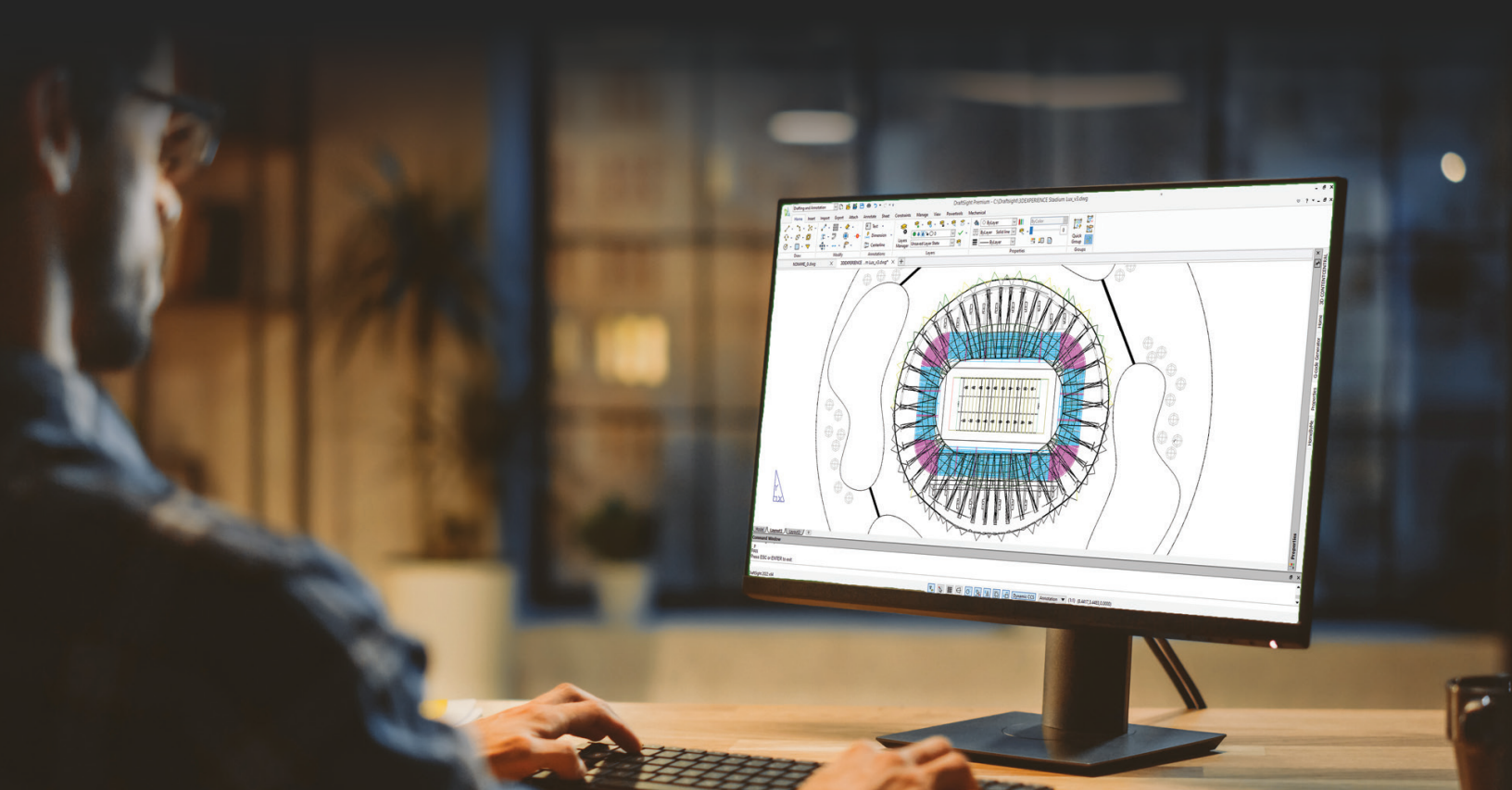# DRAFTSIGHT

## FREEDOM TO DO MORE WITH BETTER 2D DRAFTING AND 3D DESIGN EXPERIENCE

**Streamline your design process and deliver great designs through a seamless combination of powerful 2D drafting and 3D modeling capabilities.**

### OVERVIEW

DraftSight® provides an intuitive 2D drafting and 3D design experience for architects, engineers, construction service providers, professional CAD users, designers, makers, manufacturers, educators, and hobbyists. DraftSight enables you to create, edit, view, and mark up any kind of DWG file. It offers a familiar user interface that facilitates a quick transition from comparable CAD applications.

## BENEFITS

- Create, edit, view, and mark up any type of 2D and 3D DWG file.

- Reduce time spent on drafting, design, and documentation with powerful capabilities.

- Effectively manage large projects with sheets from multiple drawings.

- Reduce block variations by creating configurable Custom Blocks.

- Smooth viewing and editing of the legacy AutoCAD Dynamic Blocks.

- Experience the all-new Dark Mode with a unified user interface that helps reduce eyestrain.

- Customize and automate using macros and APIs, and easily transition existing workflows from other applications.

- Minimize learning curve with a familiar user interface and commands.

- Choose from flexible offerings to suit various business and budget needs.

- Make significant savings over comparable CAD applications.

- Connect with other Dassault Systèmes solutions, such as **3D**EXPERIENCE® Marketplace, GEOVIA®, DELMIA®, SOLIDWORKS® Electrical, SOLIDWORKS PDM, and more, for CNC machining, 3D printing, manufacturing, and other downstream uses.

## CAPABILITIES

### Essential 2D Drafting

- Draw fundamental elements such as lines, polylines, arcs, circles, ellipses, tables, hatches, and clouds.

- Perform move, copy, rotate, mirror, pattern, scale, trim, chamfer, or split actions with modify tools.

- Measure and annotate distances between objects with dimension tools.

- Import, create, and manage layers, blocks, and external references, and output drawings to a plotter, printer, or file.

## Advanced 2D drafting and APIs for customization

- Speed up your production workflows by using APIs for automation and customization.

- Save countless hours of design time by eliminating manual or tedious tasks with tools like Drawing Compare, Power Trim, Insert Centerlines, Pattern Along a Path, Curved Text, Batch Printing, and more.

- Convert raster images like floor plans and logos to vectorized line entities in seconds with Image Tracer.

- Easily insert standard hardware from a fully defined library of bolts, screws, nuts, washers, and pins; generate holes and callouts, create a bill of materials, add balloons, and more with the Toolbox.

- Import or export various file types and formats including PDF, DGN, SVG, XLS, and DSHBM (HomeByMe).

## Robust 3D design and powerful integrations

- Create anything from essential 3D shapes to sketch-based complex 3D solids, and generate 3D surfaces.

- Expand your design workflows through seamless integration with SOLIDWORKS Visualize for rendering and SOLIDWORKS Simulation for analysis. Use **3D**EXPERIENCE Marketplace Make to connect with manufacturers worldwide for 3D printing or other processes.

- Control drawing entities parametrically by specifying geometric and dimensional properties with 2D constraints.

## Support for many users and multiple sites

- Enable flexibility to choose between standalone license or network licensing with concurrent usage and compliance across your organization.

- Access full technical support to resolve issues and eliminate downtime.

**Find out more about DraftSight at**
**https://www.draftsight.com.**

---

## Our **3D**EXPERIENCE® platform powers our brand applications, serving 11 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the **3D**EXPERIENCE Company, is a catalyst for human progress. We provide business and people with collaborative virtual environments to imagine sustainable innovations. By creating 'virtual experience twins' of the real world with our **3D**EXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production.

Dassault Systèmes' 20,000 employees are bringing value to more than 270,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit **www.3ds.com**.

**3D**EXPERIENCE®

---

**DASSAULT SYSTEMES** | The **3D**EXPERIENCE® Company