

# DraftSight Feature List

## User Environment & Features

- ✓ Cartesian coordinate system
- ✓ Command line input
- ✓ Traditional toolbars and menus
- ✓ Dynamic pan & zoom
- ✓ Wheel-mouse pan & zoom
- ✓ Blocks & Reference files
- ✓ Layers & Layer Manager
- ✓ Polygonal ViewPorts
- ✓ ViewPort locking
- ✓ Freeze, Lock or turn Off Layers per ViewPort
- ✓ Background masks for Notes
- ✓ Property Manager
- ✓ View proxy objects
- ✓ Command Aliases
- ✓ Menu files
- ✓ CTB and STB print style tables
- ✓ SHX and TTF fonts
- ✓ LineStyle files
- ✓ Hatch pattern files
- ✓ Templates

## Interoperability

- ✓ Read and write support for DWG/DXF files<sup>1</sup>
- ✓ Save DWG/DXF files back to previous versions<sup>1</sup>
- ✓ Create binary or ASCII DXF files<sup>1</sup>
- ✓ Attach Image files (.bmp, .gif, .jpg, .jpeg, .png, .tif, & .tiff)
- ✓ Attach external Reference drawings
- ✓ Export to file (.jpg, .pdf, .png, & .svg)
- ✓ Save as .jpeg, .pdf, .png, .sld, .svg, .tif, & .stl file formats
- ✓ Multi-page PDF creation
- ✓ Publish to *eDrawings* or *Drawings Now*

## Productivity Enhancers

- ✓ Consolidated Options dialog
- ✓ Enhanced, easy to read, command prompts
- ✓ Home Palette
- ✓ Smart Calculator
- ✓ Quick Print
- ✓ Context sensitive help

## Setup and administration

- ✓ Support for Windows, Mac & Linux operating systems
- ✓ Multi-language character set support including Unicode fonts
- ✓ Customizable interface: command aliases, double-click actions, menus, right-click menus, shortcut keys, toolbars, etc.
- ✓ Quick and free to download
- ✓ Fast, "one-click" installation

## Entities

- ✓ Arcs, Circles, & Lines
- ✓ Notes & SimpleNotes
- ✓ Tables
- ✓ Blocks and BlockAttributes
- ✓ Ellipses & elliptical arcs
- ✓ RichLines, PolyLines, 3D PolyLines, & Splines
- ✓ Points & rings
- ✓ Hyperlinks
- ✓ ViewPorts
- ✓ Masks & Region
- ✓ ISO, ANSI & Traditional Hatch patterns
- ✓ Solid & gradient Fill
- ✓ Dimensions: Arc length, radius, diameter, baseline, linear, ordinate, etc.
- ✓ Tolerances, Leaders & CenterMarks



## Drafting Tools

- ✓ Snap & Grid
- ✓ Chamfer & Fillet
- ✓ Tracking guides & Polar guides
- ✓ Get area, distance, or coordinates information
- ✓ Double-click editing
- ✓ Undo/Redo
- ✓ EntityGrips, EntitySnaps, Entity
- ✓ InfiniteLines, Rays & Reference Points
- ✓ Select entities using filters, SmartSelect, or by window, crossing window, crossline, polygonal window, etc.

## Drawing Setup Tools

- ✓ Customizable coordinate system
- ✓ RichLine styles
- ✓ Layer Manager
- ✓ Table Styles
- ✓ Points format
- ✓ Text Styles
- ✓ Unit System
- ✓ Multiple Layout
- ✓ Dimension Styles
- ✓ Named Page Layouts

## Edit Tools

- ✓ Move, scale & rotate
- ✓ Stretch & change length
- ✓ Mirror, copy, offset and pattern copy
- ✓ Modify Hatch and fill pattern, origin, etc
- ✓ Trim & extend
- ✓ Split & weld
- ✓ Edit blocks in-place or isolate for edit
- ✓ Clip references and images
- ✓ Open reference drawings from within the base drawing
- ✓ Edit note properties: direction, justification, line spacing, text height, TextStyle, etc.

1: Uses the Teigha™ Classic for .dwg files and Teigha for .dwg files specifications from the Open Design Alliance.

DraftSight and the DraftSight logos are trademarks of Dassault Systèmes in the US and/or other countries. Other brand and product names are trademarks of their respective owners. Copyright © 2010 Dassault Systèmes.