

DraftSight 2024

PRODUCT FEATURES



FEATURES	Professional/ Enterprise*	Premium/ Enterprise Plus**	Mechanical	3DEXPERIENCE Professional	3DEXPERIENCE Premium	3DEXPERIENCE Mechanical
Essential Tools						
Draw Tools (Line, Polyline, Arc, Circle, Ellipse, Table, Hatch, Cloud, Block...)	✓	✓	✓	✓	✓	✓
Modify Tools (Move, Copy, Rotate, Array, Scale, Trim, Chamfer, Split...)	✓	✓	✓	✓	✓	✓
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)	✓	✓	✓	✓	✓	✓
Insert Centerlines	✓	✓	✓	✓	✓	✓
View Navigator	✓	✓	✓	✓	✓	✓
Productivity Tools						
Toolbox (BOM, Revision Table, Hardware, Holes, Welding/Surface/Finish Symbols...)	✓	✓	✓	✓	✓	✓
Design Resources Library	✓	✓	✓	✓	✓	✓
Batch Printing	✓	✓	✓	✓	✓	✓
Tool Palettes	✓	✓	✓	✓	✓	✓
Merge Layer	✓	✓	✓	✓	✓	✓
Drawing Compare	✓	✓	✓	✓	✓	✓
Pattern (Linear, Polar, Path)	✓	✓	✓	✓	✓	✓

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Productivity Tools						
Automatic Dimensioning & 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	✓	✓	✓	✓	✓	✓
Pack and Go	✓	✓	✓	✓	✓	✓
Publish to DWF format	✓	✓	✓	✓	✓	✓
Create & Edit Custom Blocks		✓	✓		✓	✓
Sheet Set Manager		✓	✓		✓	✓
3D Tools (3D Modeling, 3D Drafting, Solid Editing, Mesh, etc.)		✓	✓		✓	✓
Constraints		✓	✓		✓	✓

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Mechanical Tools						
Open, edit and create Mechanical DWG files			✓			✓
Create, edit Bill of Materials (BOMs)			✓			✓
Edit and create part references			✓			✓
Insert part reference Balloon annotations			✓			✓
Automatically apply part references to Toolbox hardware			✓			✓
Support for drafting standards such as ANSI, ISO, Din, JIS, BSI			✓			✓
Interoperability Tools						
Dynamic Blocks Viewing	✓	✓	✓	✓	✓	✓
Dynamic Blocks Editing		✓	✓		✓	✓
Auto/Visual LISP Import	✓	✓	✓	✓	✓	✓
3DEXPERIENCE® Marketplace Integration	✓	✓	✓	✓	✓	✓
Data Link - Excel to DraftSight	✓	✓	✓	✓	✓	✓
HomeByMe Integration	✓	✓	✓	✓	✓	✓
3D Content Central Integration	✓	✓	✓	✓	✓	✓
3DEXPERIENCE, DELMIA, SOLIDWORKS Electrical, PDM Connectors	✓	✓	✓	✓	✓	✓
PDF Underlay	✓	✓	✓	✓	✓	✓
DGN Import/Convert & Underlay	✓	✓	✓	✓	✓	✓
CATIA drawing import	✓	✓	✓	✓	✓	✓
PDF Import		✓	✓		✓	✓

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Customization Tools						
Application Programming Interface (API)	✓	✓	✓	✓	✓	✓
SVG scalable icons for HD displays	✓	✓	✓	✓	✓	✓
Dark mode	✓	✓	✓	✓	✓	✓
Macro Recording	✓	✓	✓	✓	✓	✓
Cloud Collaborotio n Tools						
Community & Team Collaboration				✓	✓	✓
Public, Private, and Secret Community Feeds				✓	✓	✓
User Group Communities				✓	✓	✓
Technical Support Communities				✓	✓	✓
Dashboarding Tools				✓	✓	✓
Cloud Storage (3DDrive, Google Drive, One-Drive, etc.)				✓	✓	✓
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 & Tracking					✓	✓

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