

AutoCAD® Map 3D vs. AutoCAD® vs. AutoCAD LT®

Comparison Matrix

LEGEND

- ✓ Feature supported
- AutoCAD Map 3D specific feature

	AUTOCAD MAP 3D	AUTOCAD	AUTOCAD LT
DRAFTING (2D)			
Express Tools	✓	✓	✓
Layer Groups	✓	✓	✓
Create a Sheet Index	✓	✓	✓
GIS Polygons (Mpolygon)	✓		
Rubbersheeting	✓		
Annotation	✓		
COGO (coordinate geometry)	✓		
Tool Palettes	✓	✓	✓
Multiline Text (MTEXT)	✓	✓	✓
Dimensioning	✓	✓	✓
Data Extraction (Block Attributes and Objects)	✓	✓	✓
Tables	✓	✓	✓
Views/Viewports	✓	✓	✓
Layer Isolate (LAYISO)	✓	✓	✓
Layer Dialog Box	✓	✓	✓
Dynamic Blocks	✓	✓	✓
Dynamic and Pointer Input	✓	✓	✓
Dynamic Dimensioning	✓	✓	✓
QuickCalc Calculator	✓	✓	✓
Annotation Scaling	✓	✓	✓
Layer Properties per Viewport	✓	✓	✓
Multiple Segment Leaders	✓	✓	✓
Multiple Line MTEXT Attributes	✓	✓	✓
Table Spanning	✓	✓	✓
Linking Tables with Microsoft® Excel®	✓	✓	✓
MTEXT Columns	✓	✓	✓

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	AUTOCAD MAP 3D	AUTOCAD	AUTOCAD LT
MTEXT Paragraph Spacing	✓	✓	✓
SteeringWheels™	✓	✓	✓
Menu Browser	✓	✓	✓
Action Recorder	✓	✓	
Polygon Split and Merge functions (FDO Data Access Technology)	✓		
CONCEPTUAL DESIGN (3D)			
Solids—Create and Edit	✓	✓	
Vector and Raster Draping on Surfaces (e.g. DEM)	✓		
Real-Time Feedback While Modeling	✓	✓	
Helix	✓	✓	
Sweeps and Lofts	✓	✓	
Face, Edge, Vertex Manipulation	✓	✓	
Dynamic User Coordinate System (UCS)	✓	✓	
Work in Perspective View	✓	✓	
Section Planes/Cuts	✓	✓	
Flatten 3D Geometry into 2D	✓	✓	
Interference Checking	✓	✓	
Walk-Through Navigation	✓	✓	
ViewCube™ Feature	✓	✓	
DATA ANALYSIS			
Topology	✓		
DWG™ Query	✓		
Thematic Mapping	✓		
Coordinate Tracker	✓		
Buffering	✓		
Expression Evaluator	✓		
Ad Hoc Joins	✓		
Calculated Attribute Fields	✓		

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PRESENTATIONS			
Photo-Real Rendering	✓	✓	
Lights (Photometric)	✓	✓	
Cartographic Stylization of DWG Data (Display Manager)	✓		
Materials	✓	✓	
Cameras	✓	✓	
Display Modes (Visual Styles, Transparency, Edge Effects)	✓	✓	
Transparent Solids	✓	✓	
Real-Time Shadows	✓	✓	
Drag-and-Drop Materials	✓	✓	
Cartographic Stylization for GIS Data (FDO Data Access Technology)	✓		
Animations	✓	✓	
DATA MANAGEMENT			
Coordinate System Support and Translation	✓		
Import and Export CAD and GIS Files (e.g. SHP, TAB, GML, SDTS)	✓		
Multi-user DWG Editing	✓		
Drawing Cleanup	✓		
Object Classification	✓		
Oracle® Database Read/Write	✓		
ESRI® ArcSDE® Read/Write	✓		
FDO User Manager	✓		
Direct Read/Write GIS Data (FDO Data Access Technology)	✓		
Schema Editor	✓		
Data Table	✓		
Bulk Copy Tools	✓		
Metadata Creation	✓		
Import, Export, and Underlay DGN 8 and XM files	✓	✓	✓
Use of Open Source and Third-Party FDO Data Providers	✓		
Import and Export of SDF 3 Files	✓		
Constraints for FDO Data Sources	✓		

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	AUTOCAD MAP 3D	AUTOCAD	AUTOCAD LT
WORKFLOW			
Autodesk® Buzzsaw® Integration	✓	✓	✓
Distribute Transmittal Sets	✓	✓	✓
Standards Manager	✓	✓	
Digital Signatures and Passwords	✓	✓	✓
Communication Center	✓	✓	✓
Manage DWF™ Markups	✓	✓	✓
Sheet Sets	✓	✓	
Workspaces	✓	✓	✓
Save AutoCAD® Release 14 DWG™ files	✓	✓	✓
Use DWF as Underlay/Reference	✓	✓	✓
Import, Export, and Underlay DGN 8 and XM Files	✓	✓	✓
PUBLISHING			
Layouts	✓	✓	✓
Nonrectangular Viewports	✓	✓	✓
Lineweights	✓	✓	✓
Publish DWF (Sheet Sets)	✓	✓	
Shaded/Rendered Plotted Output	✓	✓	✓
Plot in the Background	✓	✓	✓
Publish DWF with Object Data and Feature Attributes	✓		
Publish DWF with Block Attribute	✓	✓	✓
Publish a 3D DWF	✓	✓	
Map Books	✓		
Publish PDF	✓	✓	✓
Publish to Autodesk® MapGuide Enterprise	✓		
Publish to Georeferenced DWF	✓		

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USER ASSISTANCE			
Ask Me	✓	✓	✓
AutoCAD Support Assistance (ASA)	✓	✓	✓
New Features Workshop	✓	✓	✓
Tutorials	✓	✓	✓
Best Practices for Managing Geospatial Data	✓		
AutoCAD Map 3D Skill Builders	✓		
GIS Skills for Engineers	✓		
Workflow Guide	✓		
InfoCenter	✓	✓	✓
Sample Data	✓		
SOFTWARE MANAGEMENT			
Autodesk Product Manager	✓	✓	
Globetrotter FLEXlm® Network Licensing	✓	✓	
License Borrowing on a Network Server	✓	✓	
Migration of Customized Settings	✓	✓	✓
Citrix Ready™ Deployment	✓		
OPERATING SYSTEM SUPPORT			
Windows XP Professional (SP2)	✓	✓	✓
Windows Vista® Enterprise	✓	✓	✓
Windows Vista Ultimate	✓	✓	✓
Windows Vista Business	✓	✓	✓
64-BIT SUPPORT			
Native 64-bit		✓	✓