

AutoCAD® Map 3D

Release Comparison Matrix

LEGEND

- ✓ Supported Feature
- ENHANCED** Enhanced Feature
- NEW** New Feature

	2009	2010	2011
DATA ANALYSIS & VISUALIZATION			
Adhoc Joins	✓	✓	✓
Buffering	✓	✓	✓
Calculated Attribute Fields	✓	✓	✓
Thematic Mapping	✓	✓	✓
Topology (Drawing Objects)	✓	✓	✓
DWG Query	✓	✓	✓
Walk and Fly Tools	✓	✓	✓
Coordinate Tracker	✓	✓	ENHANCED
Expression Evaluator	✓	✓	✓
Vector and Raster Draping on Surfaces (e.g. DEM)	✓	✓	ENHANCED
Overlay Analysis (Features)		✓	ENHANCED
Multicoordinate System Tracker			NEW
Point Cloud Analysis and Visualization			NEW
USABILITY			
Application Menu (previously called Menu Browser)	✓	✓	✓
Tool Palettes	✓	✓	✓
Quick Access Toolbar	✓	✓	✓
SteeringWheels®	✓	✓	ENHANCED
ViewCube® Feature	✓	✓	ENHANCED
Workspaces	✓	✓	ENHANCED
Menu Tooltips	✓	✓	ENHANCED
Command Locator		✓	✓
PDF Underlay		✓	✓

	2009	2010	2011
DRAFTING			
Annotation	✓	✓	✓
Annotation Scaling	✓	✓	✓
Views	✓	✓	✓
Rubbersheeting	✓	✓	✓
Layouts	✓	✓	✓
Mpolygon (GIS Polygon)	✓	✓	✓
Geodetic Distance Tool	✓	✓	✓
Area Tool	✓	✓	✓
Color Selection	✓	✓	✓
Coordinate Geometry (COGO)	✓	✓	✓
Data Extraction	✓	✓	✓
Dimensioning	✓	✓	✓
Distance Tool	✓	✓	✓
Find and Replace	✓	✓	✓
Multiline Text (MTEXT)	✓	✓	✓
Multileaders	✓	✓	✓
Purge	✓	✓	✓
Spell Checker	✓	✓	✓
Viewports	✓	✓	✓
Spline Edit	✓	✓	ENHANCED
Pline Edit	✓	✓	ENHANCED
Dimensional Constraints		✓	ENHANCED
Hatch	✓	✓	ENHANCED
Blocks	✓	✓	ENHANCED
Block Attributes	✓	✓	ENHANCED
Tables	✓	✓	ENHANCED
Geometry Measurement Tools		✓	✓
Geometric Constraints		✓	✓
Reverse Tool (Lines, Polylines, Splines, Helixes)		✓	✓
Manual feature extraction from Point Clouds			NEW
WORKFLOW			
Sheet Sets	✓	✓	✓
Action Recorder	✓	✓	ENHANCED
Workflow Designer		✓	ENHANCED

	2009	2010	2011
DATA INTEROPERABILITY			
Data Linking with Microsoft® Excel®	✓	✓	✓
DWF™ Underlay	✓	✓	✓
Microstation® DGN Import, Export, and Underlay	✓	✓	✓
Oracle® Database Read/Write	✓	✓	✓
Import and Export CAD and GIS files (e.g. SHP, SDF, TAB, GML, SDTS)	✓	✓	✓
Open Source and Third-Party FDO Data Provider Integration	✓	✓	ENHANCED
Coordinate System Support and Transformation	✓	✓	ENHANCED
Direct Read/Write Spatial Data (FDO technology)	✓	✓	ENHANCED
PostGIS Database Read/Write	✓	✓	ENHANCED
ESRI® ArcSDE® Read/Write	✓	✓	ENHANCED
Microsoft® SQL Server® 2008 Read/Write		✓	ENHANCED
Import Points (ASCII, LIDAR LAS and XYZ)			ENHANCED
SQLite Read/Write			NEW
Create DEMs from Point Cloud Data (GeoTiff / ASC)			NEW
DATA MANAGEMENT			
Attribute Constraints (FDO technology)	✓	✓	✓
Drawing Cleanup	✓	✓	✓
FDO User Manager	✓	✓	✓
Metadata Creation	✓	✓	✓
Multi-user DWG Query and Editing	✓	✓	✓
Object Classification	✓	✓	✓
Classification Toolkits for Water, Wastewater, and Electric*	✓	✓	✓
Polygon Split and Merge functions (FDO technology)	✓	✓	✓
Schema Editor	✓	✓	✓
Bulk Copy	✓	✓	✓
Data Table	✓	✓	✓
Point Groups		✓	ENHANCED
OPERATING SYSTEM SUPPORT			
Windows® XP Professional (SP2)	✓	✓	✓
Windows Vista® Business, Enterprise and Ultimate	✓	✓	✓
64-bit (Windows Vista Enterprise and Windows XP Professional)		✓	✓

	2009	2010	2011
PRESENTATION			
Animation Paths	✓	✓	✓
Cameras	✓	✓	✓
Cartographic Stylization of DWG Data (Display Manager)	✓	✓	✓
Cartographic Stylization for GIS Data (FDO technology)	✓	✓	✓
Lights (Photometric)	✓	✓	ENHANCED
Materials	✓	✓	ENHANCED
Photorealistic Rendering	✓	✓	ENHANCED
Visual Styles	✓	✓	ENHANCED
Mesh Editing		✓	ENHANCED
Mesh Primitives		✓	✓
Mesh Smoothing		✓	✓
Mesh Conversion		✓	✓
PUBLISHING			
DWF Publish (including Object Data and Feature Attributes)	✓	✓	✓
3D DWF Publish	✓	✓	✓
Map Books	✓	✓	✓
Publish to Autodesk MapGuide® Enterprise Software	✓	✓	✓
Publish to Georeferenced DWF	✓	✓	✓
Autodesk® Impression Software*	✓	✓	✓
Autodesk® Seek Web Service	✓	✓	✓
Display Manager Map to DWG	✓	✓	✓
DWFX format	✓	✓	✓
Electronic Transmittal Sets	✓	✓	✓
PDF Publish	✓	✓	✓
SLT Output	✓	✓	✓
3D Printing		✓	✓
Grids and Graticules			NEW
SOFTWARE MANAGEMENT			
Citrix Ready™ Deployment	✓	✓	✓
CUIx File Format		✓	✓
Online License Transfer		✓	✓

	2009	2010	2011
USER ASSISTANCE			
AutoCAD® Support Assistance (ASA)	✓	✓	✓
InfoCenter	✓	✓	✓
Search	✓	✓	ENHANCED
Animations in the Help System	✓	✓	ENHANCED
AutoCAD Map 3D Skill Builders	✓	✓	ENHANCED
New Features Workshop	✓	✓	ENHANCED
GIS Skills for Engineers	✓	✓	ENHANCED
Tutorials	✓	✓	ENHANCED
Workflow Guide	✓	✓	ENHANCED
Best Practices for Managing Geospatial Data	✓	✓	ENHANCED

*Available to customers with an active Subscription to AutoCAD Map 3D software.

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