CATIA PLM Express
CATIA - Molded Product Creation

A unique way of designing molded parts to foster innovation
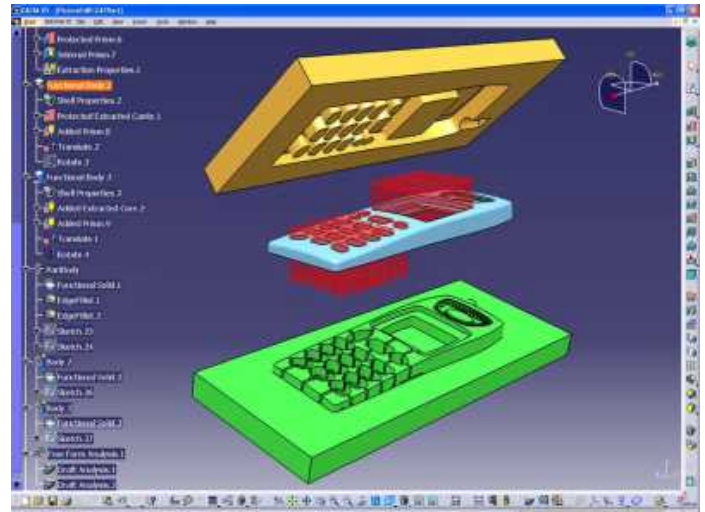
Overview

Molded product creation delivers ultra fast functional modeling for unmatched productivity and flexibility, to address the complete design-to-manufacturing preparation process of molded parts

Benefits

- Functional modeling : focus on what you want to model and not how to model it
- Cornerstone for real-time collaborative design
- Ensure "right the first time" molded parts design thus reducing the number of iterations with mold makers
- Proven cycle time reduction in modeling and design changes: multiply by up to 35 the reduction in time needed for the creation of molded products, and up to 70%for design changes
- Concurrently design both the product and the associated tooling for molded and plastic parts
- Seamless collaboration across the extended enterprise

Capabilities

- Wide range of discipline oriented features that take into account manufacturability constraints: Extrude, Revolve, Cut, Thicken surface, Rib, Boss, Cutout, Rest, Pocket, Grill, Reinforcement, Shell, etc,.
- Order-independent feature creation resulting in history-free part construction
- Hybrid design: fully associative shape design in context of parts
- Accuracy checking and quality improvement of shapes when imported
- Generate and optimize STL meshes for rapid prototyping

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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