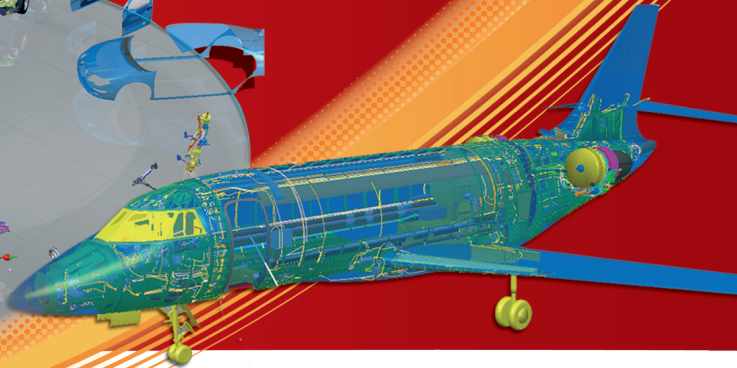
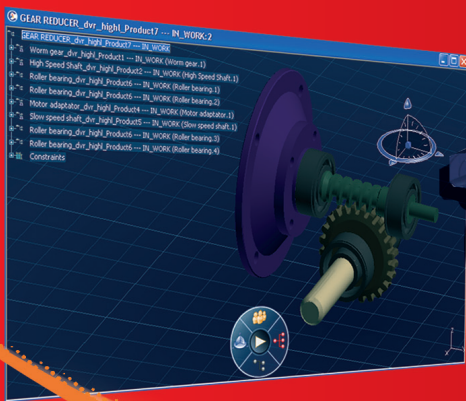


## Bringing PLM 2.0 to Life

# ENOVIA V6





*"The SOA architecture supporting DS' new PLM V6 suite of offerings is based on the ENOVIA MatrixOne platform, enhanced with technology from both VPM and SmarTeam. DS' move to utilize this platform across their entire suite of PLM solutions represents a solid advancement for DS' customers and positions DS with a much stronger and more highly scalable offering for both enterprise customers and the SMB market."* Ed Miller, President of CIMdata



## ENOVIA V6: The Path to PLM 2.0

Today intellectual property (IP) is a company's most valuable asset. Successful companies transform that IP into higher profits and winning products. These companies fuel innovation by utilizing online global collaboration to share the IP generated among functions, partners, suppliers, and customers.

Companies of all sizes can harness their IP effectively with Dassault Systèmes (DS) Version 6 (V6) Product Lifecycle Management (PLM) software—an immersive, real-time 3D environment designed for global collaborative innovation. Engineered to dissolve location and time zone constraints, V6 solves tomorrow's business problems by enabling enterprises to:

- Establish standard business processes globally and bring winning products to market quicker
- Incorporate acquisitions, set up new business models, include all stakeholders in the product development process
- Safely share sensitive information among authorized users

In response to evolving business requirements, DS has introduced PLM 2.0, the vision for the next PLM generation. The DS V6 PLM portfolio (including brands, CATIA®, ENOVIA®, DELMIA®, SIMULIA®,

and 3DVIA®), contains products that are fulfilling the PLM 2.0 vision. The DS ENOVIA® Live Collaboration product delivers the flexibility, open standards, scalability, and industry-specific functionality that enables:

### Global Collaborative Innovation

Everyone, regardless of location, can collaborate on projects—from the lowest level of details across all engineering disciplines to the full product definition, bringing together Product Requirements with the Functional, Logical and Physical (RFLP) product views.

### Online Creation and Collaboration

Real-time product creation and collaboration using only a Web connection allows cross-discipline engineering and design teams to work concurrently across multiple locations and fix problems early in the product cycle.

### A Single Platform for Intellectual Property Management

V6 delivers a single platform to manage all product-related information, whether it resides in the PLM system, another enterprise system or in an unstructured data source.

### Ready to Use PLM Business Processes

V6 covers PLM processes across 11 industries, and unifies both engineering and enterprise business processes such as program management, compliance management, and sourcing. A portfolio of industry-specific solutions capture the value within each industry.

### A Lifelike Experience

An intuitive interface immerses users in a 3D online environment, allowing them to find/search information, understand others, experience the product, and collaborate in real-time.

### Lower Total Cost of Ownership (TCO)

The open and flexible Service-Oriented-Architecture (SOA) allows easy integration with existing systems and modeling of business process with no programming skills. The V6 platform is a single PLM platform with one application server and one database. Changes are easy, quicker, and less costly than other PLM platforms.



## ENOVIA V6 Portfolio

The ENOVIA V6 portfolio includes products organized by function—Governance, Global Sourcing, IP Lifecycle Management, and Unified Live Collaboration. Within each function are products targeted at enhancing a customer's competitiveness. These products may be deployed together as part of a single ENOVIA system or separately.

### Governance

*Launch new products on time and on budget*

#### Program Management

Program Management solutions dramatically increases global users' productivity by delivering real-time information updated automatically through direct links to documents, deliverables, and other data sources. Users can focus on product development rather than project management. With Program Management solutions, companies provide global teams with the relevant, accurate, and real-time information they need to keep projects on track and respond to ever-shrinking product lifecycles.

#### Requirements Management

Requirements Management solutions enable global development organizations to drive consistency in a shared environment when capturing customer, regulatory standards, and market driven requirements. Users benefit from traceability through product development by defining and decomposing the requirements into a hierarchy throughout the design, implementation, and testing phases.

#### Portfolio Configuration Management

Portfolio Configuration Management solutions enable companies to define conceptual products that are capable of re-use across a multiple series of products. By bridging the gap between marketing requirements and system engineering, companies will experience improved part re-use, minimized feature proliferation, and the ability to offer bundled offerings of variant products. With this knowledge, companies can lower costs, expedite the design process, and satisfy market specifications.





### **Reduce Costs by Licensing Only What You Need**

Several ENOVIA products include contractual arrangements that enable customers to license only the features users need to perform their jobs. The most robust options enable users to collaborate, search, and modify. Team members interested in approving, reviewing or simply accessing files are given only the functionality necessary for those actions. Today customers are using this licensing option to reduce costs while still encouraging collaboration and innovation.

### **Compliance**

Compliance solutions help companies avoid liabilities during product development by simplifying the compliance process through an overarching PLM solution that ensures applicable regulations are known, specified, applied, and confirmed. To accelerate implementation, Compliance solutions include several pre-defined compliance regulations.

Configuration is easy and accommodates unique company and/or regional regulations. Compliance works closely in conjunction with engineering bills of material (EBOMs) to track and evaluate part compliance in the context of the current work-in-process. Mastering environmental compliance, for example, throughout the product development process is often a must for companies that operate globally. Manufacturers in the High Tech and Automotive industries face the European Union's Restriction of Hazardous Substances (RoHS), WEEE (Waste Electrical and Electronic Equipment), and/or Europe End of Life (ELV) regulatory directives (and more) emerging in Asia and North America. Compliance also provides the pre-defined templates and built-in flexibility to avoid problems such as launch delays, recalls, fines, poor customer satisfaction, and a damaged public image.

### **Decision Support/Business Intelligence**

Decision Support/Business Intelligence solutions provide project leadership and management executives the information they need to make sound decisions for managing new and existing product lifecycles. Built on the foundation of online collaborative PLM, leveraging a single version of the truth, and 3D as the universal language, Decision Support/Business Intelligence solutions provide the right information at the right time regardless of which authoring application or department generates the information.

## **IP Lifecycle Management**

### **Prepare IP for cross-functional collaboration and product launch**

#### **IP Work-In-Progress**

IP Work-In-Progress solutions enable engineers to track every step from simulation through production and recalculate performance and cost based on a single change. Solutions from CATIA®, DELMIA®, and SIMULIA® are available to define product features further. Users can avoid costly errors and share documents using secure Microsoft encryption technology. Integration to the most common Electronic Computer-Aided-Design (ECAD) and Mechanical Computer-Aided (MCAD) tools ensure designers in heterogeneous authoring application environments realize the maximum concurrent and collaborative engineering these tools provide.

#### **IP Asset Release**

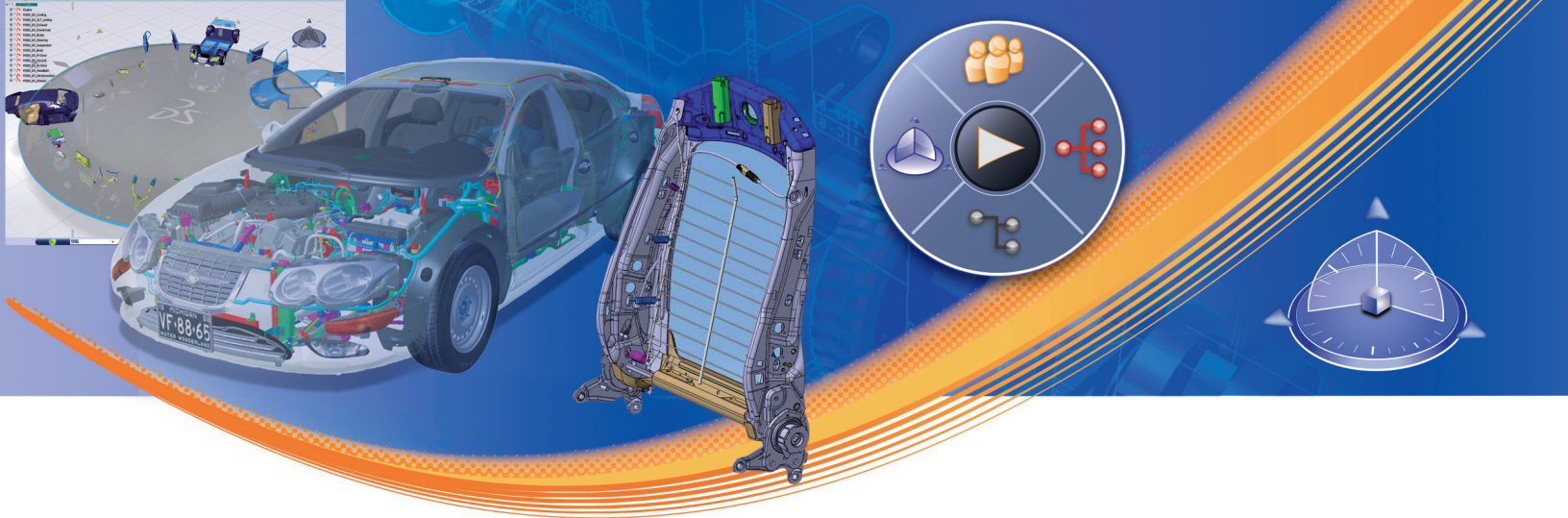
IP Asset Release solutions aggregate the high volume of IP Work-In-Progress activity into meaningful structures that larger enterprises expect and use to understand and adjust to the latest ideas and innovations. Cross-functional engineering and manufacturing bill of materials (BOM) management, component reuse, cost analytics, and specification management solutions exist. These capabilities enhance competitiveness by helping to lower costs, reducing production errors, and enhancing time to market.

#### **IP Classification & Reuse**

IP Classification & Reuse solutions help companies accelerate product development, shorten time to market, increase reliability, and improve collaboration. Users can contribute easily to overall product content by using libraries tailored for their specific domain and/or job function. Efficient search and navigation capabilities enable "best available" match criteria, maximizing IP reuse and ensuring a higher Return on Investment (ROI).

*"The new V6 release provides a single platform for all stakeholders across the product lifecycle where they can imagine, share, and totally experience a collaborative product development process. Moreover, the robust 3D application and tool set that comprises the V6 environment will merge virtual and real world experience for users across all domains of the product lifecycle."*

*Dick Slansky, Senior Analyst, PLM Research Director, ARC Advisory Group*



*"With the [ENOVIA PLM] change, R&D organizations across the world can follow a globally standardized best process and share information on any change in the product development process real-time. We expect significant improvement in time-to-market of new products and great reduction in product development cost."* Tae Keuk Kim, Chief Information Officer, LG Electronics

## **Global Sourcing**

**Leverage supply chain capabilities throughout the product lifecycle**

### **Supply Chain Network**

With Supply Chain Network solutions, manufacturers can collect the data that defines their supplier companies, responsibilities, contact information, and security protocols. Providing each access to the fully defined Supply Chain Network facilitates issue resolution across the extended enterprise, resulting in more accurate product development and higher quality.

### **Collaborative Sourcing**

Collaborative Sourcing solutions reduce operational costs and increase profit margins by leveraging components, BOMs and related data to improve time to market when building request-for quotes (RFQs). Automating the global sourcing process helps to standardize sourcing practices, improve operational efficiencies, and reduce costs by eliminating paper based processes and cutting travel time and expenses. By aggregating all sourcing data into a single location, buyers can easily view and track progress, which allows managers to focus on value-added activities, such as strategic supplier development, aggregation of commodity spending, supplier performance and compliance monitoring.

### **Supplier Performance Monitoring**

Supplier Performance Monitoring solutions enable companies to standardize and measure quality planning methodologies. Companies can improve supplier performance by managing and developing their capabilities through scorecards, part quality plans, and dashboards. Engineering can share production information, including CAD models, specifications, and other important documents securely. During the design of a large product, engineers often assign supplier responsibilities at appropriate levels without any risk to intellectual property and collaboration capabilities keep the communication open to avoid unnecessary product iterations and improve product quality.

## **Unified Live Collaboration**

**Deploy product development processes across the extended enterprise**

### **Date Warehouse Indexing and Search**

Data Warehouse Indexing and Search solutions aggregate IP across all business process domains into a single meta-model. Process management capabilities enable stakeholders to collaborate across product development, eliminating bottlenecks or identifying business processes needing modification.

### **Business Process Management & Execution**

Business Process Management and Execution solutions enables stakeholders to collaboration across all aspects of product development, identifying, modifying, and where necessary, eliminating any business process bottlenecks. Users can repeatedly execute common business processes from one or more organizations.

### **IP Asset Federation**

IP Asset Federation solutions utilize a standards-based open environment to drive bi-directional information exchange between DS V6 and popular business systems such as Enterprise Resource Planning (ERP) or Rational ClearCase. Users can realize end-to-end data and process management without disruption to established system capabilities, increase data accuracy, and avoid expensive downstream issues.

### **IPLM Collaboration Studio**

IPLM Collaboration Studio solutions provide the administrative tools to manage and deploy the ENOVIA system with flexible tools that lower total cost of ownership while fulfilling unique business needs. Users will experience simplified system implementation and maintenance.

## ENOVIA V6

PLM 2.0 or "PLM Online for All" enables all users to imagine, develop, share and experience the products in the universal language of 3D while harnessing the collective intelligence of online communities.

Experience PLM 2.0 with V6! Define products, process and resources within an online virtual world that behave exactly as they would in real life. V6 truly brings to life the entire product lifecycle knowledge, from ideation to engineering, production, consumer usage, maintenance and disposal.

Take advantage of V6's single, open and web-based scalable platform and fully engage in global collaborative innovation practices! Discover how easy it is to simulate how your products will perform, be built and experienced by the customers before you make any capital investment so you can hit the right market with the right product faster, and with lowest costs.

## About ENOVIA

ENOVIA is a recognized leader in delivering collaborative PLM solutions. We enable companies from a broad range of industries to dramatically accelerate innovation, time-to-market and revenue generation by collaboratively developing, building and managing products. Our solutions facilitate the sharing of concepts, content and context across product lifecycles and throughout value chains of employees, customers, suppliers and partners.

ENOVIA collaborative PLM solutions help global enterprises bring together people, processes, content and systems to achieve a compelling competitive advantage. Our interoperable solutions unify and streamline processes across the product lifecycle, enabling companies to easily and cost-effectively work on projects within and outside of their enterprises. Our adaptable, scalable technology is built to accommodate the ever-changing marketplace.



## About Dassault Systèmes

As 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 life cycle of products from conception to maintenance. Our offering includes integrated PLM solutions for product development (CATIA®, DELMIA®, ENOVIA®, SMARTEAM®), mainstream product 3D design tools (SolidWorks®), 3D components (Spatial/ACIS®) and SIMULIA®, DS' open scientific platform for realistic simulation. Dassault Systèmes is listed on the Nasdaq (DASTY) and Euronext Paris (#13065, DSY.PA) stock exchanges. For more information, visit [3ds.com](http://3ds.com).

