

Survey Office v5.50 Feature Matrix

Each Survey Office (SO) edition and module are designed to support a set of related workflows and features. The SO licensing structure requires a single edition with the ability to add multiple modules.

Bold indicates a new or enhanced feature in Survey Office v5.50.

Aerial Photogrammetry module: Process + create deliverables with Trimble + third-party UAV data in SO + UASMaster (included)

GIS module: Seamlessly integrate GIS data from Survey Pro, TerraSync, + TerraFlex software + connect to external GIS databases

Scanning module: Classify regions, extract features, + create deliverables from third-party point clouds

Tunneling module: Create + edit tunnel models + create customized as-built + geometry reports

Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
CAD Command Line	x	x	x	x
Coordinate System Management	x	x	x	x
Data Viewing	x	x	x	x
Feature Definition Management	x	x	x	x
Feature Library Creation + Editing	x	x	x	x
GNSS Online Planning	x	x	x	x
Measure Codes	x	x	x	x
SiteVision AR Exporter	x	x	x	x
SketchUp Compatibility	x	x	x	x
Trimble Clarity Viewer	x	x	x	x
Trimble Field Data Import + Export	x	x	x	x
Trimble Sync Manager	x	x	x	x
VisionLink	x	x	x	x
Basic CAD + COGO Tools		x	x	x
Data Spreadsheets		x	x	x
Detect Crossing Geometry		x	x	x
Feature Code Processing		x	x	x
Georeference + Export IFC for Trimble Access		x	x	x
Import + Adjust Level Data		x	x	x
Import + Export ESRI Shapefiles		x	x	x
Local Site Settings		x	x	x
Optical Data Processings		x	x	x
Station Panorama Exporter		x	x	x
Third-Party Data Exports		x	x	x
TopoDOT Export - Terrestrial Scan Data		x	x	x
X7 to TMX Export		x	x	x
Create + Edit Alignments			x	x
Create + Edit Surfaces			x	x
Create Points from CAD			x	x
Earthwork Reports			x	x
Point Cloud Viewing + Sampling			x	x
Surface + Stored Cross-Section Reports			x	x
Surface Contours			x	x
View Data in Google Earth			x	x

Editions (continued)

Command	Viewer	Field Data	Survey Intermediate	Survey Advanced
ALTA Relative Precision Report			x	x
Customized Reports			x	x
Dimensions + Annotations			x	x
Display Background Maps			x	x
Dynamic Label + Table Creation			x	x
Georeference PDFs			x	x
GNSS Baseline Processing			x	x
Grid + Ground Labeling			x	x
Image Tools			x	x
Network Adjustments			x	x
Site Calibration Tools			x	x
Traverse Adjustments			x	x
Trimble RTX GNSS PP Service			x	x
Automated Cross-Section Plots				x
Corridor Design Tools				x
Create 3D PDFs				x
Create COGO + Survey CAD Commands				x
Create Plan + Sheet Sets				x
Create Rectified Images				x
Create Side Slope				x
Create Subplanes Along a Path				x
Cutting Plane View + Plane Manager				x
Dynamic Scale Bars				x
Dynaview Links to Model Space				x
Generate Panorama Images				x
History Log View				x
Import + View Mobile Mapping Data				x
Legal Description Writer				x
Macros Creation + Application				x
Merge Survey Projects				x
Parcel + Map Check Routines				x
Projected, Radial, + Vertical Surfaces				x
Publish to Trimble Clarity v1				x
Single + Double Proportioning				x
Superelevation Diagrams				x
TopoDOT Export - Mobile Mapping Data				x
Trimble VISION Support				x
Virtual DR				x

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Command	Aerial Photogrammetry	GIS	Scanning	Tunneling
Adjust Photo Stations	x			
Adjustment with Ground Control Points	x			
Advanced UAS Adjustment	x			
Create Orthomosaic, Point Cloud, + DSMs	x			
Delair UX11 Support	x			
Hardware Agnostic Support in UASMaster	x			
Import DJI UAV Data	x			
senseFly eBee SODA Support	x			
UASMaster v9.x	x			
Extract Schema into Feature Libraries		x		
Import + Export File Geodatabases		x		
Import COR Files		x		
Map Metadata		x		
Post-process SSF Data		x		
Read GIS Data from Data Sources		x		
Upload Features to GIS Data Sources		x		
Automatic Ground Extraction			x	
Automatic Region Classification			x	
Create CAD Points from Scan Points			x	
Create Orthophoto Images			x	
Extract Cross-sections From Point Clouds			x	
Extract Line Feature			x	
Extract Point Features			x	
Georeference Scan Data			x	
Import FARO Scan Data			x	
Import TZF (Trimble TX6 + TX8) Data			x	
Intensity-based Point Cloud Filtering			x	
Pairwise Point Cloud Registration			x	
Plane-based Point Cloud Registration			x	
Assign Point Cloud to Tunnel As-Built				x
Create + Edit Tunnel Corridors				x
Create Setout Points				x
Create Tunnel Inspection Map				x
Create Tunnel Inspection Points				x
Custom As-Built Tunnel Reports				x
Draft Plan Sets with Tunnel Geometry				x
Extract Classified Tunnel Regions				x
Import + Export to Trimble Access Tunnels				x
Render Design + As-Built Tunnel Mesh				x
Tunnel Geometry Reports				x
Tunnel Inspection Report				x

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