



CATIA PLM Express

CATIA - Free Style Shape Design

Design of high-end aesthetical shapes with unrivaled freedom

Overview

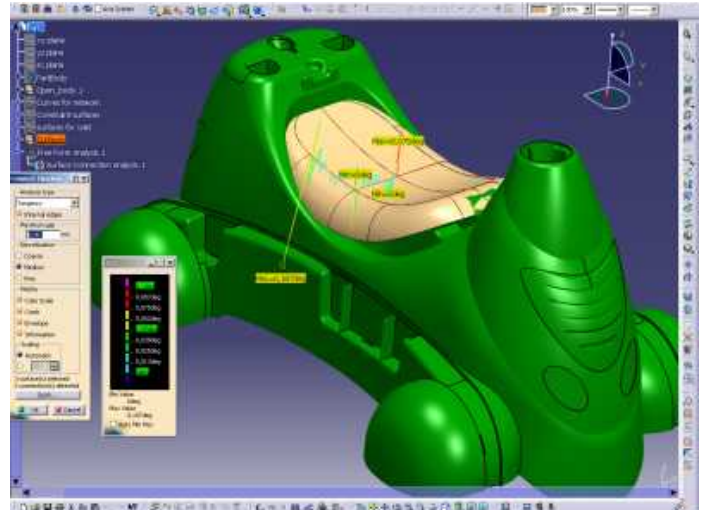
CATIA - Freestyle Shape Design is used to design details on styled shapes thanks to the powerful NURBS technology that makes it possible to transform conceptual shapes into high-end styled ones that are then ready for class-A or manufacturing processes.

Benefits

- Intuitive environment enabling easy and fast design of high-end styled shapes
- Interactive deformation of aesthetical shapes based on the spec-driven approach that allows immediate propagation of design changes
- Compliancy with aesthetical shape design standards thanks to a set of dedicated analysis tools and quality checkers
- Fosters concurrent design through tight collaboration between designers and engineers in a single environment

Capabilities

- Unequal free-form modeler to intuitively create curves and surfaces
- Smart and advanced tools to dynamically deform single or multi-surface shapes
- Interactive manipulation of curves and surfaces thanks to the control points capability
- Automatic surface creation by sweeping a profile curve along multiple guides
- Unique connect checker command to simultaneously perform G0, G1 and G2 quality checking
- Advanced real time analysis tools for distance, tangency and curvature



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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