

LIBRARY

ENOVIA Library Experience



ENOVIA® Library Experience enables companies to achieve a competitive advantage by assisting in the accelerated product development and delivery through reuse. Users can easily create new documents or locate existing product content to classify and organize it in a hierarchy that is tailored to their business environment and products.

Key Benefits

- Work with library classification systems that match the role's unique needs
- Classify existing product content from other ENOVIA products or create new product documents with robust document management capabilities
- Search libraries based on classification parameters in any unit of measure
- Request additional "download" access from a librarian after reviewing library content for items of interest
- Participate in content peer reviews before those documents are made available to the rest of the organization
- Stay informed of critical product content changes by subscribing to library updates and additions

Product Overview

Time-to-market in most industries has become the critical factor in realizing fully a product's revenue potential. In addition, product complexity and the breadth of products have outpaced the productivity gains needed for companies to maintain a competitive advantage. Tools that increase the rate of development for product content are essential for improving design and production efficiencies.

Reuse of product content, per current studies, has shown a 70% savings in product design time (source: "Reuse Impact on Time-to-Market", University of Tennessee). The infrastructure for cataloging, finding, and managing reusable data is a key element to realizing these savings. An inefficient product content reuse system can diminish the actual savings. A system that fits the company's business and data needs will inevitably enjoy better adoption rates and is essential for translating potential savings into bottom line profits.

With ENOVIA Library Experience, users can access libraries of product content tailored for their specific needs. ENOVIA Library Experience provides simple and efficient search and navigation capabilities. Whether using the hierarchical tree-browser or the powerful parametric search capabilities, it is quick and easy for users to search thoroughly library repositories to find the best available match for their criteria. This in turn maximizes the reuse achieved and the savings returned on the investment in the company's intellectual property.

Product Highlights

ENOVIA Library Experience enables users to add, view, and download product development content from libraries that have been tailored to meet their specific needs. Key features and capabilities include:

Parametric Searches and Comparisons

The powerful, yet simple to use, search capability makes it easy to locate product content based on complex sets of reuse criteria. ENOVIA Library Experience provides advanced search options for searching the entire library and classification attribute definitions. The search can be constrained to classes within a chosen branch of the hierarchy, or criteria attributes may also be limited to a user-selected branch. In addition, ENOVIA Library Experience simplifies searching across different units of measure, automatically comparing the specified search criteria against the database, regardless of how the parameters were captured originally. An advanced comparison tool analyzes search results further to identify differences for ranking alternatives. The simplicity of the search tools encourage end users to look for the best available content always, instead of settling for the first adequate content encountered.

Role-Based Library Classifications

Users work with libraries that have been defined with classification taxonomies unique to their role. The same content may exist in more than one library, but users can browse and search within the role-specific taxonomy of just one library. This capability enables each role to share common database and find data easily from within the context of their domain expertise.

Library Security

A flexible access control mechanism allows librarians to determine which users and/or roles have access to the library classification structures. Only specified users can view and navigate the libraries, the library structures, and the content. Limited access is granted to allow users to navigate the data, but not download the classified content or intellectual property (IP). However, users can request download access from the librarian for the given IP, which may be granted on a temporary basis with time limitation for downloads.

IP Management

ENOVIA Library Experience allows users to classify existing parts or documents created from other ENOVIA products. In addition, a user can create a new part or document of any type and immediately classify it in the library. When new IP is added to a class, it inherits additional attributes to extend its definition to support the parametric search capability.

Electronic Review Processes

ENOVIA Library Experience has the option to enforce cross-functional reviews of library content before releasing the content to a broader group of end users. Routes circulate the content to select individuals for review and approval. Route templates, which pre-define review and approval steps, further simplify route creation and setup. The review process complies with the U.S. Food and Drug Administration's (FDA) 21 Code of Federal Regulations (CFR) Part 11 for recording electronic signatures. All companies can benefit from security capabilities such as password verifications, password aging, password format checks, failed attempts logging, and requiring two administrators to alter a user's password.

Notification of Changes

Users can subscribe to automatic notifications for key events such as new content added to the library or changes to classified items. Subscriptions are defined for entire libraries or to individual components. Notification comes in the form of automatically generated email and can include attached descriptions and links to the relevant library or components for easy navigation. This means that library members can make decisions based on up-to-the-minute status of issues and updates, rather than static knowledge captured at the time of reuse.

The Role of ENOVIA V6 and PLM 2.0

ENOVIA Library Experience 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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