



# **DRAFTSIGHT® PRODUCT MATRIX**

DraftSight Professional DraftSight Premium/ nterprise Plu

DraftSight Mechanical **3D**EXPERIENCE DraftSight

**3D**EXPERIENCE DraftSight Premium

**3D**EXPERIENCE DraftSight Mechanical

#### **KEY CAPABILITIES**

ESSENTIAL TOOLS						
<b>Draw Tools</b> (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	•	•	•	•	•	•

DraftSight Professional/ Enterprise

DraftSight Premium/ Enterprise Plus

DraftSight Mechanical

DraftSight Professional

DraftSight Premium

**3D**EXPERIENCE **3D**EXPERIENCE **3D**EXPERIENCE DraftSight Mechanical

## **KEY CAPABILITIES**

PRODUCTIVITY TOOLS						
<b>Toolbox</b> (BOM, Revision Table, Hardware, Holes, Welding/Surface/Finish Symbols, and more)	•	•	•	•	•	•
Design Resources Library		•	•	•	•	
Batch Printing	•	•	•	•	•	•
Tool Palettes	•	•	•	•	•	•
Merge Layer	•		•	•	•	•
Drawing Compare		•	•	•	•	•
<b>Pattern</b> (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	•	•	•	•	•	•
Pack and Go	•	•	•	•	•	•
Publish to DWF Format	•	•	•	•	•	•
Visual Style Manager	•	•	•	•	•	•
Flatten		•	•		•	•
Block Structure Palette		•	•		•	•
Multiple Visibility Elements		•	•		•	•
Dimensional Constraints for Blocks			•		•	•
Create and Edit Custom Blocks		•	•		•	•
Sheet Set Manager		•	•		•	•
<b>3D Tools</b> (3D Modeling, 3D Drafting, Solid Editing, Mesh, and more)		•	•		•	•
Constraints		•	•		•	•

DraftSight Professional/ Enterprise

DraftSight Premium/ Enterprise Plus

DraftSight Mechanical

DraftSight Professional

DraftSight Premium

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## **KEY CAPABILITIES**

MECHANICAL TOOLS						
Open, Edit, and Create Mechanical DWG Files			•			•
Create and Edit Bill of Materials (BOM)			•			•
Edit and Create Part References			•			•
nsert Part Reference Balloon Annotations			•			•
Automatically Apply Part References to Toolbox Hardware			•			•
Support for Drafting Standards (ANSI, ISO, DIN, JIS, and BSI)			•			•
BUILDING INFORMATION	MODELIN	IG (BIM)				
mport 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		•			•	
INTEROPERABILITY TOOL	.S					
Dynamic Block Viewing	•	•	•	•	•	•
Dynamic Block Library (Ready-to-Use)	•	•	•	•	•	•
Auto/Visual LISP Import	•	•	•	•	•	•
BDEXPERIENCE® Marketplace ntegration	•	•	•	•	•	•
HomeByMe Integration	•	•	•	•	•	•
Connectors for 3DEXPERIENCE, DELMIA®, SOLIDWORKS® Electrical, PDM	•	•	•	•	•	•
PDF Underlay	•	•	•	•	•	•
OGN Import/Convert and Underlay	•	•	•	•	•	•
CATIA® Drawing Import	•		•	•	•	
PDF Import	•	•	•	•	•	•
Oynamic Block Editing		•	•		•	•
Oata Link – Excel to DraftSight™		•	•		•	•
export DWG to DGN		•	•		•	•
STEP Import						

DraftSight Premium/ nterprise Plus

DraftSight Mechanica **3D**EXPERIENCE DraftSight

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#### **KEY CAPABILITIES**

CUSTOMIZATION TOOLS	3					
Application Programming Interface (API)						
Dark Mode						
Macro Recording						•
SVG Scalable Icons for HD Displays		•	•		•	•
CLOUD COLLABORATION	N TOOLS					
Community and Team Collaboration						
Public, Private, and Secret Community Feeds				•	•	•
User Group Communities				•	•	•
Technical Support Communities				•	•	•
Dashboarding Tools				•	•	•
<b>Cloud Storage</b> (3DDrive, Google Drive, One-Drive, and more	<u>=</u> )			•	•	•
Drawing Visualization				•	•	•
Drawing Markup					•	
Structured Collaboration					•	•
Cloud File Management					•	•
Product Lifecycle Management						

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