

## SOLIDWORKS INDUSTRIAL DESIGN

SIMPLIFY INDUSTRIAL DESIGN AND EXPAND  
INNOVATION FOR BUSINESS ADVANTAGE



### ACCELERATE YOUR INDUSTRIAL DESIGN FOR MORE INNOVATION, BETTER COLLABORATION, AND FASTER TIME-TO-MARKET

Innovative, industrial product design is the heart of any successful product development company. **SOLIDWORKS® Industrial Design**, powered by Dassault Systèmes **3DEXPERIENCE®** platform, removes the constraints of traditional industrial design software to give you a flexible, intuitive, powerful modeling environment that will allow you to express

your creativity without compromise. Quickly capture, develop, and communicate your design ideas directly in the digital model with SOLIDWORKS ease of use and productivity to help accelerate development, lower costs, speed time-to-market, and build your market share.

## SIMPLIFY AND AMPLIFY YOUR INDUSTRIAL DESIGN PROCESS

SOLIDWORKS Industrial Design simplifies the process of conceptual design and helps you make it a business advantage. The task of the industrial designer is to create shapes and forms that will resonate with the user of the product and create an emotional response. These shapes are then used, or re-created, in another design package to add the mechanical and/or electrical product information to finish the product design. It is this marriage of industrial and mechanical design that causes headaches within the design process. Data incompatibility and extensive rework slow the product development process, raise direct and indirect project costs, and reduce overall design efficiency. SOLIDWORKS Industrial Design and the **3DEXPERIENCE** platform break down these design-process barriers by

- Delivering an instinctive, easy-to-use design tool
- Enabling engineers and designers to create complex shapes as quickly and easily as simple prismatic shapes
- Harnessing the collective intelligence of your whole design team, customers, and supply chain to capture ideas, leverage existing designs, collaborate, and quickly get feedback
- Storing safe, secure, intelligent data that can be accessed anywhere at anytime

SOLIDWORKS Industrial Design provides a more flexible industrial design process, allowing you to innovate more freely. Powered by the **3DEXPERIENCE** platform, it works alone or combined with SOLIDWORKS Conceptual Design to provide the best conceptual design tool set to complement SOLIDWORKS 3D CAD Software. This allows you to focus on quickly solving your industrial design challenges and then easily transition to mechanical design. With your data accessed via the cloud, your teams design data will always be current, safe and secure. Both industrial and mechanical development teams or individuals can communicate from anywhere, at any time to easily innovate and collaborate.





## QUICKLY CAPTURE YOUR CONCEPT DIGITALLY

Creating, reviewing, and selecting industrial concepts is where SOLIDWORKS Industrial Design really begins to speed up the whole product design process. You can easily capture ideas, explore forms, and iterate your designs with seamless flexibility directly in a digital model, without being constrained by downstream mechanical processes. With SOLIDWORKS Industrial Design, you're using familiar tools and concepts, so you can focus on ideas, not on the software.

- **Concept sketching** provides easy-to-use tools for creating sketch-based concepts and ideas
- **Integrated freeform and parametric surface/solid modeling** merges the benefits of freeform sub-division, parametric solid, and surface modeling with direct editing, which allows you to capture ideas the way you want, to quickly develop ideas and win more business

- **Direct editing** easily transforms both native and imported solid geometry, reducing remodeling time and allowing you to focus on innovation
- **Realistic rendering** tools enable you to produce stunning images to help convey exactly how the finished product might look
- **Simplified design evolution** quickly moves your concept from sketches to complex 3D geometry helping accelerate time-to-market

SOLIDWORKS Industrial Design provides a highly flexible, interactive workflow that combines the benefits of hand sketching, freeform Sub-D, feature-based, and history-free modeling in a unique way. You eliminate wasted design time because you never have to start over or drastically rework designs to make an underlying change.

## CONNECTED ON THE CLOUD AND BUILT FOR COLLABORATION

SOLIDWORKS Industrial Design brings natural collaboration to your industrial design process. Product knowledge, use cases, and design ideas can reside with a wide array of geographically dispersed stakeholders – from your design team to suppliers to customers. Gathering these inputs can be challenging, but without collaboration, you could unknowingly settle for an incomplete solution. All stakeholders need to be able to communicate seamlessly—wherever they are and whenever they want.

Social innovation capabilities built into the foundation of SOLIDWORKS Industrial Design are powered by Dassault Systèmes **3DEXPERIENCE** platform.

- **Access the collective intelligence** of the whole team to drive towards the best design solution
- **Collaborate internally and externally** with your design team, suppliers, and customers in an open innovation process
- **Engage stakeholders at any point** in the design process by posting concepts to their private communities
- **Collect stakeholder concept reviews** and feedback using simple and familiar web tools



## EXPERIENCE THE DIFFERENCE THAT SOLIDWORKS INDUSTRIAL DESIGN CAN MAKE FOR YOUR BUSINESS

SOLIDWORKS Industrial Design simplifies and streamlines industrial conceptual design. Easily develop, confirm, and choose the best and most robust concepts to engage your customers and win orders.

Experience SOLIDWORKS Industrial Design and advance your next generation of design.

*For more details about SOLIDWORKS Industrial Design, visit [www.solidworks.com/industrialdesign](http://www.solidworks.com/industrialdesign)*

## Our 3DEXPERIENCE Platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE® Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 190,000 customers of all sizes in all industries in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).

