

## IRONCAD 2012 Limitless Design Dexterity



IRONCAD™ 2012 is the undisputed productivity leader when it comes to moving creative ideas into full production-ready 3D reality. IronCAD is the pioneer of a breakthrough Creative Design approach that delivers a level of design freedom unmatched in the industry today.

IRONCAD™ is the tool of choice for design engineers when deadlines are tight and a high degree of unanticipated change is to be expected. It provides a revolutionary replacement to today's history based parametric only systems. IronCAD empowers end users with design agility like never before. With IronCAD, no longer are you bound by constraints imposed on you by traditional 3D applications. Now with IronCAD 2012, you are in total control of your design and engineering experience with virtually no restrictions.

IRONCAD™ is the ONLY application in the world that delivers total control to the user by providing the ability to choose from parametric, explicit or a combination of both modalities ON-DEMAND in a single environment. Also IRONCAD™, is the ONLY solution in the world to deliver Dual Kernel Interrogation Technology. By having the leading two modeling engines, ACIS and PARASOLID, working in harmony together, your ideas can become limitless without regard of kernel limitations. It's like having a team of engineers vs being alone to solve a problem.

IRONCAD™ has harnessed the POWER and now has unleashed it to you. What you do with the power is now entirely up to you!

### Fluent Modeling Environment

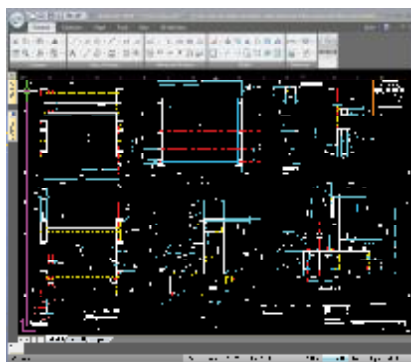
IRONCAD has always delivered a clean and simple approach to design allowing engineers to really think in 3D and create models dynamically on screen without having to pre-plan and map out the concept in advance. IRONCAD's seamlessly integrated design tools are intuitive and user friendly.

### Design The Way You Want

The combination of IRONCAD's Innovative design environment with the more conventional history-based structured design environment, allows users to choose, at an individual part level, which process is most appropriate for the particular part they are designing:

**Innovative Design** – Delivers real flexibility, allowing users to directly manipulate the parts independent of history and constraints while maintaining feature design information. Essential for conceptual modeling.

**Structured Design** – Allows users to build rigid feature dependant parts with embedded design intent, delivering more control over future changes.



### Familiar Detailing Environment

IRONCAD Next Generation incorporates a powerful 2D design environment offering one of the most powerful annotation tools on the market today,

embedded as a standard drafting environment and/or as an integrated 3D detailer. In addition to its familiar user friendly interface, IRONCAD's new 2D environment offers all the functionality users have come to expect from some of the market leading standalone 2D design tools.

*“Now that the power is available to you, what will you do with it?”*

### Communicate Data Effectively

Creating data is only half the story. IRONCAD Next Generation delivers the tools to get this information out to customers, manufacturing, and suppliers clearly and effectively:



#### Model Data Exchange

– With both ACIS and Parasolids kernels, and a range of native translators, IRONCAD can export model data in ALL industry standard formats.

**Customer Communication** – IRONCAD delivers a range of tools to allow you to keep your customers closely involved in your projects by including photorealistic rendering, 3D/2D PDF, web publishing of models, and a standalone 3D viewer all standard in the core product.

Being able to communicate is good, but sharing live project data requires control and management. IRONCAD's Next Generation suite includes, CAXA EDM 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.

### Design Validation

The ability to stringently test design data, allows users to reduce unnecessary prototypes and ultimately cost from a project. In today's economic climate, this is more critical than ever before. IronCAD has teamed up with a leading Finite Element Analysis specialist to deliver powerful FEA functionality, operating from within Next Generation.



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