



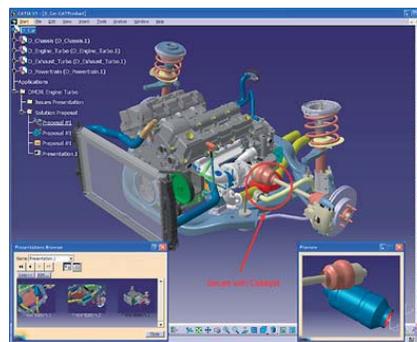
ENOVIA V5 DMU for Design Review

Highlights

- » Accelerates the detection and the resolution of design issues
- » Fosters collaboration with 3D as a common language
- » Facilitates innovation while improving product quality
- » Accelerates decision making on product changes and alternative design studies
- » Leverages native integration within CATIA, ENOVIA, and DELMIA solutions

Streamlining Digital Product Validation

With upgrade cycles measured in months instead of years, manufacturers are struggling to meet the escalating demands of customers, while diversifying product portfolios to stay ahead of the competition. This drive to simultaneously ramp up production and increase innovation requires fundamental changes in the way global development teams share, evaluate, and optimize the evolving product definition. Being able to review and analyze the 3D product design quickly and often, to incorporate innovations and resolve design issues, is critical to being first to market with the best possible product.



V5 DMU provides users with efficient tools to organize and present product design issues during collaborative review meeting.

Optimize product development to drive innovation

Product Lifecycle Management (PLM) Solutions are essential to creating a collaborative environment that places product innovation at the center of the development process.

Within the PLM environment, Digital Mock-up (DMU) is a key enabler of decision-making activities that enable innovation. DMU allows development teams to digitally create a product and its environment in real-time, then analyze it to gain early insight into key factors that determine quality, performance and cost.

When used as a standalone solution, DMU testing and simulation tools reduce and even eliminate the need for physical prototypes. When DMU is fully integrated with advanced PLM tools and processes, the benefits and savings increase exponentially.

Seamlessly integrated within the Dassault Systèmes PLM portfolio, V5 DMU optimizes decision-making — from designers and reviewers to manufacturing engineers and suppliers — throughout the product development process.

Streamline processes and accelerate time to market

V5 DMU provides a single integrated environment, common user interface and common data throughout CATIA®, ENOVIA®, and DELMIA®, providing visualization and complete analysis and simulation of mock-ups.

V5 DMU facilitates the sharing and the rapid propagation of engineering review changes to users' desktops, speeding implementation. This enables more verifications in less time, increasing design quality while reducing time to market.

Increase agility to create and validate design alternatives

V5 DMU fosters 'what-if?' scenarios, especially when dealing with several variants of a product, through integrated interference detection and management. V5 DMU provides the 3D interactive capabilities to quickly check, analyze and ensure the spatial integrity of the mock-up, then share the results with design and review teams across the value chain.

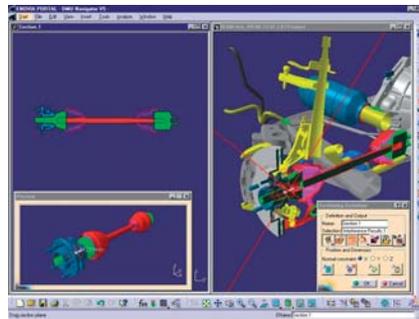
Identifying clashes is an extremely important activity throughout the design cycle. Resolving clashes on the manufacturing floor can cost hundreds of times what it costs to resolve them during the design phase.

When combined with ENOVIA V5, V5 DMU provides an in-depth understanding of product behavior across all variants and configurations.

As well as supporting digital mock-up studies, DMU provides a way of managing the results and of reusing analyses, while reducing the risks related to decision making in a complex, dynamic environment.

Predict product behavior earlier in the virtual world

V5 DMU simulates 3D product behavior to facilitate decision making in the virtual stage, reducing the need for physical prototypes, while enabling design and manufacturing process optimization. V5 DMU supports manufacturers when assessing the mounting-dismounting, serviceability, appearance, kinematics and ergonomics of their products, improving usability and reducing liability.



V5 DMU enables users to check the spatial integrity of a digital mock-up by creating sections and measures, analyzing distances between parts, and identifying clashes.

By sharing the same platform as CATIA V5 and storing simulation criteria, V5 DMU also allows

users to replay previous simulations to validate product designs after changes to the 3D product definition.

Enhance communication and collaboration

V5 DMU links virtual workgroups and communities by enabling the real-time sharing of 3D product information. Robust, built-in communication and review capabilities help avoid misunderstandings, reinforce teaming and stimulate innovation.

Realize product and process innovation benefits

In an increasingly competitive business environment, V5 DMU provides customers with significant business advantages, reducing costs while driving product quality, productivity, collaboration and innovation.

V5 DMU Design Review is based on the following products:

- DMU Navigator 2
- DMU Space Analysis 2
- DMU Optimizer 2

A configuration is also available:

- ENOVIA - DMU Review 2

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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 <http://www.3ds.com>.

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