

# DRAFTSIGHT PRODUCT MATRIX

## KEY CAPABILITIES

DraftSight  
Professional/  
Enterprise

DraftSight  
Premium/  
Enterprise Plus

DraftSight  
Mechanical

3DEXPERIENCE  
DraftSight  
Professional

3DEXPERIENCE  
DraftSight  
Premium

3DEXPERIENCE  
DraftSight  
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



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## 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

● ● ● ● ● ●

### 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

● ● ● ● ● ●

### 3D Tools

(3D Modeling, 3D Drafting, Solid Editing, Mesh, and more)

● ● ● ● ● ●

### Constraints

● ● ● ● ● ●

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Premium/  
Enterprise PlusDraftSight  
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DraftSight  
Mechanical**KEY CAPABILITIES****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)	●	●

**BUILDING INFORMATION MODELING (BIM)**

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	●	●

**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	●	●	●	●	●	●
Dynamic Block Editing	●	●	●	●	●	●
Data Link – Excel to DraftSight™	●	●	●	●	●	●
Export DWG to DGN	●	●	●	●	●	●
STEP Import	●	●	●	●	●	●

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## CUSTOMIZATION TOOLS

Application Programming Interface (API)	●	●	●	●	●	●
Dark Mode	●	●	●	●	●	●
Macro Recording	●	●	●	●	●	●
SVG Scalable Icons for HD Displays		●	●		●	●

## 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					●	●

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