

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 Collaboration 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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