



3DEXPERIENCE®

CATIA 3DEXPERIENCE®

SHAPE THE WORLD WE LIVE IN



DESIGN IN THE CONTEXT OF THE EXPERIENCE

CATIA is the World's Leading Solution for Product Design and Experience. It is used by leading organizations in multiple industries to develop the products we see and use in our everyday lives.

CATIA's Design, Engineering and Systems Engineering applications are the heart of Industry Solution Experiences from Dassault Systèmes to address specific industry needs. This revolutionizes the way organizations conceive, develop and realize new products, delivering competitive edge through innovative customer experiences.

FOR ENGINEERS

As products and experiences continue to increase in complexity, performance and quality targets are becoming more demanding. CATIA answers to that challenge, enabling rapid development of high-quality mechanical 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.

CATIA Engineering provides the platform which enables engineers to create any type of 3D assembly, for a wide range of engineering processes.



FOR DESIGNERS

From product to transportation industries, the style & design of the product plays a major role of the business success on the market. Develop shape & material creativity, reach a high level of surface sophistication & quality, and get the right decision tools with physical & virtual prototypes, are the key elements of CATIA Design to boost design innovation.

From 3D sketching, subdivision surface, Class-A modeling to 3D printing, reverse engineering, visualization and experience, CATIA Design provides all the solutions for Design Creativity, Surface excellence and Product experience.



FOR SYSTEMS ENGINEERS

Developing smart products has never been more challenging. Developers need an integrated systems engineering approach that enables them to manage the complete development process. Requirements engineering, systems architecture definition, detailed modeling and simulation of complex systems and the development of embedded software all need to be mastered in the context of the complete product.

The Systems Engineering solution from Dassault Systèmes delivers a unique, open and extensible development platform – a platform that fully integrates the cross-discipline modeling, simulation, verification and business process support needed for developing complex 'cyber-physical' products.



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.

