**ENOVIA VPM Configured STEP Interface**

**Product Objective**
ENOVIA® VPM® Configured STEP Interface imports STEP files (Standard for the Exchange of Product Model data) into the Dassault Systèmes V6 environment. STEP is an international product data standard (ISO 10303) that provides a computer-interpretable definition of the physical and functional characteristics of a product throughout its lifecycle.

**Product Overview**
Working globally is common today but the inherent problems remain—redundant, inaccurate data because of incompatible systems, language barriers, time zones, etc. Data is gathered and managed through a variety of sources, with little integration. Information silos prevent the right information from getting into the right hands. The result is that stakeholders, from engineering to purchasing, make product related decisions based on faulty data. STEP provides a single product data standard that integrates the data. With STEP, engineering, manufacturing, and support functions have a common basis for implementing, sharing, and archiving product-related information.

STEP is an international product data standard (ISO 10303) that provides a computer-interpretable definition of the physical and functional characteristics of a product throughout its lifecycle. The standard is much broader than the Initial Graphics Exchange Specification Standard (IGES), which defines a neutral data format that allows the digital exchange of Computer-Aided (CAD) systems. The nature of STEP makes it suitable not only for neutral file exchange, but also as a basis for implementing and sharing product databases and archiving.

ENOVIA VPM Configured STEP Interface delivers an efficient way to carry over large set of data from any Product Data Management (PDM) system to Dassault Systèmes V6. The product supports very large assemblies and configurations and is appropriate for industries such as aerospace and defense, industrial equipment, and automotive.

**Product Highlights**
ENOVIA VPM Configured STEP Interface imports product structure data and maintains an association with the related geometry. The software enables Dassault Systèmes V6 users to import large assemblies. Some of the product’s capabilities and features include:

- Imports geometry data in STEP format while supporting external references
- Available in batch mode for background processing, includes STEP geometry documents and imported nested assemblies
- Provides specific mappers required to perform STEP data exchange in STEP AP203 and AP214

**Key Customer Benefits**
- Enables customers with an existing product data management (PDM) system to migrate to V6 VPM
- Allows users to exchange specific data between project partners with huge data and heterogeneous PDM systems installed
- Foster innovation through global innovation by implementing and sharing product databases
- Improve quality through accurate information for all users
- Enhance decision-making by putting the right information in the hands of the right people
The role of ENOVIA V6 and PLM 2.0

ENOVIA VPM Configured STEP Interface supports PLM 2.0, product lifecycle management online for everyone, and the ENOVIA V6 values: global collaboration innovation, single PLM platform for intellectual property (IP) management, online creation and collaboration, ready to use PLM business processes, and lower cost of ownership.

About ENOVIA

ENOVIA is the 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 Euronext Paris (#13065, DSY.PA) stock exchange.

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