



**2D Drafting
Redefined**



2D Drafting Redefined



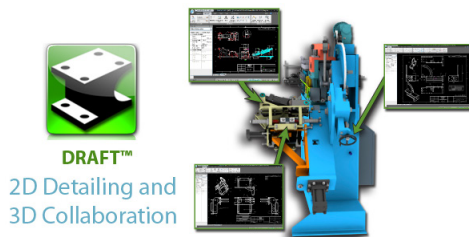
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For decades users have needed to choose between working in 2D or 3D, today there is another option!

Historically, designers have wanted to work in 2D. They prefer the ability to control and craft their drawings and to detail them clearly and efficiently. To

these users, drafting is an art form, not merely a series of lines on a piece of paper. While the evolution of 3D modeling has made designing products easier for some, for many working in 3D is not a necessity but it is beneficial.

Today, IronCAD offers IRONCAD DRAFT, an extremely powerful 2D mechanical drafting tool with an easy to learn, industry standard user interface and a unique 3D integration capability, enabling users work in 2D but also to view, leverage, analyze, render and reference 3D model data created by suppliers customers and colleagues.



Unrivalled Compatibility with AutoCAD®

Open, edit, and save existing DWG file generated by AutoCAD® to share and communicate with design team members accurately. Easily adapt to the IRONCAD DRAFT interface from its familiar environment that offers many commands commonly found in AutoCAD.



Production Powerful Capabilities

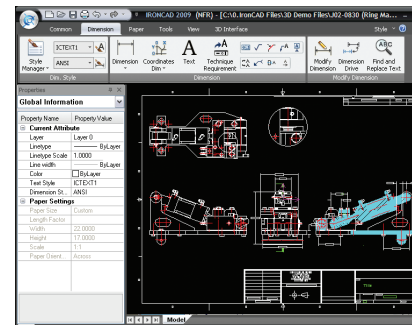
IRONCAD DRAFT is built on the combination of IRONCAD 3D and CAXA 2D technologies that have thousands of existing users and a wealth of experience in their respective areas making it a production ready solution. It offers fundamental 2D creation and editing tools in addition to mechanically focused utilities and parametric standard parts, giving engineers the ability to easily create fully detailed designs.

Detailing is powerful and complete offering the ability to create precise 2D entities including lines, parallel lines, arc, circles, rectangles, elliptical curves, polygons, splines, and reference entities such as centerlines and hatch patterns. IRONCAD DRAFT supports powerful input options during feature creation to quickly specify size and other options such as automatic centerlines. Other utilities such as Block association, Command Editor, Format

Painter, Properties Window, and the Text Editor are all intelligent functions that support quick and efficient methods to complete complex engineering tasks.

Streamlined User Interface & Customization

IRONCAD DRAFT utilizes the industry standard Windows Fluent / Ribbon user interface designed to streamline the design process by providing the most common tasks directly to the user in a common grouped interface. In addition, it is easy for you to customize the user interface to quickly access the most common commands in your day to day process. As with any industry standard 2D application, IRONCAD DRAFT offers a powerful application programming interface to customize corporate standard utilities and processes.



3D Design Interrogation and Communication

Import industry standard formats including ACIS, Parasolid, IGES, STEP, IRONCAD 3D, Pro/E, and CATIA along with a large variety of graphical formats to perform task to better verify and communicate your design projects. Multiple models can be imported to build assemblies, verify interferences, and to communicate the 3D representation to customers using realistic rendering and animations. Build your own custom catalog components to quickly assembly and communicate products in real-time to potential customers to help communicate your projects upfront. In addition, leverage the 3D data with full association in the 2D detailing to speed up the layout process and to automatically reuse critical information from the 3D such as bill of materials and measurement information.

Communication and Sharing

Share and communicate your design projects using freely distributable viewers and exchange data with clients in DWG/DXF and image formats. While being able to communicate is good, but sharing live project data requires control and management. IronCAD's Design Collaboration Suite includes a powerful and integrated fully functional EDM solution to manage your CAD and related engineering project data, both internally and externally across the World Wide Web.



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