



ENOVIA SmarTeam V5R19 – FACT SHEET

Leveraging PLM to Enable Excellent Products

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INTRODUCTION

In V5R19, ENOVIA SmarTeam has stepped up its efforts to extend the availability of PLM across the organizations and make its offering more easily accessible and available to greater audiences within engineering departments and mid-sized businesses. V5R19 leverages functionality introduced in V5R18 to further enhance design collaboration across the supply chain. Enrichment to existing Web capabilities makes access to remote users over the Web easier through improved performance and connectivity. V5R19 increases ENOVIA SmarTeam's multi-CAD advantage with enhanced CAD integration.

In this release, ENOVIA SmarTeam has refined its out-of-the-box, Express offering to capture best practices of its core products and deliver a PLM system that has a shorter implementation cycle, yet is modular for companies with evolving PLM needs. V5R19 also marks the addition of an expanded online collaboration solution, 3DLive, enabling visual 3D product management. 3DLive provides enterprise customers with real-time business insight and facilitates better decision making throughout the product lifecycle, providing an unmatched solution in the market for collaboration that is both lifelike and simultaneous.

Overall, ENOVIA SmarTeam V5R19 continues to provide powerful enhancements for leveraging PLM excellence by delivering rapid, affordable, flexible collaborative offerings to its users.

ENOVIA SmarTeam V5R19 is the leading solution for **rapid-value PLM**, enabling mid-market businesses and engineering departments of larger organizations to optimally integrate, manage and reuse their product knowledge and processes. **ENOVIA SmarTeam** addresses global challenges through collaborative solutions that accelerate time to market, reduce costs, promote quality, and streamline responsiveness to customers, the market, and diverse regulatory demands. ENOVIA SmarTeam customers enjoy rapid **return on investment** (ROI) through flexible, **low total cost of ownership** solutions that control all product information and drive product-centric collaborative processes across an organization's design, engineering and enterprise domains, and with supply chain partners.

WHAT'S NEW AT A GLANCE

ENOVIA SmarTeam V5R19 offers the following business benefits:

- Extend remote access to users over the Web
- Enable better performance and efficiency of remote CATIA data management
- Reduce implementation time with preconfigured yet modular out-of-the-box PLM to accelerate ROI
- Improve design collaboration across the supply chain
- Facilitate real-time business insight and better decision making through lifelike enterprise collaboration using 3DLive

OVERVIEW

ENOVIA SmarTeam - Comprehensive PLM Scope

ENOVIA SmarTeam provides comprehensive PLM capabilities via a role-based offering delivered on a robust, integrated enterprise infrastructure. Proven functionality covers the full collaborative scope across **design, engineering** and **enterprise** scenarios, as well as with external parties. ENOVIA SmarTeam leverages state-of-the-art technologies to securely control, manage and enable the collaborative reuse of product intellectual property (IP) throughout the product lifecycle. It automates and manages business processes, including change management, with flexible, advanced workflows. It streamlines project-tracking and work across people, sites and platforms.

- **ENOVIA SmarTeam Design Collaboration**

ENOVIA SmarTeam manages all design activities in an immersive multi-CAD, multi-data environment. It enables dispersed design teams to work in collaboration in single or multi-CAD environments, to introduce innovation to new products and reuse existing IP to achieve faster-time-to market.

- **ENOVIA SmarTeam Engineering Collaboration**

ENOVIA SmarTeam seamlessly combines cross-departmental engineering-based activities throughout the product lifecycle in a unified environment for effective data management and sharing among various organizational roles. It enables management of the engineering BOM, the manufacturing BOM, and engineering release and change processes across different engineering roles, including with extended engineering partners (value chain).

- **ENOVIA SmarTeam Enterprise Collaboration**

ENOVIA SmarTeam promotes collaboration and standardization of work methods across the extended organization, including inter-disciplinary teams and sites. ENOVIA SmarTeam provides a unified environment, friendly user interface, and powerful interlock across product, process and project knowledge. These capabilities enable non-engineers to access product information and participate in business processes. SmarTeam also provides Web-based data access to customers and field personnel, reducing operational costs.

DETAILED DESCRIPTION

The V5R19 capabilities below are grouped by Dassault Systèmes' and IBM's ENOVIA SmarTeam fundamentals, bringing value to the customer:

Extend remote access to users over the web

- In V5R19, ENOVIA SmarTeam enhances information availability to various users by focusing on **web and remote access**.
- Enhancement to existing **Vault infrastructure** makes remote user access over the Web more effective through improved performance and connectivity. This translates into better user productivity and ability to support additional concurrent users.
- New Web **lifecycle visual components** for SmarTeam's Web interface and skins enhance the look and feel and contribute to usability.
- V5R19 introduces a new **Web Form Designer**, the tool for administrators to influence the look and feel for the web profile card and queries.

Enable better performance and efficient data management by remote CATIA users

- One of the significant focus areas in this release is the enhancement of ENOVIA **SmarTeam CATIA Web Integration (CWI)**, enabling remote access of CATIA users to CATIA data stored in ENOVIA SmarTeam. ENOVIA SmarTeam V5R19 supports access to data storage in vaults over HTTP protocol which enables better capacity and ability to support additional concurrent users. This extended deployment of SmarTeam systems enables organizations to collaborate faster and more efficiently, gaining **better performance and easier access to data** which is stored across this extended deployment. Relying on this platform, ENOVIA SmarTeam design collaboration over the Web provides enhanced remote **CATIA data management** without having to be limited by distributed data storage considerations.

- ENOVIA SmarTeam's **HTTP-based vault platform** provides improved and secured connectivity and more options for various PLM deployment patterns.

Reduce implementation time with preconfigured yet modular out-of-the-box PLM to accelerate ROI

- In this release, ENOVIA SmarTeam has refined its out-of-the-box, **Express offering** to capture best practices of its core products and deliver a PLM system that has a shorter implementation cycle, yet is modular for companies with evolving PLM needs.
- V5R19 enhances simplified deployment, packaging and usability to **promote easy Product Lifecycle Management adoption**. Its expanded out-of-the-box Express offering present SmarTeam Design Express and SmarTeam Engineering Express on a **unified platform**, together with SmarTeam core products, making PLM easier than ever to launch and extend. ENOVIA SmarTeam's "start small, grow as you go" **expanded Express packages** deliver quick-start, scalable core design and engineering collaboration, driving best-practice deployment.
- In this release, the Engineering and Design Express offerings have been unified to one platform together with SmarTeam core products. This enables organizations to move from design to engineering PLM needs smoothly and easily enrich their implementation with the ability to address **an end-to-end concept-to-manufacturing business process**, enabling a low total cost of ownership.
- ENOVIA SmarTeam's modular, out-of-the-box Express offering can be used as a **quick-start PLM implementation** or to **extend an existing SmarTeam deployment**. Moreover, SmarTeam core capabilities can also be added on top of an existing Express deployment.
- In addition to the enhancements to the Express offering, this release provides **new options for installation procedures**. SmarTeam installation now includes user roles that are aligned with the SmarTeam role-based packaging approach. Moreover, additional SmarTeam components can now be installed using a **silent installation program** enabling faster and easier deployment.

Improve design collaboration across the supply chain

- V5R19 leverages ENOVIA SmarTeam functionality to further enhance design collaboration, providing improved management of **multiple CATIA environments**. Offering seamless management of CATIA data originated in different CATIA versions, ENOVIA SmarTeam V5R19 design collaboration **enables CATIA data management across the supply chain** and enables suppliers to work with multiple OEMs, each using a different CATIA environment, enabling suppliers to provide OEMs with CATIA data according to OEM standards. All of these enhancements to CATIA **improve usability, reduce costs, and errors** thus enabling **faster work**, and **improved accuracy**.
- V5R19 **enhances multi-CAD capabilities** for exposing design data to engineering by enabling users to open CAD documents from a specification item, and **closes the loop** between SmarTeam collaborative engineering and CAD integrations.
- V5R19 Design Collaboration provides **improved performance and enhanced functionality and usability**. The design releases of large assemblies can be executed as seamless separate jobs, **ensuring data integrity**.
- **SmarTeam CATIA integration** enhances management for CATIA drawings by improving the text mapping into title blocks, enabling **easy import of CATIA legacy data**.

Facilitate real-time business insight and better decision making through lifelike enterprise collaboration using 3DLive

- V5R19 also marks the addition of an expanded online collaboration solution, **3DLive**, enabling visual 3D product data management. 3DLive provides enterprise customers with **real-time business insight** and **facilitates better decision making** throughout the product lifecycle, providing an unmatched solution for collaboration that is both lifelike and simultaneous.
- Whereas V5R18 delivered the first level of 3DLive support for highly visual searching, navigating and collaborating around CATIA-based product information, V5R19 now has **integration to engineering functionality** and **enhanced design functionality**. Engineering functionality includes **BOM navigation and visualization**; enhanced design functionality includes 'in-context design and FT&A (Functional, Tolerance and Annotation). The addition of multi-CAD capabilities offers additional benefits for organizations and **opens the door for the highest level of 3D collaboration**.
- Overall, ENOVIA SmarTeam V5R19 continues to provide powerful enhancements for leveraging PLM excellence by delivering rapid, affordable, flexible collaborative offerings to its users.