

Next Generation - Free Your Imagination



"When we set out to build the **worlds fastest** Harley Supertwin, we needed to be **flexible** in our thinking and **dynamic** in our approach to design. Throughout the development process and later in testing at the track, we had to make **radical changes** sometimes completely rethinking our approach to a problem. IRONCAD's dynamic approach to design was the only tool that allowed us to make those changes quickly and **on the fly.**"



Photo Stefan Boman

"Today, things have settled down and our design is at the **leading edge**. We are fine tuning to ensure that we stay at the top of our game. To help us do this, we now embed more design intent into our models, today we have a lot more data about how changes should impact other parts around them, and we now want to build that **intelligence** into our core model data. IRONCAD's **unique combination** of Structured and Innovative design is the only product on the market today which allows us to achieve this."

Anders "Charley" Karling
Karling Racing
Stockholm

IRONCAD has always been the leader in Innovative design, allowing users to work dynamically and without the restrictions of constraints or history.

Without compromising IRONCAD's core values, "Next Generation" now allows users to add real design intent during the development process and the revolutionary embedded 2D design environment now ensures users can detail within a familiar 2D environment

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 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. 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.

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:

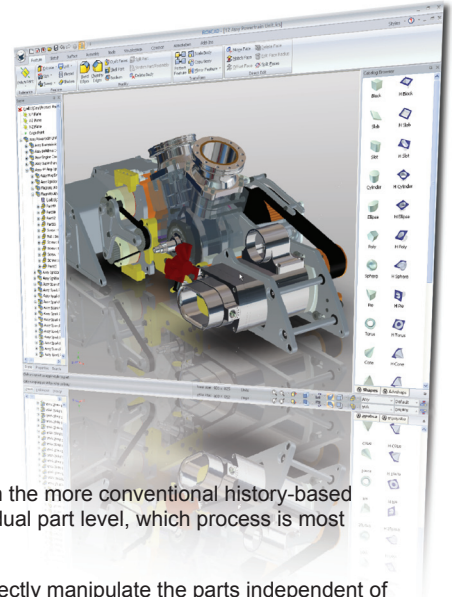
Model Data Exchange – With both ACIS and Parasolids kernels, and a range of native translators, IRONCAD can export model data in ALL industry standard formats.

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.



"As an **innovative** design house, we specialize in conceptual design all the way through to product development.

Once the concept design is approved, the **real work** begins. We need to produce good quality 2D detail drawings that clearly convey our thoughts and **vision**.

IRONCAD's new 2D design environment is more than a drafting tool embedded within a 3D system - It is a true design product in its own right"

John Wright
Response Designs
UK

Interested and want to find out more? – Visit the IronCAD website and download a free Fully functional trial of IronCAD along with simple to use tutorials and examples

For more information about IronCAD, visit www.ironcad.com
To find a reseller near you, go to www.ironcad.com/reseller