

Family Comparison Matrix

LEGEND	ALL PURPOSE			BUILDING		CIVIL ENGINEERING		MANUFACTURING		PLANT	
	AutoCAD LT®	AutoCAD®	Autodesk Design Suite	AutoCAD® Architecture	AutoCAD® MEP	AutoCAD® Map 3D	AutoCAD® Civil 3D®	AutoCAD® Mechanical	AutoCAD® Electrical	AutoCAD® P&ID	AutoCAD® Plant 3D
✓ Feature supported											
Native support for DWG™	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Free AutoCAD® WS account	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Network licensing		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Available for Mac OS® X		✓									
Ability to customize design software		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tools for professional drafting and detailing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tools for reviewing and marking up DWG™, DWF™, and PDF files	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support for international standards				✓	✓	✓	✓	✓	✓	✓	✓
Ability to create thematic maps and exhibits						✓	✓				
Tools built for transportation, land development, and water projects							✓				
Manufacturing-specific drafting features with access to over 700,000 standard parts								✓	✓		
Smart panel layout drawings with automatic project reports									✓		
Conceptual design capabilities		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Architectural design tools				✓							
MEP engineering tools					✓						
Integrated data management and BOM generation tools								✓	✓	✓	✓
Enhanced concept design and visualization workflows			✓								
Point cloud support		✓	✓	✓	✓	✓	✓			✓	✓
Cost estimating tools				✓	✓			✓			
Clash and conflict detection					✓						
Integrate CAD and GIS data						✓	✓				
Ability to conduct volume analysis and grading							✓				
Automated wire numbering and component tagging with real-time error checking									✓		