

## CATIA PLM Express CATIA Team PLM

The highest standard to reach product design excellence available for all industries

Companies of all sizes and industries need a fast, easy-to-use, and affordable solution to manage and expand all phases of development from design to manufacturing. Today's global competitive market requires companies to reduce design time and costs, and to get products to market on time.

### Overview

CATIA TEAM PLM is the most robust, leading edge solution used to manage your product's lifecycle from start to finish, enabling your company to achieve its total potential. Based on 6 different roles, it offers a tailored solution to meet your needs.

CATIA TEAM PLM can cut product development time in half with its ease of use and built-in analysis/simulation technology. This technology ensures all aspects of the product's achievability prior to manufacturing, saving time and money. Its manufacturing solution ensures maximum machining efficiency while virtually eliminating errors. The role based solutions provide a significant competitive advantage in all stages of product development.

### Customer Benefits

Ultra fast knowledge-based modeling:

- Unique knowledge capture and reuse enables fast design change and innovation
- Easy product creation, from simple to sophisticated, with powerful CATIA modeler
- Comprehensive drawing production with market leading

generative drafting fully associative with 3D

- Easy and interactive decision making thru instant collaborative reviews

Ready-to-go-team collaboration:

- Native access to virtual product data management directly in CATIA
- Pre-customized product information for managing customer asset
- Immersive interface for team management
- Encourages reuse of existing assets and standards
- Fully secured environment
- Collaborative design iterations
- Deploys a complete collaborative environment in 10 days [optional]

Scalable platform:

- 44 high valued options based on 6 roles to match your needs for growth
- Free 3D XML format for all
- Simplifies exchanges across the supply chain thanks to industry standards adoption
- 340 CAA V5 partner applications to cover highly specialized disciplines
- Easy to learn with standard and intuitive user interface



## Key Capabilities

### In context part and assembly design

allows fast creation of sketches and 3D designs with associative feature based hybrid modeler in an assembly context. Definition of mechanical assembly constraints automatically position parts and checks assembly consistency.

### Generative and associative drawings production

can be combined to get the best of the 2. Automatic generation of drawing from 3D mechanical design and assembly plus interactive drafting for top of professional production that integrates dress up and annotations

### Real-time display computations

allows designers to leverage technological material specifications to produce realistic renderings of their model

### Product specifications capitalization

ensures the consistency and quality of designers' work using corporate standard rules bases

### Design templates instantiation to automate product creation

allows for the maximum reuse of secured intelligent feature, part and assembly templates

### Instant collaboration for review and design

inside parts, within a teamwork, by sharing and merging design features and know-how in a collaborative environment

### Stores, structures and secures product data information

in a single and secure server with authentication mechanism. Organize your data by project, customer or user.

### Tracks document lifecycle with revision mechanism

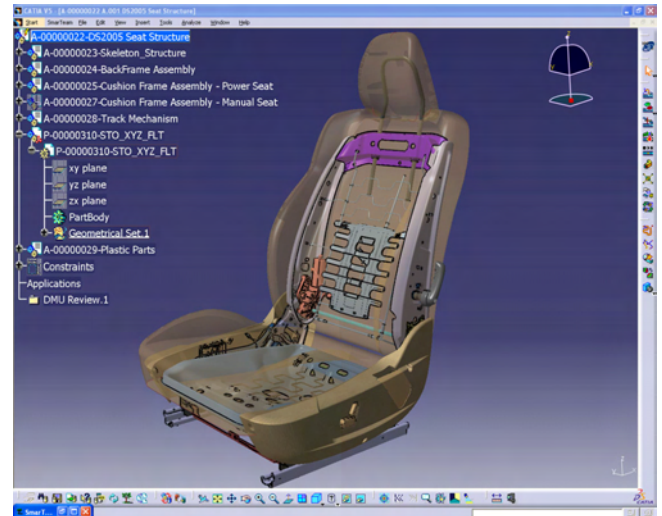
to keep in order design evolution and start from any former indexed data

### Controls product data sharing among collaborators

for a true collaboration working on a same design. Find author of any revision in your design.

### Encourages standard reuse

of any stored document (created or bought) and guarantees optimal reuse without duplicating the document. Decrease the



Screen capture of CATIA Team PLM

number of references.

### Displays 200 data formats (Word, Excel, IGES, DWG, etc.)

from ENOVIA Smarteam interface and manage every format that integrates with CATIA such as MS world.

### Enterprise pervasive 3D XML access

that enables users to capture and share live, accurate 3D data quickly and easily. Includes CATIA V5 technological data such as FD&T's.

### Leverage CATIA V4 assets into V5

helps existing CATIA Version 4 customers take advantage of the advanced technologies of Version 5 while preserving their investment in V4 data. It offers basic integration features which make seamless hybrid installations possible.

### Standard interfaces: DXF, DWG, CADAM, IGES, STEP AP203 and AP214

provides to users a robust solution for working in a heterogeneous CAD/CAM environment to exchange data through a neutral format.

Visit us at [www.3ds.com/my-catia-plm-express](http://www.3ds.com/my-catia-plm-express)

### About Dassault Systèmes

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 SmartTeam. 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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