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 [optionnal]

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 professionnal 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.

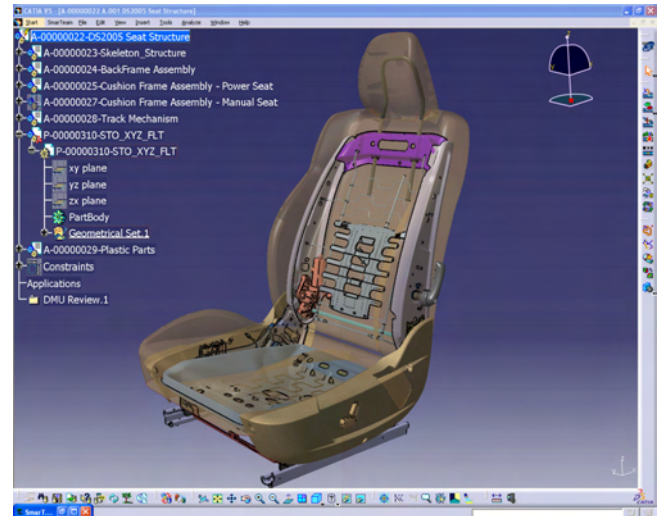**Tracks document lifecycle with revision mechanism**
to keep in order design evolution and start from any former indexed data

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.

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