SmarTeam® – Editor Configuration (SED)
Comprised of: SmarTeam® – Foundation (FDN) and SmarTeam® – Editor (EDR)

**Highlights**

- **Cutting-edge collaborative Product Lifecycle Management solution**
- **Comprehensive document and product data management**
- **Multi-CAD data management**
- **Product Structure and Configuration Management**
- **Secure lifecycle management supported by an electronic vault**
- **Advanced search and retrieval capabilities for knowledge reuse**
- **Robust visualization capability**
- **Supports local and remote initiation of and participation in workflow processes**
- **Powerful decision support through report generation enablement**
- **User-friendly Windows and Web interface for pleasant working environment**
- **Customization tools for unique company needs and reduced Total Cost of Ownership (TCO)**
- **Packaging**

**Cutting-edge collaborative PLM solution**

Rapidly implemented, scalable, customizable, and uniquely cost-effective, ENOVIA SmarTeam delivers Product Lifecycle Management (PLM) to mid-sized companies. SmarTeam - Editor (EDR) is the core product lifecycle collaboration application of the ENOVIA SmarTeam product suite. It provides solutions that enable organizations to collaboratively manage and track product information from concept through retirement, as well as create, modify, share, view and annotate engineering and office-type documents. Whether within the enterprise or dispersed in remote locations, SmarTeam - Editor enables local and remote individuals and teams working on multi-platforms (Windows or Unix) to participate in all PLM-related activities in a secure manner, through either Windows or Web interfaces. Using SmarTeam - Editor, businesses gain improvements in product quality, reduce costs, expedite project turnaround, and comply with industry standards and shorten time-to-market.

SmarTeam - Editor delivers robust PDM functionality, including document and design management with embedded Office integration, revision management, search and reuse, product structure and configuration management, complemented by integrated workflow and change management, CATIA and Multi-CAD and Enterprise application integration. The SmarTeam product suite is built on a unified platform, enabling an easy and modular expansion across departments, sites and including the supply chain.

**Comprehensive document and product data management**

SmarTeam – Editor facilitates efficient data capture, management and knowledge reuse, maximizing innovation potential and reducing cycle time. With SmarTeam – Editor, companies are able to manage various types of data and resources like CAD drawings and assemblies, Bills of Material (BOMs), Office-type documents, including Microsoft® Word and Microsoft® Excel and more.

Information is organized in hierarchical tree structures and links, with intuitive, customized Classes and sub-Classes, representing the ‘parent’-‘child’. Data is maintained in the SmarTeam database, and attributes are displayed in the object’s Profile Card. EDR maintains complete structures, attributes, and links, and users are able to quickly start new projects by modifying existing ones.

**Multi-CAD data management**

Utilizing its best-in-class CAD integrations, SmarTeam – Editor maintains data integrity, and provides a common collaborative PLM platform for Multi CAD data management among diverse engineering teams, using CATIA® V5, SolidWorks®, AutoCAD®, Autodesk Inventor®, Solid Edge® and more.

**Product structure and configuration Management**

SmarTeam’s “Product and Item-centric” approach provides users with different top-down perspectives for viewing, managing and working with the Product structure and assemblies, including the entire Product BOM. Together with SmarTeam – BOM, SmarTeam – Editor enables users to maintain and extract different product representations using predefined, yet fully customizable Multiple Views - such as “As designed”, “As manufactured”, and “As maintained” - increasing knowledge reuse, and reducing data redundancy.

With SmarTeam, customers can react quickly and flexibly to design changes through Product structure modeling, SmarTeam enables BOM creation directly from the CAD system, and facilitates further manipulation and collaboration by internal company engineers and external supply chain partners.

**Secure lifecycle management supported by an electronic vault**

Maintaining security and control over files is of utmost importance. Documents and Items are life-cycled managed. EDR enables users to perform all lifecycle operations on documents and items, protecting them from unauthorized modifications and accidental deletion. Users, for example, can check In/Out or Release entire assemblies from the Vault Server including their associated files, as well as change (promote) an item’s status. The Vault Server creates new versions of each file as it is revised, and distinguishes between them using unique lifecycle states for documents and items. File and metadata read/write privileges are granted or denied depending on user’s personal, group, global role, and project-based authorization definitions.

With the HTTP-based vault architecture, organizations achieve improved remote connectivity and security working with local vaults over HTTPs protocols.
Advanced search and retrieval capabilities for knowledge reuse

Reuse product data and save valuable time through simple and advanced database and vault search techniques. EDR is equipped with numerous, intuitive search capabilities. Users can run predefined queries for items, configurations, drawings and assemblies based on objects’ attribute data, and group searches for public or private use. They can also define new search criteria on-the-fly. Full Text Search (FTS)* enables users to locate documents through a simple and advanced search capability. Users can define new layouts and semantics, office documents and CAD formats, such as SOLIDWORKS eDrawings, providing users with the ability to apply their organizational preferences, business rules and end-user scenarios. Its highly visual, well-structured, user-friendly, Windows and Web-tools enables administrators and users to tailor profile cards, menu options, user-defined tools and more. An enhanced Application Programming Interface (API) is delivered for further development and customizations.

Robust visualization capability

The SmarTeam viewer embeds the latest viewing technologies of Oracle AutoVue, Dassault Systemes 3D PLM, and SolidWorks eDrawings, providing users with native viewing, markup, manipulation, and printing of over 450 formats, including 2D CAD, 3D CAD parts & assemblies, PCB layouts and semantics, office documents and more, without requiring the authoring application that created them. These incorporated visualization and collaboration technologies are accessible and equally beneficial to the shop floor, design engineering, manufacturing, purchasing, suppliers, customers, sales and marketing, and provide all levels of an organization with the ability to apply their knowledge and expertise throughout the product lifecycle.

Supports local and remote initiation of and participation in workflow processes

When combined with SmarTeam – Workflow (WFL), SmarTeam - Editor enables users to initiate and participate in change processes, such as ECR and ECO, and perform tasks defined in the process.

Powerful decision support through report generation enablement

EDR leverages existing, commercial report generation application Crystal Reports through OLE DB Provider, to optimize the value of SmarTeam data, by an easy and secure creation of multi-type reports. Users may also produce cross-system reports that integrate information from SmarTeam and other systems, e.g. ERP, as well as customize reports to match different role needs. This is enabled through the EDR Windows interface.

Customization tools for unique company needs and reduced Total Cost of Ownership (TCO)

SmarTeam’s customization tools reduce Total Cost of Ownership (TCO) by allowing customers to continuously enhance the system to adapt the system to work the way they work and based on their evolving needs. EDR provides complete flexibility in customizing the look and feel and behavior of the application, according to organizational preferences, business rules and end-user scenarios. Its highly visual, well-structured, user-friendly, Windows and Web-tools enables administrators and users to tailor profile cards, menu options, user-defined tools and more. An enhanced Application Programming Interface (API) is delivered for further development and customizations.

Packaging

SmarTeam – Editor is sold as part of the SmarTeam – Editor Configuration only which includes the SmarTeam – Foundation product. New in VSR18, The SmarTeam – Editor license has been unified to include Windows and Web client that users can use alternatively for local or remote connectivity. SmarTeam – Editor is shipped with Oracle® 10g or IBM DB2® databases at no extra cost, and supports Microsoft® SQL server.

Windows Client HW Requirements

- Pentium IV 2.4 GHz or higher
- Memory: 512 MB
- Free disk space: 750 MB
- Network connection to SmarTeam – Foundation servers: TCP/IP

Windows Client SW Requirements

- Windows XP Pro SP2 x86 and x64 (runs as 32bit),
- Windows Vista Business x64 (64bit) Edition
- Windows Server 2003 SP2 or 2003 R2 SP2 x64 (32bit) Standard Edition or Enterprise Edition, OR 2003 R2 x64 (64bit),
- Embedded Office integration supports Microsoft Word and Excel 2003 SP3 or 2007
- For e-mail messages - supports Microsoft Outlook 2003 SP2, 2007 and Lotus Notes 7, 7.5.1 and Live Communication Server 2005 (3DLive)
- Microsoft IIS 6.0 for Windows 2003 (32-bit)
- Runtime environment Microsoft .NET Framework 3.0

Web Client Specifications

- Pentium IV or higher
- Windows XP Professional SP2 x86 (32bit) and x64 (64bit) edition
- Microsoft Windows Vista Business x64 (64bit) edition
- Enterprise Red-Hat Linux 4
- Novell (SUSE) Linux Desktop 9 Web Browsers
- Microsoft Internet Explorer 7.0
- Mozilla 1.7
- Other
- E-mail support: Microsoft Outlook 2003 SP2, 2007 and Lotus Notes version 7 and 7.5.1
- For performing different actions on client Machine: JAVA plug-in SUN JRE1.6 Update 2 or Update 4 for https

Notes applicable for both Interfaces:

* Full Text Search capability is only supported on Microsoft SQL Server or Oracle databases.
** Embeds Oracle AutoVue Professional Version 19.3, DS 3D PLM VSR19 and SolidWorks® eDrawings 2008. DS viewer and SolidWorks® eDrawings are supported on Windows OS only.
- Please refer to SmarTeam system requirements document for more details.

For more information, go to:
www.enovia.com or www.3ds.com

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