DraftSight™

2027 Product & Feature Comparison

KEY CAPABILITIES	Desktop Products			3DEXPERIENCE Products		
	PROFESSIONAL / ENTERPRISE	PREMIUM / ENTERPRISE PLUS	MECHANICAL	PROFESSIONAL	PREMIUM	MECHANICAL
ESSENTIAL TOOLS						
Draw Tools (Line, Polyline, Arc, Circle, Ellipse, Table, Hatch, Cloud, Block, and more)	●	●	●	●	●	●
Modify Tools (Move, Copy, Rotate, Array, Scale, Trim, Chamfer, Split, and more)	●	●	●	●	●	●
Layer, Block, Group, Print	●	●	●	●	●	●
Pasting to Active Layer	●	●	●	●	●	●
Layer Preview	●	●	●	●	●	●
Spline Editing With Fit and Control Vertices	●	●	●	●	●	●
Hatch Fill and Gradient	●	●	●	●	●	●
Discarding Duplicate Entities	●	●	●	●	●	●
Quick Modify (Copy, Move, Rotate, Scale)	●	●	●	●	●	●
Centerlines View	●	●	●	●	●	●
Navigator	●	●	●	●	●	●
Table Tools (Autofill, Broken Tables, Table Edits)	●	●	●	●	●	●
Lasso	●	●	●	●	●	●
Dimension Space	●	●	●	●	●	●
Drawing Unit Change	●	●	●	●	●	●
Show/Hide Menu Bar	●	●	●	●	●	●
ACTCMD and DELCMD Commands		●	●		●	●

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	PROFESSIONAL / ENTERPRISE	PREMIUM / ENTERPRISE PLUS	MECHANICAL	PROFESSIONAL	PREMIUM	MECHANICAL
PRODUCTIVITY TOOLS						
Toolbox (BOM, Revision Table, Hardware, Holes, Welding/Surface/Finish Symbols, and more)	●	●	●	●	●	●
Design Resources Library	●	●	●	●	●	●
Batch Printing	●	●	●	●	●	●
Tool Palettes	●	●	●	●	●	●
Merge Layer	●	●	●	●	●	●
Drawing Compare	●	●	●	●	●	●
Pattern (Linear, Polar, Path)	●	●	●	●	●	●
Automatic Dimensioning and Dimension Arrangement	●	●	●	●	●	●
Dimension Palette	●	●	●	●	●	●
Mass Properties Calculations	●	●	●	●	●	●
Quick Input Methods	●	●	●	●	●	●
Using Formulas in Table Cells	●	●	●	●	●	●
Viewport Layer Freezing	●	●	●	●	●	●
Block Attribute Manager	●	●	●	●	●	●
G-Code Generator	●	●	●	●	●	●
Power Trim	●	●	●	●	●	●
Image Tracer	●	●	●	●	●	●

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PRODUCTIVITY TOOLS						
Pack and Go	●	●	●	●	●	●
Publish to DWF Format	●	●	●	●	●	●
Contextual Gradient Ribbon	●	●	●	●	●	●
Contextual Pattern Ribbon	●	●	●	●	●	●
ECW Image format support	●	●	●	●	●	●
PROPERTYPAINTER Improvements	●	●	●	●	●	●
Associative Pattern - Path Option	●	●	●	●	●	●
DRAWINGRECOVERY Command	●	●	●	●	●	●
Automatic Post-Crash Restart	●	●	●	●	●	●
Flatten		●	●		●	●
Block Structure Palette		●	●		●	●
Multiple Visibility Elements		●	●		●	●
Dimensional Constraints for Blocks		●	●		●	●
Create and Edit Custom Blocks		●	●		●	●
Sheet Set Manager		●	●		●	●
3D Tools (3D Modeling, 3D Drafting, Solid Editing, Mesh, and more)		●	●		●	●
Constraints		●	●		●	●

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	PROFESSIONAL / ENTERPRISE	PREMIUM / ENTERPRISE PLUS	MECHANICAL	PROFESSIONAL	PREMIUM	MECHANICAL
PRODUCTIVITY TOOLS						
START TAB		●	●		●	●
PowerTools (Express Tools)		●	●		●	●
SMARTCALCULATOR Palette		●	●		●	●
QINPUT Dimensions		●	●		●	●
MVSETUP Command		●	●		●	●
MECHANICAL TOOLS						
Open, Edit, and Create Mechanical DWG Files			●			●
Create and Edit Bill of Materials (BOM)			●			●
Edit and Create Part References			●			●
Insert Part Reference Balloon Annotations			●			●
Automatically Apply Part References to Toolbox Hardware			●			●
Support for Drafting Standards (ANSI, ISO, DIN, JIS, and BSI)			●			●
Power Dimensioning Dialog Box			●			●
AMFITSLIST Command			●			●
Dimension Overdrawn Dialog Box			●			●
Support for AutoCAD Mechanical 2022 DWG Format			●			●

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	PROFESSIONAL / ENTERPRISE	PREMIUM / ENTERPRISE PLUS	MECHANICAL	PROFESSIONAL	PREMIUM	MECHANICAL
MECHANICAL TOOLS						
Nest Manager			●			●
Insert Inertia Calculations			●			●
JMTools Integration			●			●
BIM TOOLS						
Import IFC and RVT Files with BIM Navigator		●			●	
Apply BIM Filters with BIM Navigator		●			●	
Map Hatches to BIM Materials		●			●	
View BIM Entity Properties Palette		●			●	
BIM Drawing Annotation Management, Dimensioning, and Publishing		●			●	
BIM Data Extraction		●			●	
BIM Material Library		●			●	
BIM Advanced Reference Manager		●			●	
Optimizing the RELOAD-FROM Function		●			●	
BIM Drawings: IFC Stair Representation		●			●	
BIM Drawings: IFC Grid Line Support		●			●	
CURTAIN WALL in the Dimension		●			●	

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	PROFESSIONAL / ENTERPRISE	PREMIUM / ENTERPRISE PLUS	MECHANICAL	PROFESSIONAL	PREMIUM	MECHANICAL
INTEROPERABILITY TOOLS						
Dynamic Block Viewing	●	●	●	●	●	●
Dynamic Block Library (Ready-to-Use)	●	●	●	●	●	●
Auto/Visual LISP Import	●	●	●	●	●	●
3DEXPERIENCE® Marketplace Integration	●	●	●	●	●	●
HomeByMe Integration	●	●	●	●	●	●
Connectors for 3DEXPERIENCE, DELMIA®, SOLIDWORKS® Electrical, PDM	●	●	●	●	●	●
PDF Underlay	●	●	●	●	●	●
DGN Import/Convert and Underlay	●	●	●	●	●	●
CATIA® Drawing Import	●	●	●	●	●	●
PDF Import	●	●	●	●	●	●
Apply Same Path to Missing XREFS	●	●	●	●	●	●
Data Extraction Improvements	●	●	●	●	●	●
RX Tool	●	●	●	●	●	●
Export Table	●	●	●	●	●	●
Dynamic Block Editing		●	●		●	●
Data Link – Excel to DraftSight™		●	●		●	●
Export DWG to DGN		●	●		●	●

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	PROFESSIONAL / ENTERPRISE	PREMIUM / ENTERPRISE PLUS	MECHANICAL	PROFESSIONAL	PREMIUM	MECHANICAL
INTEROPERABILITY TOOLS						
STEP Import/Export		●	●		●	●
PCX Print Configuration Files		●	●		●	●
Custom color books (.ACB files)		●	●		●	●
DWG Digital Signatures		●	●		●	●
STL Import/Export		●	●		●	●
CUSTOMIZATION TOOLS						
Application Programming Interface (API)	●	●	●	●	●	●
Dark Mode	●	●	●	●	●	●
Macro Recording	●	●	●	●	●	●
SVG Scalable Icons for HD Displays		●	●		●	●
Resize Modelspace Viewports		●	●		●	●
Float Document Window Outside Main Application		●	●		●	●
Status Bar Display Customization; New Status Bar Mode	●	●	●	●	●	●
DIESEL Expressions with FIELDS	●	●	●	●	●	●

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	PROFESSIONAL / ENTERPRISE	PREMIUM / ENTERPRISE PLUS	MECHANICAL	PROFESSIONAL	PREMIUM	MECHANICAL
CLOUD COLLABORATION TOOLS*						
Community and Team Collaboration				●	●	●
Public, Private, and Secret Community Feeds				●	●	●
User Group Communities				●	●	●
Technical Support Communities				●	●	●
Dashboarding Tools				●	●	●
Cloud Storage (3DDrive, Google Drive, One-Drive, and more)				●	●	●
Drawing Visualization				●	●	●
Drawing Markup					●	●
Structured Collaboration					●	●
Cloud File Management					●	●
Product Lifecycle Management (PLM)					●	●
Design Organization with Bookmark Editor					●	●
Change Order Management					●	●
Project Management Tools					●	●
Document Workflow and Tracking					●	●
Batch Upload: Folder-to-Bookmark Structure Sync					●	●

* These capabilities are available only with named-user license.

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Virtual Worlds for Real Life

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