

HOME & LIFESTYLE

PERFECT CONSUMER PRODUCT STREAMLINE DESIGN AND DEVELOPMENT TO DELIGHT YOUR CONSUMERS



PERFECT CONSUMER PRODUCT IS AN INDUSTRY SOLUTION EXPERIENCE DEDICATED TO THE CREATION OF INNOVATIVE CONSUMER GOODS.

With **Perfect consumer Product**, brands connect with consumers to deliver the products they want. Brands can implement effective design-for-cost strategies and launch their products to market faster. They have a virtual environment in which they can access to powerful 3D design tools, test and validate their designs as well as program and simulate their manufacturing processes. This helps reduce the need for physical prototypes and enables them to ensure manufacturability early in the process. With this Industry Solution Experience, companies have a scalable solution that can be extended as their business requirements evolve. **Perfect Consumer Product** natively supports the design needs of Home & Lifestyle companies resulting in a faster ROI.

UNIQUE & INNOVATIVE USER EXPERIENCE IN ONE SINGLE SOURCE OF TRUTH

With Perfect Consumer Product, companies have access to cross-application services on premise or on Cloud, based on the 3DEXPERIENCE platform, to create multi-discipline content and collaborate.

This solution allows companies to target zero delays with their product planning and development processes to achieve optimal cycle times within scope, capacity and resource constraints. Organizations can concentrate on the most profitable products while standardizing on best-in-class business processes across the extended enterprise.

MANAGE PRODUCT ENGINEERING & CHANGE PROCESS

This solution enables product innovation and business process efficiency for product managers and engineers to create engineering items and unified product definition structure. It connects design, supply chain, manufacturing, quality and compliance users and business processes in support of a simultaneous global product launch.

PROVIDE POWERFUL 3D DESIGN TOOLS TO BOOST THE INDUSTRIAL INNOVATION

This solution also provides provides with powerful 3D design tools to elaborate the most innovative products. Mechanical engineers equipped with CATIA 3D Modeling roles can gain insight into key factors of quality and performance early in the product development phase. Digital prototyping, combined with digital analysis and simulation, allows product development teams to virtually create and analyze a mechanical product in its operating environment. This solution enables engineers to create any type of 3D assembly, for a wide range of engineering processes and offers a productive mechanical engineering experience with intuitive, flexible 3D Design, leveraging powerful part and assembly capabilities.

FACILITATE PRODUCT EXPERT SIMULATION

With Home & Lifestyle companies can test and validate their designs in a virtual environment reducing the need for physical prototypes and production re-dos due to undetected errors. With simulation modeling, brands reduce development times and costs while improving product quality. Moreover, they can verify that materials meet safety standards and withstand stress and usage testing.

SIMPLIFY MOLD & TOOLING ENGINEERING

Mold & Tooling addresses the needs of Injection Mold Tooling designers. A predefined Layout allows users to insert and manage several Inserts in a positioned Mold Base, which greatly enhances productivity. It also features a dedicated Live command that fits the dimensions of the tool to the prints. Standard plastic mold bases coming from suppliers are created in one-shot by selecting the recommended configuration.

ACCELERATE & OPTIMIZE MACHINING OPERATIONS

This solution offers Best-in-class surface machining quality and ensured collision free tool paths. This includes the latest techniques to cut complex molds in hard material to optimize tool paths and tool life. The solution enables contract manufacturers to program, simulate and optimize their machining processes through tight integration of tool path programming with machine tool simulation. NC programmers can identify and resolve errors in tool paths earlier and reduce programming lead times. Machining templates can be reused to dramatically reduce the development of tool paths.

Discover the values of Perfect Consumer Product :

- Reduce product development cycle time up to 30%
- Speed up issue resolution up to 40%
- Reduce product development cost by up to 40%
- Innovate collaboratively and be in-sync with market demand

To learn more about Perfect Consumer Product, [click here](#).

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

Dassault Systèmes, the 3DEXPERIENCE 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 3DEXPERIENCE 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.

