AutoCAD® MAP 3D

Release Comparison Matrix

LEGEND

★ New Feature
☆ Improved Feature
✓ Supported Feature

USEABILITY

	2007	2008	2009	2010
Application Menu (previously called Menu Browser)			★	☆
Menu Tooltips			★	☆
Quick Access Toolbar			★	☆
Ribbon				★
Ribbon Commnad Locator				★
Tool Palettes	✓	☆	✓	☆
SteeringWheels™ Tool			★	✓
ViewCube® Feature			★	✓
Workspaces	☆	☆	☆	☆

DRAFTING

	2007	2008	2009	2010
Annotation	✓	✓	✓	✓
Annotation Scaling		★	✓	✓
Area Tool	✓	✓	✓	☆
Blocks	✓	☆	☆	☆
Block Attributes	✓	☆	✓	✓
Color Selection	✓	✓	✓	☆
Coordinate Geometry (COGO)	✓	✓	✓	☆
Data Extraction	✓	☆	✓	☆
Dimensioning	✓	☆	✓	☆
Dimensional Constraints				★
Distance Tool	✓	✓	✓	☆
Find and Replace	✓	✓	☆	☆

Autodesk®

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DRAFTING	2007	2008	2009	2010
Geodetic Distance Tool	✓	✓	✓	✓
Geometry Measurement Tools				★
Geometric Constraints				★
Hatch	✓	☆	✓	☆
Layouts	✓	☆	☆	✓
Mpolygon (GIS Polygon)	✓	✓	✓	✓
Multiline Text (MTEXT)	✓	☆	☆	☆
Multileaders		★	✓	☆
Pline Edit	✓	✓	✓	☆
Purge	✓	✓	✓	☆
Reverse Tool (Lines, Polylines, Splines, Helixes)				★
Rubbersheeting	✓	✓	✓	✓
Spell Checker	✓	☆	✓	☆
Spline Edit	✓	✓	✓	☆
Tables	✓	☆	✓	✓
Views	✓	✓	☆	✓
Viewports	✓	☆	✓	☆

CONCEPTUAL DESIGN	2007	2008	2009	2010
Dynamic User Coordinate System (UCS)	★	✓	✓	✓
Flatshot	★	✓	✓	✓
Helix	★	✓	✓	✓
Interference Checking	☆	✓	✓	✓
Pyramid Solid	★	✓	✓	✓
Section Planes/Cuts	★	✓	✓	✓
Solid Primitives	☆	✓	✓	✓
Sweeps and Lofts	★	✓	✓	✓
Sub-Object Selection	★	✓	✓	☆
3D Gizmos	★	✓	✓	☆

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DATA ANALYSIS & VISUALIZATION				
Adhoc Joins		★	✓	✓
Buffering	✓	✓	☆	✓
Calculated Attribute Fields			★	✓
Coordinate Tracker	✓	✓	✓	✓
DWG™ Query	✓	✓	✓	✓
Expression Evaluator	✓	✓	☆	☆
Overlay (Features)				★
Thematic Mapping	☆	✓	✓	✓
Topology (Drawing Objects)	✓	✓	✓	✓
Vector and Raster Draping on Surfaces (e.g. DEM)	✓	✓	✓	☆
Walk and Fly Tools	★	✓	✓	✓
DATA INTEROPERABILITY				
Coordinate System Support and Transformation	☆	☆	☆	☆
Data Linking with Microsoft® Excel®		★	✓	✓
Direct Read/Write Spatial Data (FDO technology)	✓	✓	☆	☆
DWF™ Underlay	★	✓	✓	✓
ESRI® ArcSDE® Read/Write	☆	☆	☆	☆
Import ASCII Points				★
Import/Export LandXML				★
Import and Export CAD and GIS files (e.g. SHP, SDF, TAB, GML, SDTS)	✓	✓	✓	☆
Microstation® DGN Import, Export, and Underlay		★	✓	✓
Microsoft® SQL Server® 2008 Read/Write				★
Open Source and Third Party FDO Data Provider Integration		★	✓	✓
Oracle® Database Read/Write	✓	✓	✓	✓
PDF Underlay				★

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DATA MANAGEMENT

	2007	2008	2009	2010
Attribute Constraints (FDO technology)			★	✓
Bulk Copy	★	✓	✓	☆
Coordinate System Support and Translation	✓	✓	✓	☆
Data Table	★	✓	✓	☆
Drawing Cleanup	✓	✓	✓	✓
FDO User Manager	★	✓	✓	✓
Layers	✓	☆	☆	✓
Metadata Creation		★	☆	✓
Multi-user DWG Query and Editing	✓	✓	✓	✓
Object Classification	✓	✓	✓	✓
Classification Toolkits for Water, WasteWater, and Electric (Subscription Only)			★	✓
Polygon Split and Merge functions (FDO technology)			✓	✓
Point Groups				★
Schema Editor	★	✓	✓	✓

WORKFLOW

	2007	2008	2009	2010
Action Recorder			★	☆
Sheet Sets	✓	☆	☆	☆
Workflow Designer				★

PRESENTATIONS

	2007	2008	2009	2010
Animation Paths	★	✓	✓	✓
Cameras	★	✓	✓	✓
Cartographic Stylization of DWG Data (Display Manager)	✓	✓	✓	✓
Cartographic Stylization for GIS Data (FDO technology)	✓	✓	✓	✓
Lights (Photometric)	★	☆	✓	✓

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PRESENTATIONS				
Materials	★	✓	✓	✓
Mesh Conversion				★
Mesh Editing				★
Mesh Primitives				★
Mesh Smoothing				★
Photorealistic Rendering	★	✓	✓	✓
Visual Styles	★	✓	✓	✓
PUBLISHING				
Autodesk® Impression Software (Subscription Only)			★	☆
Autodesk® Seek Software			★	☆
Display Manager Map to DWG			★	☆
DWFx Format			★	☆
DWF Publish (including Object Data and Feature Attributes)	✓	✓	☆	✓
Electronic Transmittal Sets	✓	☆	✓	☆
3D Printing				★
3D DWF Publish	★	✓	✓	✓
Map Books	✓	✓	✓	✓
PDF Publish	★	✓	✓	☆
Publish to Autodesk MapGuide® Enterprise Software	★	☆	☆	✓
Publish to Georeferenced DWF		★	✓	✓
SLT Output	✓	✓	✓	☆
USER ASSISTANCE				
Animations in the Help System	✓	✓	☆	☆
AutoCAD Support Assistance (ASA)	✓	✓	✓	✓
AutoCAD Map 3D Skill Builders	✓	✓	☆	☆

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USER ASSITANCE				
Best Practices for Managing Geospatial Data	★	☆	☆	☆
GIS Skills for Engineers		★	☆	☆
InfoCenter		✓	✓	✓
New Features Workshop	☆	☆	☆	☆
Search	✓	✓	✓	✓
Tutorials	✓	☆	☆	☆
Workflow Guide		★	☆	☆
SOFTWARE MANAGEMENT				
Citrix Ready™ Deployment			★	☆
CUIx File Format				★
Online License Transfer				★
OPERATING SYSTEM SUPPORT				
Windows XP Professional (SP2)	✓	✓	✓	✓
Windows Vista® Business, Enterprise and Ultimate		★	✓	✓
64-bit (Windows Vista Enterprise and Windows XP Professional)				★