

CONFIGURED

ENOVIA VPM Configured STEP Interface



ENOVIA® VPM Configured STEP Interface imports STEP (Standard for the Exchange of Product Model data) files into the 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.

Key Benefits

- Exchange specific data between project partners with large data volumes 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

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, creating information silos that 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 into 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. This ensures data integrity and allows V6 users to import large assemblies. ENOVIA VPM Configured STEP Interface capabilities and features include:

- Import geometry data in STEP format while supporting external references to the related geometry.
- Import assembly structures in one STEP file as well as assembly structures made from a set of nested STEP files.
- Support for STEP AP203 edition 1 and edition 2, STEP AP214, and STEP PDM Schema

ENOVIA VPM Configured STEP Interface is to be used mainly for massive import (migration) from a non-DS PDM system. It is available in batch mode only. The user has the ability to initiate a batch process to import STEP assemblies that include STEP geometry documents and also import nested assemblies.

ENOVIA R.A.C.E. Setup Compliancy

When ENOVIA VPM Configured STEP Interface is deployed along with ENOVIA® VPM Team Central™ or ENOVIA® VPM Central™ using the available ENOVIA Rapid Application Configured Environment (R.A.C.E.) Setup, the applications can be used immediately in production. This eliminates the need for specific customizations and reduces the time and effort for enterprise deployments.

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.



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