



CATIA PLM Express

CATIA - Composites Manufacturing Preparation

Provides powerful process oriented tools dedicated to manufacturing detailed design of composites parts

Overview

The CATIA - Composites Manufacturing Preparation option provides a completely CATIA integrated environment dedicated to manufacturing detailed design of composite parts, enabling engineers to include all manufacturing constraints early in the composites design process. With powerful synchronization capabilities, this option is the essential link between engineering design and physical manufacturing.

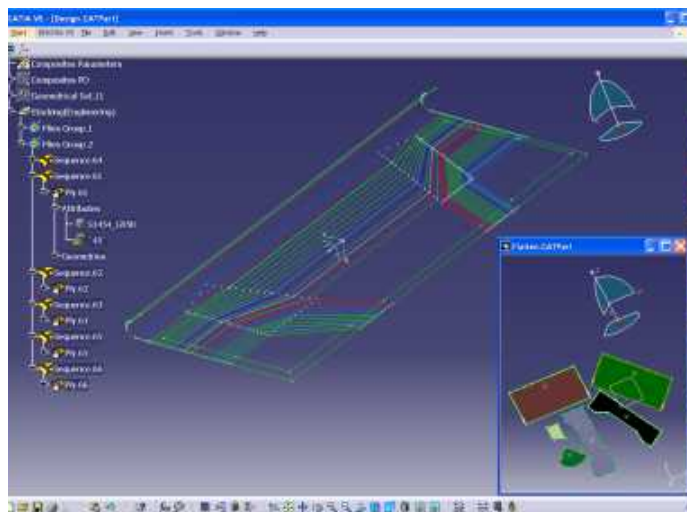
Benefits

- Fully integrated in the V5 environment
- Management of the manufacturing parameters at the early stages of the design process
- Easy collaboration between design and manufacturing office enabling concurrent engineering
- Strong manufacturing partnerships ensure that composites solution can be used by any company, regardless of the manufacturing process and machine providers



Capabilities

- Dedicated manufacturing part modeling capabilities such as manufacturing shell swapping, material excess definition and 3D multi-splice
- Best-in-class fiber simulation and flattening tools for early assessment of manufacturability
- Effective manufacturing export capabilities and automatic shop floor documentation
- Powerful synchronization/collaboration mechanisms with engineering detailed design



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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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