

Release Comparison Matrix

LEGEND

✓ Feature supported

* New feature

★ Improved feature

■ AutoCAD Map 3D-specific feature

	2006	2007	2008	2009
DRAFTING (2D)				
Express Tools	✓	✓	✓	✓
Layer Groups	✓	✓	✓	✓
Create a Sheet Index	✓	✓	✓	✓
GIS Ploygons (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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MTEXT Paragraph Spacing			✓	✓
SteeringWheels™ Feature				✱
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)	✓	✓	✓	★
Multiuser 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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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	✓	✓	✓	★
Animations in the Help System		✓	✓	✓
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			✓	✓