

COMPONENT

ENOVIA Component Central



ENOVIA® Component Central™ enables companies to define classification taxonomies and manage reusable components in a single centralized location that helps improve reuse and reduce costs when defining the Approved Vendor and Manufacturer Lists (AVL and AML) for the enterprise engineering bill-of-material (EBOM).

Key Benefits

- Improve product quality by managing accurate and real time component information stored in a single, centralized system for enterprise-wide reuse
- Manage the full scope of commercial component information including manufacturer and supplier equivalent parts
- Define classification taxonomies to enrich component selection without requiring costly data modeling or administrative knowledge of the underlying process
- Increase sourcing options and create a more accurate bill-of-material by managing cross-reference information for components, and maintaining several supplier or manufacturer equivalent parts for a given enterprise item
- Minimize component proliferation by fully defining and controlling component approval and preferences based on commodity, consuming location, and/or supplier

Product Overview

With ENOVIA Component Central, component administrators can create and manage the full scope of commercial component information including manufacturer and supplier equivalent parts (MEPs and SEPs) in a single-central repository for enterprise-wide component reuse. Its classification taxonomy enables component administrators to classify components (commercial and enterprise) to simplify the component selection process while designing their products.

ENOVIA Component Central manages multiple levels of qualification, preference and approval of components based on location or preference to ensure accurate and timely information for engineers while building EBOMs.

Product Highlights

ENOVIA Component Central has the following key capabilities:

Single Source for Components

With ENOVIA Component Central, companies can define and manage enterprise parts as well as manufacturer and supplier equivalent parts (MEPs and SEPs) throughout the company in a single centralized repository, providing users with timely and accurate access to information. ENOVIA Component Central comes with a comprehensive schema (data model) to manage all facets of a component such as its manufacturer information, supplier information, specifications, cross-reference relationship information and associated documents and attachments. As a result, engineers make better decisions when choosing components for the AVL and AML of enterprise EBOMs.

Manufacturer/Supplier Equivalent Parts (MEPS & SEPS)

ENOVIA Component Central allows component administrators to manage the full scope of commercial components by defining its supplier and manufacturer equivalents (MEPs and SEPs) and the underlying relationships between MEPs, SEPs and enterprise parts. This provides component administrators with a multi-faceted view of component usage while performing BOM analysis and keeps track of components to be qualified and procured from different vendors.

Component Classification Taxonomy

ENOVIA Component Central allows companies to define and manage multiple library classifications by using role-based taxonomies to organize components. Users having appropriate access privileges can manage these libraries without expending IT resources. Users can contribute easily to overall product development via libraries tailored for their specific domain and/or job function, promoting component reuse.

Qualification And Approval Management

Component administrators can use ENOVIA Component Central to fully access, review, define and control component approval and preferences based on commodity, consuming location, and/or suppliers to minimize component proliferation. It supports qualification and approval of enterprise parts and their equivalents (MEPs and SEPs) for use in BOMs.

The Role of ENOVIA V6 and PLM 2.0

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



Delivering Best-in-Class Products



Virtual Product



Information Intelligence



3D Design



Virtual Planet



Realistic Simulation



Dashboard Intelligence



Digital Manufacturing



Social Innovation



Collaborative Innovation



3D Communication

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