



CATIA PLM Express

CATIA - Concept Product Creation

Styling creative work at the speed of the imagination

Overview

CATIA - Concept Product Creation delivers ultra fast modeling technology for industrial designers to embrace styling creation, directly in the CATIA design environment. It includes the powerful ray-tracing engine enabling realistic simulation of the product's appearance for quick style validation.

Benefits

- Ultra fast modeling:
 - Innovative ideas captured in a natural way
 - Instant concept morphing for fast styling iterations
 - Productivity gains resulting in more creative concepts exploration
 - Easy to learn and use for non-CAD specialist

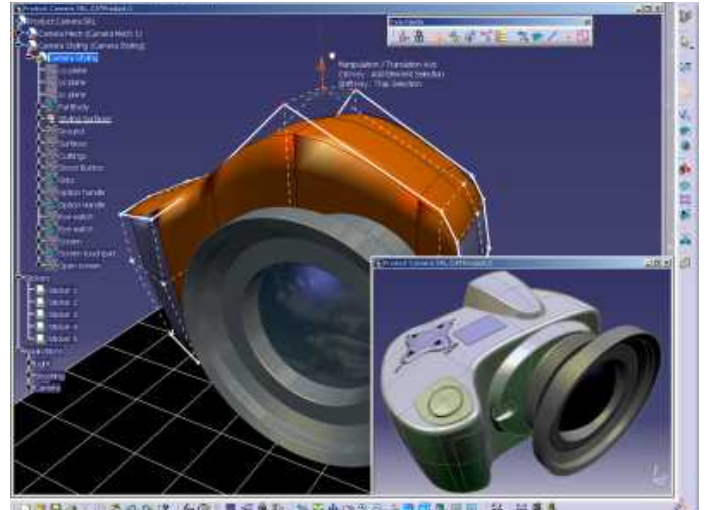
- CATIA design environment:
 - Collaborative environment for quick propagation of design changes
 - Ready-to-use styling surfaces for product engineering and manufacturing

- Style validation:
 - Quick validation of the product's appearance
 - Rapid communication using the product realistic images across the extended enterprise



Capabilities

- Ultra fast modeling
 - Interactive 3D shape modeling
 - Starting from scratch or transforming 2D hand-sketches
 - Styling curve creation with interactive pen device
 - Unique subdivision technology
 - Suite of comprehensive and easy to use styling tools
- CATIA design environment
 - Single product model for both styling and detailed design
 - Exact G2 surface creation
 - Powerful surface quality checkers
- Style validation
 - Smart and advanced photo and movie capabilities
 - Large variety of materials to define textures
 - Ray tracing technologies
 - Reusable scene settings



Visit us at www.3ds.com/my-catia-plm-express

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About Dassault Systèmes

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 90,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes develops and markets PLM application software and services that support industrial processes and provide a 3D vision of the entire lifecycle of products from conception to maintenance. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product - SolidWorks for 3D mechanical design - DELMIA for virtual production - SIMULIA for virtual testing and ENOVIA for global collaborative lifecycle management, including ENOVIA VPLM, ENOVIA MatrixOne and ENOVIA SmarTeam. Dassault Systèmes is listed on the Nasdaq (DASTY) and Euronext Paris (#13065, DSY.PA) stock exchanges. For more information, visit <http://www.3ds.com>

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