



Like many manufacturers, you depend on cutting edge CATIA technology to get innovative ideas off the drawing board and into the marketplace.

But once a design concept exists, how do you ensure that your development team communicates effectively throughout the product lifecycle? Today, there's a powerful, CATIA-integrated solution that promotes efficiency, reduces risk, and unlocks your team's potential for creative collaboration – ENOVIA SmarTeam Design Express.

You already know that CATIA is a powerful product development environment for creating large and complex 3D assemblies. But while CATIA cuts through the process of envisioning, assembling and realizing product designs, designers can create a massive body of linked digital data that can be a management headache if accessed and altered inaccurately, which can lead to errors and expensive delays.

ENOVIA SmarTeam Design Express (SDE) is a comprehensive, secure, and easy-to-use solution for information sharing, data management and collaborative design. It enhances your CATIA-based product creation process by providing your team with a pre-configured environment and a proven methodology to better leverage existing product

Core Benefits

- Low cost, high-value return on existing CATIA Investment
- Best-in-class, native CATIA Integration
- Robust data model tailored for collaborative design
- Ten-day "quick start" training and implementation
- The only solution that offers a scalable, customizable upgrade path that grows with your PLM needs

knowledge in order to drive projects quickly to successful completion. Thanks to the native integration to CATIA, compatibility and synchronization with developments in CATIA across future releases is ensured. Built to promote safe and efficient collaboration within small- and medium-sized design and engineering teams, SDE saves time and prevents errors by enabling easy access and simultaneous work using a centralized source of product data, with strict, built-in control of iterations and document maturity.

SDE offers today's CATIA users an outstanding opportunity to increase the value of their investment.

SDE improves performance and productivity with:

- **A robust data model for collaborative CATIA-based design containing pre-configured profile cards, queries and wizards**
- **Storage, structuring and securing of product data**
- **Comprehensive and transparent tracking of product lifecycle**
- **Powerful data search mechanisms**
- **Version control and revision management**
- **Advanced tools for analyzing the impact of design changes**
- **Support for standard parts and part and design reuse**
- **Viewing support for over 450 file formats (.cat, .cgr, .iges, .tif, .xls, .doc, etc.)**
- **Secure, single-server management; automated backup procedures**
- **Best-in-class, native CATIA integration**
- **Superior ease-of-use**



An out-of-the-box solution for collaborative CATIA design with a built-in upgrade path to full PLM functionality

SDE's 10-day implementation guarantee:

SDE is a low-cost, out-of-the-box solution that can be fully implemented with your existing CATIA database within ten days. A comprehensive package, combining a predefined database with "quick start" software and training materials, lets your team get up and running quickly and smoothly. SDE's pre-configured, CATIA - smart data model has been designed for "plug & play" use within your company, without any customisation other than the addition of user names and the installation of working directories.

Keeping Pace with Your Growth

SDE's "quick start" is designed to give you full benefits with minimal disruption of your day-to-day operations. But once you've experienced the power of SDE, you'll want more.

SDE is the only PDM solution that includes a built-in upgrade path - a scalable system that will smoothly support your growing enterprise. Once your company has optimized its product IP within the SmarTeam database, you can easily add PLM functionality whenever you are ready. You choose how and when to move forward, by stepping up to a range of options for Product Lifecycle Management, including:

- Enhancing design methodology according to company-specific needs
- Automating product data and business processes such as BOM and engineering change management across your organization
- Bridging from engineering to manufacturing and other key enterprise applications
- Linking your design management to your OEMs or suppliers

...and that's just the beginning. With SDE, an optimized future is in your hands!

ENOVIA SmarTeam and CATIA:

A solid foundation for building your PLM future

"We work as a team using a number of linked CATIA V5 models and associated design tools to ensure designs adhere to defined rules ... the latest project data is easily available to all engineers employed on the project, thereby ensuring that engineers are not working in isolation; they have full visibility of all design changes as they happen."

- D. Caines, Director of CAE, Integral Powertrain, engineering services

"All companies face the same issue: Meet the customer requirements and reduce the time-to-market. CATIA and SmarTeam are by far the best answer."

- M. Crozzoli, IT Director, Maschio Group, agricultural machinery

"What favorably directed us...was primarily the excellent integration between the CATIA CAD, the Office IT system and the SmarTeam PDM. We also need to point out its user-friendliness, its simple management of the data security, its opening to other business systems (ERP, CAD/CAM...). In addition, its easy implementation and deployment were also determining factors."

- D. Pommerol, IT Manager, Sintered Products Division of Federal-Mogul, automotive supplier

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About Dassault Systèmes

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, the Dassault Systèmes group 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 www.3ds.com

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