Autodesk® AutoCAD® 2018 vs. AutoCAD 2017, 2016 and 2015

Comparison matrix

FEATURE	AutoCAD 2018	AutoCAD 2017	AutoCAD 2016	AutoCAD 2015
USER INTERACTION				
Resizable modelspace viewports	✔	✔	✔	✔
Feature finder for help	✔	✔	✔	✔
Ribbon gallery	✔	✔	✔	✔
Override xref layer properties	✔	✔	✔	
Move/copy performance boost	✔	✔	✔	
Off-screen selection	✔	*		
File navigation dialog boxes remember sort order	✔			
Improved save performance	✔			
2D DRAFTING, DRAWING, AND ANNOTATION				
Text align	✔	✔	✔	✔
Revision cloud enhancements	✔	✔	✔	
Center of polygon object snap	✔	✔	✔	
Smart dimensioning	✔	✔	✔	
Smart centerlines/center marks	✔	✔		
Improved 2D graphics (stability, fidelity, performance)	✔	✔		
PDF import enhancements	✔	✔		
Gap support for complex and DGN linetypes	✔	*		
Combine Text tool	✔	*		
3D MODELING AND VISUALIZATION				
3D Orbit target	✔	✔	✔	✔
Point cloud enhancements	✔	✔	✔	
Render enhancements	✔	✔	✔	
Improved 3D graphics (stability, fidelity, performance)	✔	✔		
3D Print Studio	✔	✔		
Improved 3D navigation performance	✔	✔		

* indicates 2017 mid-year release feature

AUTODESK

FEATURE	AutoCAD 2018	AutoCAD 2017	AutoCAD 2016	AutoCAD 2015
COLLABORATION				
Reference Navisworks models	✔	✔	✔	
PDF output enhancements	✔	✔	✔	
AutoCAD mobile app	✔	✔		
Share Design View enhancements	✔	✔		
Xref path repair	✔			
INSTALLATION AND CUSTOMIZATION				
Sysvar monitor	✔	✔	✔	
Autodesk desktop app	✔	✔		
Migration tool enhancements	✔	✔		
New feature highlighting	✔	✔		
High-resolution monitor support	✔	*		
Online update for Bing Map services	✔			
Updated DWG file format	✔			

* indicates 2017 mid-year release feature

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