

# DRAFTSIGHT PRODUCT MATRIX

## KEY CAPABILITIES

DraftSight  
Professional

DraftSight  
Enterprise

DraftSight  
Premium

DraftSight  
Enterprise Plus

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



### View Navigator



### Table Tools

(Rebuild, Broken Tables, Table Edits)



### Lasso



### Dimension Space



### Drawing Unit Change



### Show/Hide Menu Bar



### Ribbon Optimization



### Contextual Ribbon for Gradients and Patterns



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Mechanical**KEY CAPABILITIES****ESSENTIAL TOOLS**

<b>NOTE Command</b> (Multiple Column Support)	●	●	●	●	●
<b>RENAME Command</b> (Wildcard Support)	●	●	●	●	●
<b>Copying With SCALE Command</b> (Copy Option)	●	●	●	●	●
<b>ViewTiles Controls</b>	●	●	●	●	●
<b>Manipulating ViewTiles</b>			●	●	●
<b>Start Page Tab</b>			●	●	●

**CLOUD COLLABORATION TOOLS\***

<b>Community and Team Collaboration</b>			●	●	●
<b>Public, Private, and Secret</b>			●	●	●
<b>Community Feeds</b>			●	●	●
<b>User Group Communities</b>			●	●	●
<b>Technical Support Communities</b>			●	●	●
<b>Dashboarding Tools</b>			●	●	●
<b>Cloud Storage</b> (3Drive, Google Drive, OneDrive, and more)			●	●	●
<b>Drawing Visualization</b>			●	●	●
<b>Drawing Markup</b>				●	●
<b>Structured Collaboration</b>				●	●
<b>Cloud File Management</b>				●	●
<b>Product Lifecycle Management (PLM)</b>				●	●
<b>Design Organization With Bookmark Editor</b>				●	●
<b>Change Order Management</b>				●	●
<b>Project Management Tools</b>				●	●
<b>Document Workflow and Tracking</b>				●	●

\* These capabilities are available only with single-user license.

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Mechanical**KEY CAPABILITIES****PRODUCTIVITY TOOLS**

<b>Toolbox</b> (BOM, Revision Table, Hardware, Holes, Welding/Surface/Finish Symbols, and more)	●	●	●	●	●
<b>Design Resources Library</b>	●	●	●	●	●
<b>Batch Printing</b>	●	●	●	●	●
<b>Tool Palettes</b>	●	●	●	●	●
<b>Merge Layer</b>	●	●	●	●	●
<b>Drawing Compare</b>	●	●	●	●	●
<b>Pattern</b> (Linear, Polar, Path)	●	●	●	●	●
<b>Automatic Dimensioning and Dimension Arrangement</b>	●	●	●	●	●
<b>Dimension Palette</b>	●	●	●	●	●
<b>Mass Properties Calculations</b>	●	●	●	●	●
<b>Quick Input Methods</b>	●	●	●	●	●
<b>Using Formulas in Table Cells</b>	●	●	●	●	●
<b>Viewport Layer Freezing</b>	●	●	●	●	●
<b>Block Attribute Manager</b>	●	●	●	●	●
<b>G-Code Generator</b>	●	●	●	●	●
<b>Power Trim</b>	●	●	●	●	●
<b>Image Tracer</b>	●	●	●	●	●
<b>Pack and Go</b>	●	●	●	●	●
<b>Publish to DWF Format</b>	●	●	●	●	●
<b>Visual Style Manager</b>	●	●	●	●	●
<b>Managing Missing External References</b>	●	●	●	●	●
<b>Insert Formula Column in Data Extraction</b>	●	●	●	●	●
<b>DIESEL Expressions</b> (FIELD Command Support)	●	●	●	●	●
<b>Flatten</b>			●	●	●
<b>Block Structure Palette</b>			●	●	●
<b>Multiple Visibility Elements</b>			●	●	●
<b>Dimensional Constraints for Blocks</b>			●	●	●
<b>Sheet Set Manager</b>			●	●	●
<b>3D Tools</b> (3D Modeling, 3D Drafting, Solid Editing, Mesh, and more)			●	●	●
<b>Constraints</b>			●	●	●
<b>New Powertools Ribbon Tab</b> (with New Features)			●	●	●
<b>Floating Document Windows</b>			●	●	●
<b>PCX Print Configuration Files</b>			●	●	●

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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)	●
Power Dimension Tool	●

**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	●	●	●	●	●
Auto/Visual LISP Import	●	●	●	●	●
3DEXPERIENCE® Marketplace Integration	●	●	●	●	●
HomeByMe Integration	●	●	●	●	●
Connectors for 3DEXPERIENCE, DELMIA®, SOLIDWORKS® Electrical, PDM	●	●	●	●	●
PDF Underlay	●	●	●	●	●
PDF Import	●	●	●	●	●
DGN Import/Convert and Underlay	●	●	●	●	●
ECW Image Format Support	●	●	●	●	●
Dynamic Block Library (Ready-to-Use)	●	●	●	●	●
CATIA® Drawing Import	●	●	●	●	●
Export DWG to DGN	●	●	●	●	●
Dynamic Block Editing	●	●	●	●	●
Data Link – Excel to DraftSight™	●	●	●	●	●
STEP Import	●	●	●	●	●

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### CUSTOMIZATION TOOLS

Application Programming Interface (API)	●	●	●	●	●
Dark Mode	●	●	●	●	●
Macro Recording	●	●	●	●	●
SVG Scalable Icons for HD Displays	●	●	●	●	●
CCS Icon Customization	●	●	●	●	●
Color Books			●	●	●

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