



Command Matrix

Survey Office v5.90 Software

Editions

Each Survey Office (SO) 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.
- **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.

Command Matrix

Survey Office v5.90 Software - Editions

Blue text denotes new or enhanced v5.90 features.

Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
3D Preset Views	x	x	x	x
3D View Projection (Perspective vs. Ortho)	x	x	x	x
3D View Settings	x	x	x	x
About Trimble Business Center	x	x	x	x
Access Services	x	x	x	x
Activate Limit Box	x	x	x	x
Add External Job Site Design	x	x	x	x
Add Mission	x	x	x	x
Archive Project	x	x	x	x
Back	x	x	x	x
Backward Planar View (Backward Camera View)	x	x	x	x
Bottom	x	x	x	x
Bring Forward	x	x	x	x
Bring to Front	x	x	x	x
CAD Command Line	x	x	x	x
Center	x	x	x	x
Check for Updates	x	x	x	x
Cleanup Mobile Mapping Mission	x	x	x	x
Close Project	x	x	x	x
Colorize Scans	x	x	x	x
Command Pane	x	x	x	x
Compress/Email Field Data	x	x	x	x
Compute Project	x	x	x	x
Connected Community HCE	x	x	x	x
Controller Manager	x	x	x	x
Convert CSV to FXL	x	x	x	x
Convert TGO Project	x	x	x	x
Convert to RINEX	x	x	x	x
Coordinate Scroll	x	x	x	x
Coordinate System Manager	x	x	x	x
Copy Field Data to Data Card	x	x	x	x
Copy Field Data to USB Flash Drive	x	x	x	x
Copy Project Library to USB Flash Drive	x	x	x	x
Copy Work Order	x	x	x	x
Create Job Site Design	x	x	x	x
Create Vision Link Project	x	x	x	x
Create Work Order	x	x	x	x
Cutting Plane View	x	x	x	x
Define Command Shortcuts	x	x	x	x
Defined Views	x	x	x	x
Delete	x	x	x	x
Delete Work Order	x	x	x	x

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Device Pane	x	x	x	x
Edit Limit Box	x	x	x	x
eLearning	x	x	x	x
End-User License Agreement	x	x	x	x
Exit	x	x	x	x
Explore Object	x	x	x	x
Export Field Data (Trimble Machine Control)	x	x	x	x
Export GCS900 Excavator Profile Files	x	x	x	x
Export GCS900 Machine Avoidance Zone File	x	x	x	x
Export GCS900 Machine Jobsite Design	x	x	x	x
Export GCS900 Machine Site Map	x	x	x	x
Export GENIO Road	x	x	x	x
Export Measure Codes Definition File	x	x	x	x
Export Project Link Exporter VCL File	x	x	x	x
Export SIMA Format	x	x	x	x
Export Sketchup .skp Files	x	x	x	x
Export Somero .nod Files	x	x	x	x
Export Spectra Geospatial Origin Job File	x	x	x	x
Export Survey Controller Job File	x	x	x	x
Export Survey Data Collector DC File	x	x	x	x
Export Survey Pro Job File	x	x	x	x
Export TDS Interlock (ij) File	x	x	x	x
Export Trimble Access job File	x	x	x	x
Export Trimble Access Road Strings	x	x	x	x
Export Trimble Access RXL Road Templates	x	x	x	x
Export Trimble JobXML Field Software Format	x	x	x	x
Feature Definition Manager	x	x	x	x
Filter Line Markings	x	x	x	x
Flags Pane	x	x	x	x
Float View	x	x	x	x
Front	x	x	x	x
Go To Run Position	x	x	x	x
Help	x	x	x	x
Import	x	x	x	x
Import .asc ASCII, TDEF, Raw Data, InRoads Hz and Vt Alignment Files	x	x	x	x
Import .CAL Site Calibration Files	x	x	x	x
Import .dat DiNi Level Files	x	x	x	x
Import .dat STAR*Net Level Files	x	x	x	x
Import .eje MDT Hz Alignment Files	x	x	x	x
Import .inf Fast Survey Files	x	x	x	x

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Import .pbj Rangefinder Laser Files	x	x	x	x
Import .raw (TDS, Nikon) Raw Data Files	x	x	x	x
import .sp3, sp3c precise ephemeris files	x	x	x	x
Import .xyz point Cloud Files	x	x	x	x
Import .xyz Point Cloud Files	x	x	x	x
Import ASCII CSV Files - PNEZD	x	x	x	x
Import ASCII CSV Files - Station, Offset, Elevation	x	x	x	x
Import Ashtech ProMark / ProFlex .crd Format	x	x	x	x
Import Ashtech ProMark / ProFlex .ddd Format	x	x	x	x
Import Autodesk DWG Format	x	x	x	x
Import Autodesk DXF Format	x	x	x	x
Import Bentley .icm.dgn iModel Files	x	x	x	x
Import Bentley Microstation dgn files	x	x	x	x
Import Business Center - HCE .VCL Project Link Files	x	x	x	x
Import CaAICE .txt Files	x	x	x	x
Import Cartomap .txt Files	x	x	x	x
Import CLIP .alz Alignment Files	x	x	x	x
Import CLIP .plt Alignment Files	x	x	x	x
Import CLIP .trv Files	x	x	x	x
Import e57 Format	x	x	x	x
Import Fast Survey .sys Files	x	x	x	x
Import Format Editor	x	x	x	x
Import GCS900 .avoid Format	x	x	x	x
Import GCS900 .avoid.svl Avoidance Zone Files	x	x	x	x
Import GCS900 .cfg Coordinate System Files	x	x	x	x
Import GCS900 .dsp Format	x	x	x	x
Import GCS900 .mch Format	x	x	x	x
Import GCS900 .mch Measure Up Files	x	x	x	x
Import GCS900 .persist Format	x	x	x	x
Import GCS900 .pro Format	x	x	x	x
Import GCS900 .svd Files	x	x	x	x
Import GCS900 .svd Format	x	x	x	x
Import GCS900 .svl Files	x	x	x	x
Import GCS900 .svl Format	x	x	x	x
Import GCS900 .tsd Format	x	x	x	x
Import Geopak .xsr Cross Section Report File	x	x	x	x
Import HYDROpro .hpt Files	x	x	x	x
Import IFC Files	x	x	x	x
Import Inframodel .xml Files	x	x	x	x
Import InRoads .soe Files	x	x	x	x
Import IREDES .xml Tunnel and Drill Plan Files	x	x	x	x

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Import ISPOL .ali Alignment Files	x	x	x	x
Import ISPOL .ras Vertical Alignment Files	x	x	x	x
Import ISPOL .sce and .sc1 Files	x	x	x	x
Import LandXML Format	x	x	x	x
Import LAS/LAZ Format	x	x	x	x
Import Linestyle File	x	x	x	x
Import Measure Codes Definition File	x	x	x	x
Import MDT .ras Vertical Alignment Files	x	x	x	x
Import MDT .tra Files	x	x	x	x
Import MX GENIO .crd, .mos, .txt Files	x	x	x	x
Import NGS .ds Data Sheet Files	x	x	x	x
Import NGS .htm Data Sheet Files	x	x	x	x
Import NGS OPUS .xml Files	x	x	x	x
Import Norway .KOF Files	x	x	x	x
Import Norway .tit Files	x	x	x	x
Import Novapoint .gen Files	x	x	x	x
Import Novapoint .vgp Files	x	x	x	x
Import PCS900 .persist Display Configuration Files	x	x	x	x
Import POD Format	x	x	x	x
Import PTS Format	x	x	x	x
Import PTX Format	x	x	x	x
Import RCP Format	x	x	x	x
Import REB .021 Files	x	x	x	x
Import REB .040 Files	x	x	x	x
Import REB .066 Files	x	x	x	x
Import REB .66 Files	x	x	x	x
Import Report	x	x	x	x
Import Report	x	x	x	x
Import SBG .geo Files	x	x	x	x
Import SBG .gt Files	x	x	x	x
Import SBG .lin Files	x	x	x	x
Import SBG .llc Files	x	x	x	x
Import SBG .lmd Files	x	x	x	x
Import SBG .nyl Files	x	x	x	x
Import SBG .prf Files	x	x	x	x
Import SBG .pxy Files	x	x	x	x
Import SBG .sec Files	x	x	x	x
Import SBG .skv Files	x	x	x	x
Import SCS900 .gcj Work Order Files	x	x	x	x
Import SCS900 .ini Site Settings File	x	x	x	x
Import SCS900 .spj Work Order Files	x	x	x	x
Import SCS900 .txt Work Order Results File	x	x	x	x

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

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Import Trimble Survey Manager ASCII Format	x	x	x	x
Import Trimble Survey Pro .survey files	x	x	x	x
Import Wirth .xyz Files	x	x	x	x
Import Work Order Results	x	x	x	x
Import/Export User Options	x	x	x	x
Internal Select Mode	x	x	x	x
Invert Selection	x	x	x	x
Job Site Design Manager	x	x	x	x
Job Site Manager	x	x	x	x
Layer Group Manager	x	x	x	x
Layer Manager	x	x	x	x
Left	x	x	x	x
Left Mouse Pan	x	x	x	x
Left Mouse Rotate	x	x	x	x
Left Mouse Select	x	x	x	x
Left Mouse Zoom	x	x	x	x
License Manager	x	x	x	x
Material and Site Improvement Manager	x	x	x	x
Measure Angle	x	x	x	x
Measure Distance	x	x	x	x
Measure Distance CSV Report	x	x	x	x
Measure Point	x	x	x	x
Move to Next Tab Group	x	x	x	x
Move to Previous Tab Group	x	x	x	x
New 3D Drive View	x	x	x	x
New 3D View	x	x	x	x
New Cross-Section View	x	x	x	x
New Default Project	x	x	x	x
New Feature Library	x	x	x	x
New Horizontal Tab Group	x	x	x	x
New Plan View	x	x	x	x
New Plan View (old architecture)	x	x	x	x
New Profile View	x	x	x	x
New Project	x	x	x	x
New Station View	x	x	x	x
New Station View (referenced images)	x	x	x	x
New Vertical Tab Group	x	x	x	x
Office Synchronizer	x	x	x	x
OGC Service Manager	x	x	x	x
Online GNSS Planning	x	x	x	x
Open Project	x	x	x	x
Open Remote File	x	x	x	x

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Options	x	x	x	x
Orthographic	x	x	x	x
Overexcavation Template Manager	x	x	x	x
Pan	x	x	x	x
Pan Precise	x	x	x	x
Perspective	x	x	x	x
Plane Manager	x	x	x	x
Planning	x	x	x	x
Polygon Select	x	x	x	x
Presentation Mode	x	x	x	x
Process Raw Trajectory Data	x	x	x	x
Process SCS work order symbols	x	x	x	x
Process View	x	x	x	x
Profile Viewer	x	x	x	x
Project Explorer	x	x	x	x
Project Settings	x	x	x	x
Properties	x	x	x	x
Publish Field Data To Business Data Center	x	x	x	x
Publish Field Data to Project Library	x	x	x	x
Publish Library to USB	x	x	x	x
Publish to Vision Link	x	x	x	x
Quality Assurance Report	x	x	x	x
Reassign External Job Site Design	x	x	x	x
Reassign Work Order	x	x	x	x
Rectangle Select	x	x	x	x
Redo	x	x	x	x
Reference File View Filter Manager	x	x	x	x
Region of Interest	x	x	x	x
Register Software	x	x	x	x
Right	x	x	x	x
Run Last Command	x	x	x	x
Run View (Panoramic View)	x	x	x	x
Save File Remotely	x	x	x	x
Save Project	x	x	x	x
Save Project As	x	x	x	x
Save Project As Template	x	x	x	x
SCS Data Manager	x	x	x	x
Select All	x	x	x	x
Select by Layer	x	x	x	x
Select by Polygon	x	x	x	x
Select Points	x	x	x	x
Selection Explorer	x	x	x	x

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Send Backward	x	x	x	x
Send to Back	x	x	x	x
Set Limit Box	x	x	x	x
Set Menu Layout	x	x	x	x
Side Planar View (Side Camera View)	x	x	x	x
Site Calibration	x	x	x	x
Site Calibration Report	x	x	x	x
SiteVision AR Exporter	x	x	x	x
Snap Mode	x	x	x	x
Start Page	x	x	x	x
Station View Image Filter	x	x	x	x
Stored Measurements Report	x	x	x	x
Surface Slicer View	x	x	x	x
Tile Sequence Viewer	x	x	x	x
Toggle Gridlines	x	x	x	x
Toggle Line Marking	x	x	x	x
Toggle Visibility	x	x	x	x
Toggle Z-Axis	x	x	x	x
Top	x	x	x	x
Total Station Editor	x	x	x	x
Tours and Tutorials	x	x	x	x
Trajectory Plots	x	x	x	x
Trajectory Settings	x	x	x	x
Trimble Access Services	x	x	x	x
Trimble Clarity Viewer	x	x	x	x
Trimble Sync	x	x	x	x
Trimble Sync Manager	x	x	x	x
Undo	x	x	x	x
User Profile Manager	x	x	x	x
View 3D Preset Last Used	x	x	x	x
View Filter Manager	x	x	x	x
View Mission Trajectory (Toggle Trajectory)	x	x	x	x
VisionLink	x	x	x	x
Walk-Through	x	x	x	x
Work Order Editor	x	x	x	x
Work Order Report	x	x	x	x
Work Order Report	x	x	x	x
Work Orders Summary	x	x	x	x
Workflow Guides	x	x	x	x
Write FXL to CSV Viewer	x	x	x	x
Zoom	x	x	x	x
Zoom Extents	x	x	x	x

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Zoom In	x	x	x	x
Zoom Out	x	x	x	x
Zoom Precise	x	x	x	x
ADAC Settings		x	x	x
Add/Remove Selection		x	x	x
Advanced Select		x	x	x
As Staked Corridor Report		x	x	x
As Staked Report		x	x	x
Batter Conformance Report		x	x	x
Break Line		x	x	x
Change Coordinate System		x	x	x
Clip Lines		x	x	x
Combine Level Files		x	x	x
Coordinate System Comparison Report		x	x	x
Copy Objects		x	x	x
Create Arc		x	x	x
Create Block		x	x	x
Create Boundary		x	x	x
Create Circle		x	x	x
Create Dependent Point		x	x	x
Create Linestring		x	x	x
Create Plotbox		x	x	x
Create Point		x	x	x
Create Polygon		x	x	x
Create Polyline		x	x	x
Create Rectangle		x	x	x
Create Text		x	x	x
Create Three Point Circle		x	x	x
Create Three Point Rectangle		x	x	x
Datum Gridding		x	x	x
Delete Line Segment		x	x	x
Detect Crossing Geometry		x	x	x
Disable Redundant Backsights		x	x	x
Edit		x	x	x
Edit Dependent Point		x	x	x
Edit Linestring		x	x	x
Edit Text		x	x	x
Explode		x	x	x
Explode Points		x	x	x
Export .12da 12D Format Files		x	x	x
Export .laz Point Clouds		x	x	x
Export ADAC File		x	x	x

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Export Applanix Smartbase Format		x	x	x
Export BlueBook Format		x	x	x
Export DC Road Format From Corridor		x	x	x
Export DC Road Format From Surface		x	x	x
Export Digital Fieldbook Job File		x	x	x
Export DWG		x	x	x
Export DXF		x	x	x
Export e57 Point Clouds		x	x	x
Export e57 Structured Point Clouds		x	x	x
Export ESRI Shapefile Format		x	x	x
Export Field Surveyor V2 Job File		x	x	x
Export Format Editor		x	x	x
Export Google KML/KMZ Format		x	x	x
Export IFC		x	x	x
Export Inframodel File		x	x	x
Export KOF Vector Data File		x	x	x
Export LandXML File		x	x	x
Export las Point Clouds		x	x	x
Export pod point Clouds		x	x	x
Export pts Point Clouds		x	x	x
Export ptx Point Clouds		x	x	x
Export rcp Point Clouds (Autodesk recap)		x	x	x
Export RINEX Format		x	x	x
Export SDMS Format		x	x	x
Export SOSI Format		x	x	x
Export Trajectory CSV File		x	x	x
Export Trimble Data Exchange Format (TDEF) File		x	x	x
Export TTM File		x	x	x
Export X7 to TMX		x	x	x
External Processing Services		x	x	x
Feature Attributes Export		x	x	x
Feature Code Processing Report		x	x	x
Geoid Sub-Gridding		x	x	x
Import .12da 12D Format Files		x	x	x
Import Blocks		x	x	x
Insert Blocks		x	x	x
Import ESRI Shapefile Format		x	x	x
Integrate Points into Geometry		x	x	x
Inverse		x	x	x
Inverse Results Report		x	x	x
Job Report Generator		x	x	x
Join Lines		x	x	x

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Level Editor		x	x	x
Level Report		x	x	x
Line Style Manager		x	x	x
Line Type Editor		x	x	x
Local Site Settings		x	x	x
Mean Angle Report		x	x	x
Mean Angle Residuals		x	x	x
Merge Points		x	x	x
Mirror Objects		x	x	x
Move Objects		x	x	x
Move Survey Point		x	x	x
Name Objects		x	x	x
New Feature Spreadsheet		x	x	x
New Layer		x	x	x
New Occupation Spreadsheet		x	x	x
New Optical Spreadsheet		x	x	x
New Points Spreadsheet		x	x	x
New Vector Spreadsheet		x	x	x
Offset Line		x	x	x
Page Setup		x	x	x
Pipeline Attributes		x	x	x
Point Comparison Report		x	x	x
Point Derivation Report		x	x	x
Point List Report		x	x	x
Point Symbol		x	x	x
Print		x	x	x
Print Preview		x	x	x
Process Feature Codes		x	x	x
Processing Services		x	x	x
Project Computation Report		x	x	x
Publish to TCC		x	x	x
Purge Blocks		x	x	x
Related Files		x	x	x
Relayer Objects		x	x	x
Rename Points		x	x	x
Renamed Point List Report		x	x	x
Report Options		x	x	x
Rotate Objects		x	x	x
Save As Site		x	x	x
Scale Objects		x	x	x
Select by Elevation Range		x	x	x
Select Duplicate Points		x	x	x

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Select Observations		x	x	x
Select Points by Vector		x	x	x
Select Unprocessed Sessions		x	x	x
Start Data Service		x	x	x
Station Panorama Exporter		x	x	x
Symbol Editor		x	x	x
Symbol Manager		x	x	x
TDX Export		x	x	x
Text Style Manager		x	x	x
TopoDOT Export - Terrestrial Scan Data		x	x	x
Vector List Report		x	x	x
Write Features to GIS Report		x	x	x
Add Legend			x	x
Add Reference File			x	x
Add Surface Texture			x	x
Add to Point Cloud Region			x	x
Add/Remove Image Boundaries			x	x
Add/Remove Surface Boundaries			x	x
Add/Remove Surface Members			x	x
Adjust Network			x	x
Adjust Traverse			x	x
Alignment Editor			x	x
Alignment Geometry Report			x	x
ALTA/NSPS Allowable Relative Tolerance Report			x	x
Append to Alignment			x	x
Append Tracked Line			x	x
AreaLengthCountReport			x	x
Average Points			x	x
Baseline Processing Report			x	x
Big Point Size			x	x
Blended Display			x	x
Capture 3D			x	x
Capture Image			x	x
Change Elevation			x	x
Change Global to Local			x	x
Change Local to Global			x	x
Clear Adjustment Results			x	x
Clear Processing Results			x	x
Clear Site Calibration			x	x
Clear Traverse Adjustment Result			x	x
Clip Selected			x	x
Clip Unselected			x	x

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Color Regions By Elevation			x	x
Colorize Region			x	x
Convert As-Staked Point			x	x
Convert CAD Points			x	x
Convert Global to Local			x	x
Convert Local To Global			x	x
Copy Stored Cross-Section			x	x
Copy To Profile			x	x
Copy View To Clipboard			x	x
Create Alignment			x	x
Create Alignment From a GENIO 6D String			x	x
Create Angular Dimensions			x	x
Create Breakline			x	x
Create CAD Points from Scan Points (Scan to CAD)			x	x
Create Contour at Elevation			x	x
Create Contours			x	x
Create Custom Report			x	x
Create Cut/Fill Map			x	x
Create Hatch			x	x
Create Horizontal Alignment Label			x	x
Create Leader Lines			x	x
Create Line Label Table			x	x
Create Linear Dimensions			x	x
Create Linestring from Points			x	x
Create Planar Surface			x	x
Create Point Cloud Region			x	x
Create Point Label Table			x	x
Create Points at Intervals			x	x
Create Points from CAD			x	x
Create Polygon Label Table			x	x
Create Quick Contour at Elevation			x	x
Create Quick Contours			x	x
Create Stored Cross-Section			x	x
Create Surface			x	x
Create Surface Cross-Section			x	x
Create Surface Edge Breakline			x	x
Create Surface Elevation Grid			x	x
Create Surface Intersection			x	x
Create Surface Intersection Lines			x	x
Create Surface Profile			x	x
Create Surface Tie			x	x
Create Volume Grid			x	x

Command Matrix

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Define Corridor Strata			x	x
Densify an alignment based surface			x	x
Dimension Style Manager			x	x
Disable Baselines			x	x
Disable Sessions			x	x
Disable Trajectories			x	x
Divide Line			x	x
Drape Objects On Surface			x	x
Earthwork Report			x	x
Edit Alignment Labels			x	x
Edit Color Mapping			x	x
Edit Custom Report			x	x
Edit Dimensions			x	x
Edit Label Table			x	x
Enable Baselines			x	x
Enable Sessions			x	x
Enable Trajectories			x	x
Export RXL Road Format from Alignment			x	x
Export RXL Road Format From Surface			x	x
Extra Large Point Size			x	x
Fillet/Chamfer			x	x
Finished Pavement Report			x	x
Finished Surface Report			x	x
Flatten Surface			x	x
Flip an Azimuth Bearing Label			x	x
Force Continuous			x	x
Geometry Report			x	x
Georeference Image			x	x
Georeference Vector PDF			x	x
Get All points			x	x
Get Unused Points			x	x
GNSS Loop Closure			x	x
GNSS Loop Closure Results Report			x	x
Google Earth			x	x
GVX Exporter			x	x
Import Vector PDF Data			x	x
Insert Image			x	x
Internet Download			x	x
Keep In			x	x
Keep Out			x	x
Label Contours By Crossing			x	x
Label Lines			x	x
Label Points			x	x

Command Matrix

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Label Polygons			x	x
Label Style Manager			x	x
Label Table Style Manager			x	x
Labelling Scale Factor			x	x
Large Point Size			x	x
Match Properties			x	x
Measure Volume			x	x
Medium Point Size			x	x
Merge Regions			x	x
Merge Surfaces			x	x
Move/Rotate/Scale Objects			x	x
Move/Rotate/Scale Objects by Points			x	x
MSI Report			x	x
Network Adjustment Report			x	x
New Time-Based View			x	x
Normal Shading			x	x
Number of loaded points (display Options)			x	x
Pavement Conformance Report			x	x
Place Image			x	x
Point Cloud Rendering Settings			x	x
Points to Surface			x	x
Points to Surface Report			x	x
Process Baselines			x	x
REB 21.003 Volume Report			x	x
REB 21.033 Linear Surface Areas Report			x	x
REB 22.013 Prismatic Volume Report			x	x
REB 23.003 Calculation Report			x	x
REB Tools			x	x
Rebuild Alignment Labels			x	x
Rebuild Contours			x	x
Rebuild Surface			x	x
Render Point Cloud Region			x	x
Render Point Cloud Region Using Color-Coded Intensity			x	x
Render Point Cloud Region Using Gray-Scale Intensity			x	x
Render Point Cloud Region Using Region Color			x	x
Render Point Cloud Region Using Scan Color			x	x
Render Point Cloud Regions Using Color by Elevation			x	x
Render Point Cloud Regions Using True Color			x	x
RenderByBlendedIntensity			x	x
Rendering Settings			x	x
RenderPointCloudSwitch			x	x
Restore All			x	x

Command Matrix

Survey Office v5.90 Software - Editions

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Restore Region			x	x
Sample Point Cloud Regions			x	x
Sample Point Clouds			x	x
Select Similar			x	x
Send to RTX-PP			x	x
Session Editor			x	x
Set Line Elevation			x	x
Show Map			x	x
Shrink 3D Faces			x	x
Small Point Size			x	x
Standardize Layers			x	x
Stored Cross-Section Editor			x	x
Surface Information Report			x	x
Swap Label Sides			x	x
Swap Surface Triangles			x	x
Switch Point Size			x	x
Toggle Background Map			x	x
Track Region Outline			x	x
Traverse Adjustment Report			x	x
Trim Surface Edge			x	x
Trim/Extend Lines			x	x
Trimble Access Roads Strings			x	x
Trimble Access Roads RXL Templates			x	x
Add Isopach				x
Assign Names from Inside Text				x
Best-Fit Line				x
Build Sheets				x
Camera Calibration				x
Camera Calibration Check Report				x
Combine Surfaces				x
Convert to Linestring				x
Copy to Sheet				x
Corridor Definition Report				x
Corridor Earthwork Report				x
Create 3D PDF				x
Create COGO				x
Create Corridor				x
Create Corridor Surface				x
Create Custom Sheet				x
Create Dynaview				x
Create Dynaview Boundary Collection				x
Create Linestring from Point Cloud				x

Command Matrix

Survey Office v5.90 Software - Editions

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
Create Plan Set				x
Create Projected Surface				x
Create Quick Profile				x
Create Radial Surface				x
Create Rectified Image				x
Create Scale Bar				x
Create Shareable Slope Table				x
Create Sheet Set				x
Create Side Slope				x
Create Sub-Template				x
Create Surface From Reference File				x
Define Depth Plane				x
Delete Dynaview Boundary Collection				x
Divide Area				x
Double Proportioning				x
Double Proportioning Report				x
Drafting Templates				x
Dynaview Collection				x
Edit Alignment as Spreadsheet				x
Edit Corridor				x
Edit Corridor Template				x
Edit Dynaview Boundary Collection				x
Edit Shareable Slope Table				x
Edit Sheet Set				x
Explode Dynaview Grid				x
Explode Surface				x
Grid Style Manager				x
History Log View				x
Import MXDB Database				x
Insert Corridor Template				x
Legal Description Writer				x
List Project Objects				x
Macros				x
Manage Material Layers				x
Manage Template Node Names				x
Manual (MX7) Camera Calibration				x
Map Check Report				x
Mapillary Panorama Exporter				x
Measure Photo Point				x
Merge Survey Projects				x

Command Matrix

Survey Office v5.90 Software - Editions

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Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
New Photo Point Spreadsheet				x
New Sheet View				x
Offset Surface				x
Points Area				x
Print Plan Set				x
Process Panoramas				x
Publish to Clarity				x
Quick Line				x
Reproject Surface				x
Roughness Index Report				x
Select Point Cloud By Boundary				x
Single Proportioning				x
Single Proportioning Report				x
Station Offset Elevation Report				x
Superelevation Diagram				x
Superelevation View				x
Surface To Pts				x
Switch Text				x
Terrestrial Bundle Adjustment Report				x
TopoDOT Export - Mobile Mapping Data				x
Transform Survey Points				x
Transform Survey Points Report				x
Trimble MX Cubical Exporter				x
Trimble MX Panorama Exporter				x
Virtual DR				x
XML Horus Exporter				x

Command Matrix

Survey Office v5.90 Software

Modules

Each Survey Office (SO) 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.
- **GIS Module:** Seamlessly integrate GIS data from Trimble Access™ + TerraSync™ software into TBC + connect to external GIS databases.
- **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.

Command Matrix

Survey Office v5.90 Software - Modules

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Command	Aerial Photogrammetry	GIS	Scanning	Tunneling
Adjust Photo Stations	x			
Adjust Photo Stations with GCPs	x			
Create Deliverables	x			
Export Flight Mission	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			
Add GIS Connection		x		
Export ESRI File Geodatabase		x		
Export Geodatabase XML		x		
Get GIS Schema		x		
GIS Connection Manager		x		
Import .cor Files		x		
Import ESRI File Geodatabase		x		
Import SSF Files		x		
Map Metadata		x		
Read Features from GIS		x		
Remove GIS Connection		x		
Write Features to GIS		x		
Ambient Shading Display			x	
Create High/Low Point			x	
Create Orthophoto			x	
Create Scan Station			x	
Drape Objects on a Point Cloud			x	
Enhanced Ambient Shading Mode			x	
Extract Classified Point Cloud Regions - Indoor / Outdoor			x	
Extract Cross-sections From Point Clouds			x	
Extract Geometry			x	
Extract Ground			x	
Extract Line Feature			x	
Extract Point Feature			x	
Extract Stockpile			x	
Filter Point Cloud			x	
Georeference Scan			x	
Import FLS Scan Files			x	
Import TZF Scan Files			x	
Intensity Based Filtering			x	
Measure Overhead Line Clearance			x	
Measure Vertical Clearance			x	
No Shading Display			x	
Normal Shading Display			x	

Command Matrix

Survey Office v5.90 Software - Modules

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Command	Aerial Photogrammetry	GIS	Scanning	Tunneling
Outline Visibility Mode			x	
Point Cloud Region Classifier (Classify Point Clouds)			x	
Point Cloud Smart Picking			x	
Sample Point Cloud Regions by Intensity			x	
Scan Georeferencing			x	
Scan Inspection Report			x	
Scan Refinement Report			x	
Scan Registration			x	
See Inside Visibility Mode			x	
Stockpile Report			x	
Add/Remove As-Built Tunnel Mesh Members				x
Add Tunnel Shape Template				x
Assign Tunnel As-Built 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
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
Import TXL				x
Rebuild As-Built Tunnel Mesh				x
Select Tunnel Points				x
Tunnel As-Built Report				x
Tunnel As-Built Report (with best-fit circle)				x
Tunnel ASCII Report				x
Tunnel Inspection Report				x
Tunnel Inspection View				x
Tunnel Set Outs As-Built Report				x
Tunnel View				x

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

No guarantees are implied and you should confirm licensing details with your Distribution Partner before purchasing.