	x	x	x	x	x	x
Import Sketchup .skp Files	x	x	x	x	x	x	x	x
Import Somero .nod Files	x	x	x	x	x	x	x	x
Import SOSI Format	x	x	x	x	x	x	x	x
Import Spectra® Geospatial Field Surveyor .asc Format	x	x	x	x	x	x	x	x
Import Spectra Geospatial Field Surveyor .dat Format	x	x	x	x	x	x	x	x



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Import Spectra Geospatial Field Surveyor .xml Format	x	x	x	x	x	x	x	x
Import Spectra Geospatial Field Surveyor ASCII Format	x	x	x	x	x	x	x	x
Import Spectra Geospatial Focus DL-15 Level Files	x	x	x	x	x	x	x	x
Import Survey Pro .job Format	x	x	x	x	x	x	x	x
Import Survey Pro .raw Format	x	x	x	x	x	x	x	x
Import Survey Pro .survey Format	x	x	x	x	x	x	x	x
Import Survey Pro .xml Format	x	x	x	x	x	x	x	x
Import TDS Interlock .ilj Format	x	x	x	x	x	x	x	x
Import Terramodel PRO Files	x	x	x	x	x	x	x	x
Import Trimble .dat GNSS Files	x	x	x	x	x	x	x	x
Import Trimble .dc Data Collector Files	x	x	x	x	x	x	x	x
Import Trimble .dc Site Calibration Files	x	x	x	x	x	x	x	x
Import Trimble .FXL Feature Code Library Files	x	x	x	x	x	x	x	x
Import Trimble .pav Paving Run Files	x	x	x	x	x	x	x	x
Import Trimble .RXL RoadXML Files	x	x	x	x	x	x	x	x
Import Trimble .tdx Data Exchange Files	x	x	x	x	x	x	x	x
Import Trimble .tsf Scanner Files	x	x	x	x	x	x	x	x
Import .TRB TrimBim Files	x	x	x	x	x	x	x	x
Import Trimble .ttm Surface Model Files	x	x	x	x	x	x	x	x
Import Trimble Access .dc Format	x	x	x	x	x	x	x	x
Import Trimble Access .job Format	x	x	x	x	x	x	x	x
Import Trimble Access .jxl Format	x	x	x	x	x	x	x	x
Import Trimble Access .rxl Format	x	x	x	x	x	x	x	x
Import Trimble Access .xml Format	x	x	x	x	x	x	x	x
Import Trimble Digital Fieldbook .dc Format	x	x	x	x	x	x	x	x
Import Trimble Digital Fieldbook .job Format	x	x	x	x	x	x	x	x
Import Trimble Digital Fieldbook .xml Format	x	x	x	x	x	x	x	x
Import Trimble GNSS .dat Format	x	x	x	x	x	x	x	x
Import Trimble GNSS .t00, .t01, .t02 Files	x	x	x	x	x	x	x	x
Import Trimble GNSS .t00/.t01/.t02 Format	x	x	x	x	x	x	x	x
Import Trimble Survey Controller .dc Format	x	x	x	x	x	x	x	x
Import Trimble Survey Controller .job Format	x	x	x	x	x	x	x	x
Import Trimble Survey Controller .jxl Format	x	x	x	x	x	x	x	x



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Import Trimble Survey Controller .rxl Format	x	x	x	x	x	x	x	x
Import Trimble Survey Controller .xml Format	x	x	x	x	x	x	x	x
Import Trimble Survey Manager .jxl Format	x	x	x	x	x	x	x	x
Import Trimble Survey Manager ASCII Format	x	x	x	x	x	x	x	x
Import Trimble Survey Pro .survey files	x	x	x	x	x	x	x	x
Import Wirth .yxz Files	x	x	x	x	x	x	x	x
Import Work Order Results	x	x	x	x	x	x	x	x
Import/Export User Options	x	x	x	x	x	x	x	x
Internal Select Mode	x	x	x	x	x	x	x	x
Invert Selection	x	x	x	x	x	x	x	x
Job Report Generator	x	x	x	x	x	x	x	x
Job Site Design Manager	x	x	x	x	x	x	x	x
Job Site Manager	x	x	x	x	x	x	x	x
Layer Group Manager	x	x	x	x	x	x	x	x
Layer Manager	x	x	x	x	x	x	x	x
Left	x	x	x	x	x	x	x	x
Left Mouse Pan	x	x	x	x	x	x	x	x
Left Mouse Rotate	x	x	x	x	x	x	x	x
Left Mouse Select	x	x	x	x	x	x	x	x
Left Mouse Zoom	x	x	x	x	x	x	x	x
License Manager	x	x	x	x	x	x	x	x
Material and Site Improvement Manager	x	x	x	x	x	x	x	x
Measure Angle	x	x	x	x	x	x	x	x
Measure Distance	x	x	x	x	x	x	x	x
Measure Distance CSV Report	x	x	x	x	x	x	x	x
Measure Point	x	x	x	x	x	x	x	x
Move to Next Tab Group	x	x	x	x	x	x	x	x
Move to Previous Tab Group	x	x	x	x	x	x	x	x
New 3D Drive View	x	x	x	x	x	x	x	x
New 3D View	x	x	x	x	x	x	x	x
New Batch Parameters	x	x	x	x	x	x	x	x
New Cross-Section View	x	x	x	x	x	x	x	x
New Default Project	x	x	x	x	x	x	x	x
New Feature Library	x	x	x	x	x	x	x	x
New Horizontal Tab Group	x	x	x	x	x	x	x	x
New Oblique Camera View	x	x	x	x	x	x	x	x
New Plan View	x	x	x	x	x	x	x	x
New Plan View (old architecture)	x	x	x	x	x	x	x	x



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New Profile View	x	x	x	x	x	x	x	x
New Project	x	x	x	x	x	x	x	x
New Station View	x	x	x	x	x	x	x	x
New Station View (referenced images)	x	x	x	x	x	x	x	x
New Vertical Tab Group	x	x	x	x	x	x	x	x
Office Synchronizer	x	x	x	x	x	x	x	x
OGC Service Manager	x	x	x	x	x	x	x	x
Online GNSS Planning	x	x	x	x	x	x	x	x
Open Project	x	x	x	x	x	x	x	x
Open Remote File	x	x	x	x	x	x	x	x
Options	x	x	x	x	x	x	x	x
Orthographic	x	x	x	x	x	x	x	x
Overexcavation Template Manager	x	x	x	x	x	x	x	x
Pan	x	x	x	x	x	x	x	x
Pan Precise	x	x	x	x	x	x	x	x
Perspective	x	x	x	x	x	x	x	x
Plane Manager	x	x	x	x	x	x	x	x
Planning	x	x	x	x	x	x	x	x
Polygon Select	x	x	x	x	x	x	x	x
Presentation Mode	x	x	x	x	x	x	x	x
Process SCS Work Order Symbols	x	x	x	x	x	x	x	x
Process View	x	x	x	x	x	x	x	x
Profile Viewer	x	x	x	x	x	x	x	x
Project Explorer	x	x	x	x	x	x	x	x
Project Settings	x	x	x	x	x	x	x	x
Properties	x	x	x	x	x	x	x	x
Publish Scan Data	x	x	x	x	x	x	x	x
Publish Designs to WorksManager	x	x	x	x	x	x	x	x
Publish Field Data To Business Data Center	x	x	x	x	x	x	x	x
Publish Field Data to Project Library	x	x	x	x	x	x	x	x
Publish Library to USB	x	x	x	x	x	x	x	x
Publish to Clarity	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
Quality Assurance Report	x	x	x	x	x	x	x	x
Reassign External Job Site Design	x	x	x	x	x	x	x	x
Reassign Work Order	x	x	x	x	x	x	x	x
Rectangle Select	x	x	x	x	x	x	x	x
Redo	x	x	x	x	x	x	x	x
Reference File View Filter Manager	x	x	x	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
Region of Interest	x	x	x	x	x	x	x	x
Right	x	x	x	x	x	x	x	x
Run Last Command	x	x	x	x	x	x	x	x
Run View (Panoramic View)	x	x	x	x	x	x	x	x
Save As Clone	x	x	x	x	x	x	x	x
Save File Remotely	x	x	x	x	x	x	x	x
Save Project	x	x	x	x	x	x	x	x
Save Project As	x	x	x	x	x	x	x	x
Save Project As Template	x	x	x	x	x	x	x	x
SBET Frame and Epoch	x	x	x	x	x	x	x	x
SCS Data Manager	x	x	x	x	x	x	x	x
Select All	x	x	x	x	x	x	x	x
Select by Layer	x	x	x	x	x	x	x	x
Select by Polygon	x	x	x	x	x	x	x	x
Select Points	x	x	x	x	x	x	x	x
Selection Explorer	x	x	x	x	x	x	x	x
Send Backward	x	x	x	x	x	x	x	x
Send to Back	x	x	x	x	x	x	x	x
Set Limit Box	x	x	x	x	x	x	x	x
Set Menu Layout	x	x	x	x	x	x	x	x
Side Planar View (Side Camera View)	x	x	x	x	x	x	x	x
SiteVision AR Exporter	x	x	x	x	x	x	x	x
Spectra Geospatial Origin Job File Exporter	x	x	x	x	x	x	x	x
Snap Mode	x	x	x	x	x	x	x	x
Start Page	x	x	x	x	x	x	x	x
Station View Image Filter	x	x	x	x	x	x	x	x
Stored Measurements Report	x	x	x	x	x	x	x	x
Surface Slicer View	x	x	x	x	x	x	x	x
Tile Sequence Viewer	x	x	x	x	x	x	x	x
Toggle Gridlines	x	x	x	x	x	x	x	x
Toggle Line Marking	x	x	x	x	x	x	x	x
Toggle Visibility	x	x	x	x	x	x	x	x
Toggle Z-Axis	x	x	x	x	x	x	x	x
Top	x	x	x	x	x	x	x	x
Tours and Tutorials	x	x	x	x	x	x	x	x
.track File Export	x	x	x	x	x	x	x	x
Trajectory Plots	x	x	x	x	x	x	x	x
Trajectory Settings	x	x	x	x	x	x	x	x
Trimble Access Services	x	x	x	x	x	x	x	x
Trimble Clarity	x	x	x	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
Trimble Maps None	x	x	x	x	x	x	x	x
Trimble Maps Satellite	x	x	x	x	x	x	x	x
Trimble Maps Street	x	x	x	x	x	x	x	x
Trimble Maps Terrain	x	x	x	x	x	x	x	x
Trimble Sync	x	x	x	x	x	x	x	x
Trimble Sync Manager™	x	x	x	x	x	x	x	x
Undo	x	x	x	x	x	x	x	x
User Profile Manager	x	x	x	x	x	x	x	x
View 3D Preset Last Used	x	x	x	x	x	x	x	x
View Camera Images	x	x	x	x	x	x	x	x
View Filter Manager	x	x	x	x	x	x	x	x
View Mission Trajectory (Toggle Trajectory)	x	x	x	x	x	x	x	x
Walk-Through	x	x	x	x	x	x	x	x
Web Map Service	x	x	x	x	x	x	x	x
WorksManager	x	x	x	x	x	x	x	x
WorksManager Design Manager	x	x	x	x	x	x	x	x
WorksManager Design Status	x	x	x	x	x	x	x	x
WorksManager Field Data to USB Drive	x	x	x	x	x	x	x	x
WorksManager Project	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
Work Order Editor	x	x	x	x	x	x	x	x
Work Order Report	x	x	x	x	x	x	x	x
Work Order Report	x	x	x	x	x	x	x	x
Work Orders Summary	x	x	x	x	x	x	x	x
Workflow Guides	x	x	x	x	x	x	x	x
Write FXL to CSV	x	x	x	x	x	x	x	x
Zoom	x	x	x	x	x	x	x	x
Zoom Extents	x	x	x	x	x	x	x	x
Zoom In	x	x	x	x	x	x	x	x
Zoom Out	x	x	x	x	x	x	x	x
Zoom Precise	x	x	x	x	x	x	x	x
Add/Remove Selection		x	x	x	x	x	x	x
Advanced Select		x	x	x	x	x	x	x
As Staked Corridor Report		x	x	x	x	x	x	x
As Staked Report		x	x	x	x	x	x	x
Batter Conformance Report		x	x	x	x	x	x	x
Break Line		x	x	x	x	x	x	x
Change Coordinate System		x	x	x	x	x	x	x
Clip Lines		x	x	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
Combine Level Files		X	X	X	X	X	X	X
Coordinate System Comparison Report		X	X	X	X	X	X	X
Copy Objects		X	X	X	X	X	X	X
Create Arc		X	X	X	X	X	X	X
Create Block		X	X	X	X	X	X	X
Create Boundary		X	X	X	X	X	X	X
Create Circle		X	X	X	X	X	X	X
Create Dependent Point		X	X	X	X	X	X	X
Create Linestring		X	X	X	X	X	X	X
Create Plotbox		X	X	X	X	X	X	X
Create Point		X	X	X	X	X	X	X
Create Point from BIM		X	X	X	X	X	X	X
Create Polygon		X	X	X	X	X	X	X
Create Polyline		X	X	X	X	X	X	X
Create Rectangle		X	X	X	X	X	X	X
Create Text		X	X	X	X	X	X	X
Create Three Point Circle		X	X	X	X	X	X	X
Create Three Point Rectangle		X	X	X	X	X	X	X
Datum Gridding		X	X	X	X	X	X	X
Delete Line Segment		X	X	X	X	X	X	X
Detect Crossing Geometry		X	X	X	X	X	X	X
Disable Redundant Backsights		X	X	X	X	X	X	X
Divide Line		X	X	X	X	X	X	X
Edit		X	X	X	X	X	X	X
Edit Dependent Point		X	X	X	X	X	X	X
Edit Linestring		X	X	X	X	X	X	X
Edit Text		X	X	X	X	X	X	X
Explode		X	X	X	X	X	X	X
Explode Points		X	X	X	X	X	X	X
Export LAZ Point Clouds		X	X	X	X	X	X	X
Export Applanix™ Smartbase Format		X	X	X	X	X	X	X
Export BlueBook Format		X	X	X	X	X	X	X
Export Digital Fieldbook Job File		X	X	X	X	X	X	X
Export E57 Point Clouds		X	X	X	X	X	X	X
Export E57 Structured		X	X	X	X	X	X	X
Export ESRI Shapefile Format		X	X	X	X	X	X	X
Export Field Surveyor V2 Job File		X	X	X	X	X	X	X
Export Format Editor		X	X	X	X	X	X	X
Export Google KML/KMZ Format		X	X	X	X	X	X	X
Export IFC		X	X	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
Export Inframodel File		X	X	X	X	X	X	X
Export KOF Vector Data File		X	X	X	X	X	X	X
Export LandXML File		X	X	X	X	X	X	X
Export LAS Point Clouds		X	X	X	X	X	X	X
Export POD Point Clouds		X	X	X	X	X	X	X
Export PTS Point Clouds		X	X	X	X	X	X	X
Export PTX Point Clouds		X	X	X	X	X	X	X
Export RCP Point Clouds (Autodesk Recap)		X	X	X	X	X	X	X
Export RINEX Format		X	X	X	X	X	X	X
Export SDMS Format		X	X	X	X	X	X	X
Export SOSI Format		X	X	X	X	X	X	X
Export Trajectory CSV File		X	X	X	X	X	X	X
Export TRB file		X	X	X	X	X	X	X
Export TTM File		X	X	X	X	X	X	X
External Processing Services		X	X	X	X	X	X	X
Feature Attributes Export		X	X	X	X	X	X	X
Feature Code Processing Report		X	X	X	X	X	X	X
Geodatabase XML Exporter		X	X	X	X	X	X	X
Geoid Sub-Gridding		X	X	X	X	X	X	X
Google Earth™		X	X	X	X	X	X	X
Import Blocks		X	X	X	X	X	X	X
Insert Blocks		X	X	X	X	X	X	X
Inser Line Segment		X	X	X	X	X	X	X
Import ESRI Shapefile Format		X	X	X	X	X	X	X
Integrate Points into Geometry		X	X	X	X	X	X	X
Inverse		X	X	X	X	X	X	X
Inverse Results Report		X	X	X	X	X	X	X
Join Lines		X	X	X	X	X	X	X
Level Editor		X	X	X	X	X	X	X
Level Report		X	X	X	X	X	X	X
Line Style Manager		X	X	X	X	X	X	X
Line Type Editor		X	X	X	X	X	X	X
Local Site Settings		X	X	X	X	X	X	X
Mean Angle Report		X	X	X	X	X	X	X
Mean Angle Residuals		X	X	X	X	X	X	X
Merge Points		X	X	X	X	X	X	X
Mirror Objects		X	X	X	X	X	X	X
Move Objects		X	X	X	X	X	X	X
Move Survey Point		X	X	X	X	X	X	X
Name Objects		X	X	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
New Feature Spreadsheet		x	x	x	x	x	x	x
New Layer		x	x	x	x	x	x	x
New Occupation Spreadsheet		x	x	x	x	x	x	x
New Optical Spreadsheet		x	x	x	x	x	x	x
New Points Spreadsheet		x	x	x	x	x	x	x
New Vector Spreadsheet		x	x	x	x	x	x	x
Offset Line		x	x	x	x	x	x	x
Page Setup		x	x	x	x	x	x	x
Pipeline Attributes		x	x	x	x	x	x	x
Point Comparison Report		x	x	x	x	x	x	x
Point Derivation Report		x	x	x	x	x	x	x
Point List Report		x	x	x	x	x	x	x
Point Symbol		x	x	x	x	x	x	x
Print		x	x	x	x	x	x	x
Print Preview		x	x	x	x	x	x	x
Process Feature Codes		x	x	x	x	x	x	x
Processing Services		x	x	x	x	x	x	x
Project Computation Report		x	x	x	x	x	x	x
Publish to TCC		x	x	x	x	x	x	x
Purge Blocks		x	x	x	x	x	x	x
Quality Assurance Report		x	x	x	x	x	x	x
Related Files		x	x	x	x	x	x	x
Relayer Objects		x	x	x	x	x	x	x
Rename Points		x	x	x	x	x	x	x
Renamed Point List Report		x	x	x	x	x	x	x
Report Options		x	x	x	x	x	x	x
Rotate Objects		x	x	x	x	x	x	x
Save As Site		x	x	x	x	x	x	x
Scale Objects		x	x	x	x	x	x	x
Select by Elevation Range		x	x	x	x	x	x	x
Select Duplicate Points		x	x	x	x	x	x	x
Select Observations		x	x	x	x	x	x	x
Select Points by Vector		x	x	x	x	x	x	x
Select Unprocessed Sessions		x	x	x	x	x	x	x
Site Calibration		x	x	x	x	x	x	x
Site Calibration Report		x	x	x	x	x	x	x
Start Data Service		x	x	x	x	x	x	x
Station Panorama Exporter		x	x	x	x	x	x	x
Symbol Editor		x	x	x	x	x	x	x
Symbol Manager		x	x	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
TDX Export		x	x	x	x	x	x	x
Text Style Manager		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
Vector List Report		x	x	x	x	x	x	x
Write Features to GIS Report		x	x	x	x	x	x	x
Write Objects to GIS Report		x	x	x	x	x	x	x
X7 Export to TMX		x	x	x	x	x	x	x
Add Legend			x	x	x	x	x	x
Add Surface Texture			x	x	x	x	x	x
Add to Point Cloud Region			x	x	x	x	x	x
Add/Remove Surface Boundaries			x	x	x	x	x	x
Add/Remove Surface Members			x	x	x	x	x	x
Alignment Editor			x	x	x	x	x	x
Alignment Geometry Report			x	x	x	x	x	x
Append to Alignment			x	x	x	x	x	x
Append Tracked Line			x	x	x	x	x	x
AreaLengthCountReport			x	x	x	x	x	x
Average Points			x	x	x	x	x	x
Big Point Size			x	x	x	x	x	x
Blended Display			x	x	x	x	x	x
Change Elevation			x	x	x	x	x	x
Change Global to Local			x	x	x	x	x	x
Change Local to Global			x	x	x	x	x	x
Clip Selected			x	x	x	x	x	x
Clip Unselected			x	x	x	x	x	x
Color Regions By Elevation			x	x	x	x	x	x
Colorize Region			x	x	x	x	x	x
Convert As-Staked Point			x	x	x	x	x	x
Convert CAD Points			x	x	x	x	x	x
Convert Global to Local			x	x	x	x	x	x
Convert Local To Global			x	x	x	x	x	x
Copy Stored Cross-Section			x	x	x	x	x	x
Copy To Profile			x	x	x	x	x	x
Create Alignment			x	x	x	x	x	x
Create Alignment From a GENIO 6D String			x	x	x	x	x	x
Create Breakline			x	x	x	x	x	x
Create CAD Points from Scan Points (Scan to CAD)			x	x	x	x	x	x
Create Composite Surface			x	x	x	x	x	x
Create Contour at Elevation			x	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
Create Contours			X	X	X	X	X	X
Create Cut/Fill Map			X	X	X	X	X	X
Create Hatch			X	X	X	X	X	X
Create Horizontal Alignment Label			X	X	X	X	X	X
Create Linstriking from Points			X	X	X	X	X	X
Create Planar Surface			X	X	X	X	X	X
Create Point Cloud Region			X	X	X	X	X	X
Create Points at Intervals			X	X	X	X	X	X
Create Points from CAD			X	X	X	X	X	X
Create Profile Proxy			X	X	X	X	X	X
Create Quick Contour at Elevation			X	X	X	X	X	X
Create Quick Contours			X	X	X	X	X	X
Create Stored Cross-Section			X	X	X	X	X	X
Create Surface			X	X	X	X	X	X
Create Surface Cross-Section			X	X	X	X	X	X
Create Surface Edge Breakline			X	X	X	X	X	X
Create Surface Elevation Grid			X	X	X	X	X	X
Create Surface Intersection			X	X	X	X	X	X
Create Surface Intersection Lines			X	X	X	X	X	X
Create Surface Profile			X	X	X	X	X	X
Create Surface Tie			X	X	X	X	X	X
Create Volume Grid			X	X	X	X	X	X
Define Corridor Strata			X	X	X	X	X	X
Densify An Alignment Based Surface			X	X	X	X	X	X
Drape Objects On Surface			X	X	X	X	X	X
Earthwork Report			X	X	X	X	X	X
Edit Alignment Labels			X	X	X	X	X	X
Edit Color Mapping			X	X	X	X	X	X
Edit Composite Surface			X	X	X	X	X	X
Edit Heatmap Colors (Finished Surface/ Pavement Report)			X	X	X	X	X	X
Export GVX File Format			X	X	X	X	X	X
Export RXL Road Format from Alignment			X	X	X	X	X	X
Export RXL Road Format From Surface			X	X	X	X	X	X
Extra Large Point Size			X	X	X	X	X	X
Fillet/Chamfer			X	X	X	X	X	X
Finished Pavement Report			X	X	X	X	X	X
Finished Surface Report			X	X	X	X	X	X
Flatten Surface			X	X	X	X	X	X
Geometry Report			X	X	X	X	X	X
Get All points			X	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
Get Unused Points			X	X	X	X	X	X
Keep In			X	X	X	X	X	X
Keep Out			X	X	X	X	X	X
Label Contours By Crossing			X	X	X	X	X	X
Large Point Size			X	X	X	X	X	X
Match Properties			X	X	X	X	X	X
Measure Volume			X	X	X	X	X	X
Medium Point Size			X	X	X	X	X	X
Merge Geometries			X	X	X	X	X	X
Merge Regions			X	X	X	X	X	X
Merge Surfaces			X	X	X	X	X	X
Move/Rotate/Scale Objects			X	X	X	X	X	X
Move/Rotate/Scale Objects by Points			X	X	X	X	X	X
MSI Report			X	X	X	X	X	X
Normal Shading			X	X	X	X	X	X
Number of loaded points (display Options)			X	X	X	X	X	X
Pavement Conformance Report			X	X	X	X	X	X
Point Cloud Rendering Settings			X	X	X	X	X	X
Points to Surface			X	X	X	X	X	X
Points to Surface Report			X	X	X	X	X	X
REB 21.003 Volume Report			X	X	X	X	X	X
REB 21.033 Linear Surface Areas Report			X	X	X	X	X	X
REB 22.013 Prismatic Volume Report			X	X	X	X	X	X
REB 23.003 Calculation Report			X	X	X	X	X	X
REB Tools			X	X	X	X	X	X
Rebuild Alignment Labels			X	X	X	X	X	X
Rebuild Contours			X	X	X	X	X	X
Rebuild Surface			X	X	X	X	X	X
Render Point Cloud Region			X	X	X	X	X	X
Render Point Cloud Region Using Color-Coded Intensity			X	X	X	X	X	X
Render Point Cloud Region Using Gray-Scale Intensity			X	X	X	X	X	X
Render Point Cloud Region Using Region Color			X	X	X	X	X	X
Render Point Cloud Region Using Scan Color			X	X	X	X	X	X
Render Point Cloud Regions Using Color by Elevation			X	X	X	X	X	X
Render Point Cloud Regions Using True Color			X	X	X	X	X	X
RenderByBlendedIntensity			X	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
Rendering Settings			X	X	X	X	X	X
RenderPointCloudSwitch			X	X	X	X	X	X
Restore All			X	X	X	X	X	X
Restore Region			X	X	X	X	X	X
Sample Point Cloud Regions			X	X	X	X	X	X
Sample Point Clouds			X	X	X	X	X	X
Select Similar			X	X	X	X	X	X
Set Line Elevation			X	X	X	X	X	X
Shrink 3D Faces			X	X	X	X	X	X
Small Point Size			X	X	X	X	X	X
Standardize Layers			X	X	X	X	X	X
Stored Cross-Section Editor			X	X	X	X	X	X
Surface Information Report			X	X	X	X	X	X
Swap Surface Triangles			X	X	X	X	X	X
Switch Point Size			X	X	X	X	X	X
Track Region Outline			X	X	X	X	X	X
Trim Surface Edge			X	X	X	X	X	X
Trim/Extend Lines			X	X	X	X	X	X
Trimble Access Roads Strings			X	X	X	X	X	X
Trimble Access Roads RXL Templates			X	X	X	X	X	X
About Quadri				X	X	X	X	X
Add/Remove Image Boundaries				X	X	X	X	X
Add Reference File				X	X	X	X	X
Adjust Network				X	X	X	X	X
Adjust Traverse				X	X	X	X	X
ALTA/NSPS Allowable Relative Tolerance Report				X	X	X	X	X
Baseline Processing Report				X	X	X	X	X
Capture 3D				X	X	X	X	X
Capture Image				X	X	X	X	X
Clear Adjustment Results				X	X	X	X	X
Clear Processing Results				X	X	X	X	X
Clear Site Calibration				X	X	X	X	X
Clear Task - Quadri				X	X	X	X	X
Clear Traverse Adjustment Result				X	X	X	X	X
Copy View To Clipboard				X	X	X	X	X
Create Angular Dimensions				X	X	X	X	X
Create Custom Report				X	X	X	X	X
Create Leader Lines				X	X	X	X	X
Create Line Label Table				X	X	X	X	X
Create Linear Dimensions				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
Create Point Label Table				X	X	X	X	X
Create Polygon Label Table				X	X	X	X	X
Create Task - Quadri				X	X	X	X	X
Dimension Style Manager				X	X	X	X	X
Disable Baselines				X	X	X	X	X
Disable Sessions				X	X	X	X	X
Disable Trajectories				X	X	X	X	X
Edit Custom Report				X	X	X	X	X
Edit Dimensions				X	X	X	X	X
Edit Label Table				X	X	X	X	X
Enable Baselines				X	X	X	X	X
Enable Sessions				X	X	X	X	X
Enable Trajectories				X	X	X	X	X
Explode Text				X	X	X	X	X
Find and Replace				X	X	X	X	X
Flip an Azimuth Bearing Label				X	X	X	X	X
Force Continuous				X	X	X	X	X
Georeference Image				X	X	X	X	X
Georeference Vector PDF				X	X	X	X	X
GNSS Loop Closure				X	X	X	X	X
GNSS Loop Closure Results Report				X	X	X	X	X
Import Vector PDF Data				X	X	X	X	X
Insert Image				X	X	X	X	X
Internet Download				X	X	X	X	X
Label Lines				X	X	X	X	X
Label Points				X	X	X	X	X
Label Polygons				X	X	X	X	X
Label Style Manager				X	X	X	X	X
Label Table Style Manager				X	X	X	X	X
Labelling Scale Factor				X	X	X	X	X
Map Objects				X	X	X	X	X
Network Adjustment Report				X	X	X	X	X
New Time-Based View				X	X	X	X	X
Offset Slope				X	X	X	X	X
Pavement Conformance Report (Advanced)				X	X	X	X	X
Place Image				X	X	X	X	X
Process Baselines				X	X	X	X	X
Quadri Settings				X	X	X	X	X
Receive from Quadri				X	X	X	X	X
Select Task - Quadri				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
Send to RTX-PP				X	X	X	X	X
Send to Quadri				X	X	X	X	X
Session Editor				X	X	X	X	X
Show Map				X	X	X	X	X
Slope Intersection				X	X	X	X	X
String Report				X	X	X	X	X
Swap Label Sides				X	X	X	X	X
Toggle Background Map				X	X	X	X	X
Traverse Adjustment Report				X	X	X	X	X
Best-Fit Line					X	X	X	X
Build Sheets					X	X	X	X
Camera Calibration					X	X	X	X
Camera Calibration Check Report					X	X	X	X
Combine Surfaces					X	X	X	X
Copy to Sheet					X	X	X	X
Corridor Definition Report					X	X	X	X
Corridor Earthwork Report					X	X	X	X
Create 3D PDF					X	X	X	X
Create Composite Geometry					X	X	X	X
Create COGO					X	X	X	X
Create Corridor					X	X	X	X
Create Corridor Surface					X	X	X	X
Create Custom Sheet					X	X	X	X
Create Dynaview					X	X	X	X
Create Dynaview Boundary Collection					X	X	X	X
Create Linestring from Point Cloud					X	X	X	X
Create Plan Set					X	X	X	X
Create Points at Station Offsets					X	X	X	X
Create Point Cloud (non-Aerial)					X	X	X	X
Create Projected Surface					X	X	X	X
Create Quick Profile					X	X	X	X
Create Radial Surface					X	X	X	X
Create Rectified Image					X	X	X	X
Create Rectified Object					X	X	X	X
Create Scale Bar					X	X	X	X
Create Shareable Slope Table					X	X	X	X
Create Sheet Set					X	X	X	X
Create Side Slope					X	X	X	X
Create Sub-Template					X	X	X	X
Create Surface From Reference File					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
Create Tunnel Inspection Map					X	X	X	X
Define Depth Plane					X	X	X	X
Delete Dynaview Boundary Collection					X	X	X	X
Divide Area					X	X	X	X
Double Proportioning					X	X	X	X
Double Proportioning Report					X	X	X	X
Drafting Templates					X	X	X	X
Dynaview Collection					X	X	X	X
Edit Corridor					X	X	X	X
Edit Corridor Template					X	X	X	X
Edit Dynaview Boundary Collection					X	X	X	X
Edit Shareable Slope Table					X	X	X	X
Edit Sheet Set					X	X	X	X
Explode Dynaview Grid					X	X	X	X
Explode Surface					X	X	X	X
Export to TMX					X	X	X	X
Export to TopoDOT					X	X	X	X
Export to Solv3D					X	X	X	X
Flight Mission Exporter					X	X	X	X
Grid Style Manager					X	X	X	X
Group Photo Stations					X	X	X	X
History Log View					X	X	X	X
Import MXDB Database					X	X	X	X
Insert Corridor Template					X	X	X	X
Legal Description Writer					X	X	X	X
Macros					X	X	X	X
Manage Material Layers					X	X	X	X
Manage Template Node Names					X	X	X	X
Manual Camera Calibration					X	X	X	X
Manual (MX7) Camera Calibration					X	X	X	X
Map Check Report					X	X	X	X
Mapillary Panorama Exporter					X	X	X	X
Measure Photo Point					X	X	X	X
Merge Survey Projects					X	X	X	X
MX9 Export to Solv3D					X	X	X	X
New Block Edit View					X	X	X	X
New Photo Point Spreadsheet					X	X	X	X
New Sheet View					X	X	X	X
Offset Surface					X	X	X	X
Optimize Surface Report					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
Print Plan Set					X	X	X	X
Process Panoramas					X	X	X	X
Reproject Surface					X	X	X	X
Roughness Index Report					X	X	X	X
Select Point Cloud By Boundary					X	X	X	X
Shrink Wrap					X	X	X	X
Single Proportioning					X	X	X	X
Single Proportioning Report					X	X	X	X
Station Offset Elevation Report					X	X	X	X
Superelevation Diagram					X	X	X	X
Superelevation View					X	X	X	X
Terrestrial Bundle Adjustment Report					X	X	X	X
TopoDOT Export - Mobile Mapping Data					X	X	X	X
Transform Survey Points					X	X	X	X
Transform Survey Points Report					X	X	X	X
Trimble MX Cubical Exporter					X	X	X	X
Trimble MX Panorama Exporter					X	X	X	X
Virtual DR					X	X	X	X
XML Horus Exporter					X	X	X	X
Apply Surface Site Improvement						X	X	X
Create Machine Data Overlay						X	X	X
Create Machine Data Surface						X	X	X
Create Points from Spot Elevations						X	X	X
Create Subgrade Surface						X	X	X
Create Uncompacted PCS Surface						X	X	X
Create Vertical Design						X	X	X
Detailed Cell Viewer						X	X	X
Edit Machine Data						X	X	X
Edit Vertical Design						X	X	X
Edit/View Machine Data Overlay						X	X	X
Elevate Contour						X	X	X
Elevate Contours by Crossing						X	X	X
Elevate Contours by Label						X	X	X
Elevate Lines						X	X	X
Elevate Pads						X	X	X
Map Layers						X	X	X
Project Cleanup						X	X	X
Variable Offset Line						X	X	X
Add/Remove Members to Station/ Offset View							X	X
Analyze Earthwork Balance							X	X



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Workflow / Feature	Viewer	Field Data	Surface Modeling	Survey Intermediate	Survey Advanced	Site Modeling	Site Construction	Infrastructure Construction
Archive Mass Haul							X	X
Boring Log Report							X	X
Build Takeoff Surfaces							X	X
Categorize Takeoff Layers							X	X
Compute Region Volume							X	X
Configure Subgrade Adjustments							X	X
Convert to Haul Road							X	X
Create Boring Log							X	X
Create Boundary by Site Improvement							X	X
Create Corridor Boring Log							X	X
Create Earthworks Site							X	X
Create Haul Road							X	X
Create Site Mass Haul Analysis							X	X
Create Stored Cross-sections from CAD Drawings							X	X
Custom Takeoff Report							X	X
Customize Digitizer Button Profiles							X	X
Define Areas of Interest							X	X
Define Site Materials							X	X
Define Strata							X	X
Define Topsoil Stripping Areas							X	X
Digitize Contour							X	X
Digitize Cross-section							X	X
Digitize Linestring							X	X
Digitize Pad							X	X
Digitizer Setup							X	X
Earthwork Summary							X	X
Edit Boring Log							X	X
Edit Corridor Boring Log							X	X
Edit Site Mass Haul Analysis							X	X
Export Site Mass Haul Plan VCL File							X	X
Identify Site Regions							X	X
Mass Haul Balance View							X	X
Mass Haul Editor							X	X
Material Processing Report							X	X
Name/Label Site Regions							X	X
New Station/Offset View							X	X
Overexcavation							X	X
Refresh Mass Haul Analysis							X	X
Site Mass Haul Report							X	X
Takeoff Report							X	X



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Workflow / Feature	Viewer	Field Data	Surface Modeling	Survey Intermediate	Survey Advanced	Site Modeling	Site Construction	Infrastructure Construction
Track Cross-Section							X	X
Use Excess Topsoil							X	X
Validate Site Improvement Areas							X	X
Auto-Balance Mass Haul								X
Auto-Balance Mass Haul for All Materials								X
Balance Line Report								X
Balance Mass Haul at Grade Point								X
Check Intersection Geometry								X
Clear Mass Haul Balances								X
Corridor Mass Haul Diagram								X
Corridor Mass Haul Report								X
Create Corridor Mass Haul Analysis								X
Create Cul-de-Sac								X
Create Haul Range								X
Create Intersection								X
Create Mass Haul Barrier								X
Create Mass Haul Export								X
Create Mass Haul Import								X
Edit Zone Naming Settings								X
Export Mass Haul Plan								X
Export TILOS Mass Haul XML File								X
Load Intersection Template								X
Paste Properties								X
Save Intersection Template								X
Select Child Lines								X

Command Matrix

Trimble Business Center v2024.10 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 Photo-grammetry	ANZ Toolbox	Drilling Piling Dynamic Compaction	GIS	Mobile Mapping	MM MX9 Laser Correction	Monitoring	Scanning	Tunneling	Utility Modeling
Adjust Photo Stations (with GCP's)	x									
Advanced UAS	x									
Create Deliverables	x									
Create Orthomosaic	x									
Create Orthomosaic from Facade	x									
Create Point Cloud (Aerial)	x									
Create Raster DSM	x									
Flight Mission Adjustment Report	x									
Import UAS Data	x									
Merge Flight Missions	x									
Open UASMaster	x									
Send to UASMaster	x									
senseFly eMotion Exporter	x									
3D Objects From Surface		x								
3D Objects From Polygon		x								
ADAC Exporter		x								
ADAC Settings v4.2 + v5.01		x								
Adjust Area		x								
Adjust Polyline with Bowditch		x								
Annotate Objects		x								
ASPEC Auto-Fill		x								
ASPEC Manager		x								
Process ASPEC Connection		x								
Attribute Editor		x								
Browse for Import File		x								
Check Line Deflection		x								
Convert to CAD Points		x								
Convert to Horizontal Linestring		x								
Convert To Linestring		x								
Convert to Multiline Text		x								
Create 3D Utility Chambers		x								
Create Best Fit Circle		x								
Create Chord Line		x								
Delete Layers		x								
Edit 3D Utility Chambers		x								
Edit Linestring Elevation		x								
Explode Corridor Mass Haul		x								



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Workflow / Feature	Aerial Photo-grammetry	ANZ Toolbox	Drilling Piling Dynamic Compaction	GIS	Mobile Mapping	MM MX9 Laser Correction	Monitoring	Scanning	Tunneling	Utility Modeling
Explode Lines		x								
Export 12da File (Advanced)		x								
Export ADAC v4.2 + v5.01		x								
Find and Replace Points		x								
Find and Replace Text		x								
Footing Adjust		x								
Import 12d Color File		x								
Import 12da File (Advanced)		x								
Import ADAC v4.2 + v5.01		x								
Insert Alignment Table		x								
Insert/Delete Nodes		x								
Insert Excel Table		x								
Insert Legend Table		x								
Insert Vertices From Points		x								
Inspect Line Nodes		x								
Line Node Cleanup		x								
Map Objects		x								
Measure Chainage/Offset		x								
Measure Geometry		x								
Measure Perpendicular		x								
Measure Surface		x								
Measure XFall		x								
Merge Lines		x								
Move Line		x								
Pavement Conformance Report (Advanced)		x								
Point Conformance Report		x								
Points From Chainage Offset		x								
Regroup Layers		x								
Remove Duplicates		x								
Rename Layers		x								
Rename Objects		x								
Reorder By Proximity		x								
Reorder By Selection Order		x								
Reverse Lines		x								
Set Line Direction		x								
Set Point Description		x								
Set Sewerage Connection Attributes v4.2 + v5.01		x								
Set Vertex Text		x								



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Workflow / Feature	Aerial Photo-grammetry	ANZ Toolbox	Drilling Piling Dynamic Compaction	GIS	Mobile Mapping	MM MX9 Laser Correction	Monitoring	Scanning	Tunneling	Utility Modeling
Show Line Direction Options		x								
String Conformance Report		x								
Surface Area Report Tool		x								
Surface Cleanup		x								
Transform 3D Objects		x								
Unlink Linestrings		x								
Utilities Autodraft		x								
Utility Conformance Report		x								
Utility Node To BIM Object		x								
Validate ADAC		x								
Add Drill Hole to Drill Plan			x							
Blow Count Report			x							
Change Pile ID			x							
Create Drill Plan			x							
Create Dynamic Compaction Plan			x							
Create Manual Drill Plan			x							
Create New Version			x							
Create Pile			x							
Create Pile Plan			x							
Create Piles at Points			x							
Drill Hole Quality Report			x							
Dynamic Compaction Quality Report			x							
Edit Drill Plan (and Rebuild)			x							
Edit Pile Types			x							
Export DPS900 Drill Plan			x							
Export DPS900 Dynamic Compaction Plan			x							
Export DPS900 Pile Plan			x							
Generate As-Drilled Points			x							
Generate Design Points			x							
IREDES Drillplan Exporter			x							
Manage Pile Types			x							
Piling Quality Report			x							
Rebuild Drill Plan			x							
Rebuild Pile Plan			x							
Select Hole by ID			x							
Add GIS Connection				x						
Export ESRI File Geodatabase				x						



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Workflow / Feature	Aerial Photo-grammetry	ANZ Toolbox	Drilling Piling Dynamic Compaction	GIS	Mobile Mapping	MM MX9 Laser Correction	Monitoring	Scanning	Tunneling	Utility Modeling
Get GIS Schema				x						
GIS Connection Manager				x						
Import .cor Files				x						
Import ESRI File Geodatabase				x						
Map Metadata				x						
Read Features from GIS				x						
Remove GIS Connection				x						
Write Features to GIS				x						
Add New Project					x					
Batch Register Run to Run					x					
Execute Batch					x					
Export Mobile Mapping Calibration					x					
Export MX50 to Solv3D					x					
Export MX50 to TMX					x					
Export MX50 to TopoDOT					x					
Export Project Parameters					x					
Extract Classified Point Cloud Regions	x							x	x	
Generate PFIx					x					
Generate Scans					x					
Import Mobile Mapping Calibration					x					
LAS Export with Timestamp					x					
Mobile Mapping Report					x					
Open Batch File					x					
Ortho Lane					x					
Process RAW Trajectory Data					x					
Register Mobile Mapping Scans					x					
Repair Mobile Mapping Database					x					
Show Batch Report					x					
Split Run					x					
Update Scans					x					
MX9 Laser Correction (in Mobile Mapping Generate Scans command)						x				
Assign Monitoring Project							x			
Create Monitoring Points							x			
Monitoring Epochs Manager							x			
Monitoring Points Spreadsheet							x			



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Workflow / Feature	Aerial Photo-grammetry	ANZ Toolbox	Drilling Piling Dynamic Compaction	GIS	Mobile Mapping	MM MX9 Laser Correction	Monitoring	Scanning	Tunneling	Utility Modeling
Show Monitoring Chart							x			
Show Monitoring Report							x			
Sync Monitoring Project							x			
Advanced Point Cloud Filtering								x		
Alignment Geometry Report								x		
Ambient Shading Display								x		
Create High and Low Point								x		
Create Orthophoto								x		
Create Scan Station								x		
Enhanced Ambient Shading Mode								x		
Extract Classified Point Cloud Regions								x		
Extract Cross-sections From Point Cloud								x		
Extract Geometry								x		
Extract Line Feature								x		
Extract Point Feature								x		
Extract Stockpile								x		
Drape Objects on Point Cloud								x		
Filter Point Cloud								x		
Georeference Scan								x		
Import FLS Scan Files								x		
Import TZF Scan Files								x		
Intensity Based Filtering								x		
International Roughness Index Report (IRI)								x		
Measure Overhead Line Clearance								x		
Measure Vertical Clearance								x		
No Shading Display								x		
Normal Shading Display								x		
Outline Visibility Mode								x		
Point Cloud Region Classifier (Classify Point Clouds)								x		
Point Cloud Smart Picking								x		
Scan Georeferencing								x		
Scan Inspection								x		
Scan Refinement Report								x		
Scan Registration								x		
See Inside Visibility Mode								x		



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Workflow / Feature	Aerial Photo-grammetry	ANZ Toolbox	Drilling Piling Dynamic Compaction	GIS	Mobile Mapping	MM MX9 Laser Correction	Monitoring	Scanning	Tunneling	Utility Modeling
Add/Remove As-Built Tunnel Mesh Members									X	
Add Tunnel Shape Template									X	
Assign Tunnel As-Built Points									X	
Assign Tunnel Convergence Points									X	
Copy Tunnel									X	
Create As-Built Tunnel Mesh									X	
Create CAD Tunnel Cross-Sections									X	
Create Designed Tunnel Mesh									X	
Create Tunnel									X	
Create Tunnel Alignment									X	
Create Tunnel Corridor									X	
Create Tunnel Inspection Map									X	
Create Tunnel Inspection Points									X	
Create Tunnel Shape									X	
Create Tunnel Shape From CAD									X	
Create Tunnel Template									X	
Create Tunnel Undulation Report									X	
Create Vertical Shaft									X	
Edit Horizontal Tunnel Offset									X	
Edit Set Outs									X	
Edit Tunnel Rotation									X	
Edit Tunnel Shape									X	
Edit Vertical Tunnel Offset									X	
Export SCS900 Tunnel XML File									X	
Export TXL									X	
Extract Classified Tunnel Regions									X	
Import TXL									X	
Rebuild As-Built Tunnel Mesh									X	
Select Tunnel Points									X	
Tunnel As-Built Report (with best-fit circle)									X	
Tunnel ASCII Report									X	
Tunnel Convergence Report									X	
Tunnel Inspection Report									X	
Tunnel Inspection View									X	



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Tunnel Set Outs As-Built Report									X	
Tunnel View									X	
Create Pipe										X
Create Trench Surface										X
Create Utility Line										X
Create Utility Network										X
Create Utility Node										X
Create Utility Run										X
Edit Trench Template										X
Edit User-Defined Utility Shape										X
Edit Utility Run										X
Insert Trench Template										X
Insert Utility Node										X
Reverse Utility Run										X
Trench Template Manager										X
Utility Takeoff Report										X

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