

COMPONENT

ENOVIA Component Experience



ENOVIA® Component Experience enables design engineers to search and reuse standard parts across the enterprise based on associated manufacturer equivalent and supplier parts (MEPs and SEPs) while defining engineering bills-of-material (EBOMs), thereby helping companies reduce cost and expedite time-to-market for their high value products.

Key Benefits

- Reduce cost and time-to-market while defining the enterprise EBOM by searching for standard parts
- Build products right the first time by selecting qualified, approved and preferred components
- Reduce proliferation of components and improve component reuse across the enterprise
- Perform comprehensive evaluation of components by comparing the part definition and its equivalent manufacturer and supplier part information

Product Overview

With ENOVIA Component Experience, companies can build better products at a lower cost and with reduced time by encouraging part reuse and reducing part proliferation across the enterprise. It allows design engineers to perform enterprise-wide search for approved, qualified and preferred standard parts based on equivalent manufacturer or supplier parts while building EBOMs.

ENOVIA Component Experience helps design engineers reduce rework and wasteful product iterations by providing seamless access to commercial information of reusable components ensuring that the parts chosen are right the first time. Side-by-side comparison and AVL reporting capabilities enable design engineers to comprehensively evaluate the components to use while building EBOMs, helping them dramatically reduce the time-to-market for designing engineered products.

Product Highlights

Search and Access Standard Parts

ENOVIA Component Experience provides parametric search capabilities that allow design engineers to search and evaluate standard parts based on commercial part information such as manufacturer or supplier name and preferences. They can also search for standard parts based on corresponding part equivalent (MEP or SEP) attributes and qualifications while building EBOMs. Search results show a fully cross-referenced view of parts including all necessary information to make a component selection including unit-of-measure, lead time, target cost, estimated cost, effective date, usage location, manufacturing location, and supplier location. Additionally, users can access attachments and reference documents for components and their equivalents (MEPs and SEPs).

Side-by-Side Comparison of Part Definition

ENOVIA Component Experience allows users to perform a side-by-side comparison of multiple components from the search results list based on various classification attributes used to make a selection. This helps component engineers examine the similarities and differences of attributes of various qualified components and choose the right one for the most optimized design.

AVL Reports

Users can generate Approved Vendor Lists (AVL) reports for EBOMs to present information on standard parts used and the corresponding MEPs or SEPs. This enables component engineers to make well-informed decisions while driving sourcing initiatives during the design process.

The Role of ENOVIA V6 and PLM 2.0

ENOVIA Component Experience supports PLM 2.0, product lifecycle management online for everyone, and the ENOVIA V6 values, which are:

- Global collaborative innovation
- Single PLM platform for intellectual property (IP) management
- Online creation and collaboration
- Ready to use PLM business processes
- 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

Dassault Systèmes, the **3DEXPERIENCE** Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 150,000 customers of all sizes, in all industries, in more than 80 countries. For more information, visit www.3ds.com.

Europe/Middle East/Africa

Dassault Systèmes
10, rue Marcel Dassault
CS 40501
78946 Vélizy-Villacoublay Cedex
France

Asia-Pacific

Dassault Systèmes
Pier City Shibaura Bldg 10F
3-18-1 Kaigan, Minato-Ku
Tokyo 108-002
Japan

Americas

Dassault Systèmes
175 Wyman Street
Waltham, Massachusetts
02451-1223
USA

Visit us at
3DS.COM/ENOVIA

