



## **ENOVIA Specification Central**

### **Product Overview**

Many global companies face the basic problem of enabling their employees to locate the master definition of a product – or a “single version of the truth.” This is due to the deployment of multiple systems that manage the product specification needs of various regions or markets even if they are selling the same types of products. These multiple systems result in duplicate work by design teams creating new products with slightly different, but similar ingredients, instead of leveraging work previously done. Consequently, companies miss opportunities for large volume discounts on purchased raw materials, which result in higher development costs.

ENOVIA® Specification Central™ provides the ability for companies to manage product specifications as structured documents based on different market requirements throughout the world. ENOVIA Specification Central uses templates that define the specification's content, formatting and access rights. Templates can be global, regional or local. Regional and local templates can be spawned from this global definition. These child templates inherit parameters from their global definition including some attributes with preset values to ensure consistency.

ENOVIA Specification Central offers signature-based approval and password authentication, full history and audit trail capabilities and change management of all specifications necessary to produce a product. ENOVIA Specification Central ensures that all participants in the specification lifecycle, both within and outside the enterprise, are included in repeatable, secure, and efficient communication workflows.

Using ENOVIA Specification Central, organizations can achieve greater partner participation, identify and fix specification-related issues early in product lifecycles, and maximize innovation to positively impact top-line revenue and bottom-line profitability. ENOVIA Specification Central also solves the specification management needs of both Consumer Packaged Goods and Discreet Manufacturing. While this encompasses many industries, a common set of behaviors, consequences, and business impacts exist across these industries.

### **Product Highlights** **Specification Templates**

Specification Templates drive standards throughout the enterprise by driving the format and definition of all new product specifications. Specification Templates enable companies to set attributes at a global, regional or local level. Specification Templates are also under change control. The change process allows the enterprise to notify all derived product specifications of the change, allowing the product specification owners to make informed decisions.

### **Create Structured Specifications**

In ENOVIA Specification Central, each specification consists of individual data attributes. This structure enables companies to standardize product data across their enterprise and enables specification data to be transferred to other systems without entry — eliminating costly errors. Other data-rich relationships supported include Characteristics, Ingredients, Packaging Assemblies and Formula Assemblies.

Specification characteristics provide detailed product data and units of measure. Users can associate to product specifications relevant compliance documents, such as Test Methods, Material Safety Data Sheets for raw materials, and Manufacturing Instructions for process specifications.

### **Key Customer Benefits**

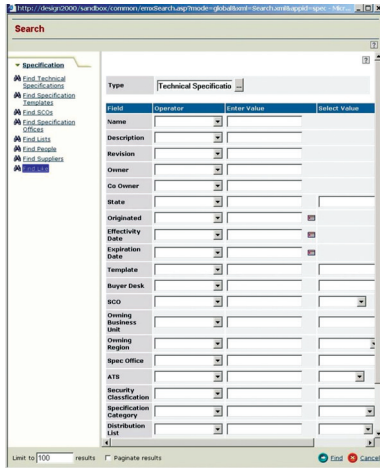
- Shorten package and product development cycles
- Improve first-time quality and reduce product recalls
- Enable buyers to track specific high cost materials
- Eliminate costly errors resulting from miscommunication with suppliers
- Reduce re-work and eliminate local information silos by centralizing product data and driving specification standards
- Reduce specification proliferation by enabling re-use
- Ensure that the specification release process complies with US FDA Part 11.



## Product Highlights (continued)

### Manage Specifications by Organization

Companies can manage product specifications globally or according to business unit and region, which allows companies to include global teams in the review and approval process. This review and approval process includes electronic signatures that comply with United States Food and Drug Administration (FDA) Part 11 guidelines for audit trails and authentication. Efficient global, regional, and local product specification distribution is also a key benefit of ENOVIA Specification Central.



### Collaborate with Suppliers on Specifications

Specifications can be securely routed to suppliers for input, discussion or informal approval. Suppliers are never given access to any information unless they are specifically assigned responsibility for a specification.

### Search, View, Print and Subscribe to Specifications

Users can search for issued specifications by number or attributes through a powerful find like feature that can optionally include full-text content search capabilities within a specification's file.

Users can view, compare and print the rendered specifications. Viewer integrations enable the nondestructive view and mark-up of native documents, providing on-line collaboration capabilities with real-time synchronization. To track certain specifications, users can subscribe for automatic notification of any changes.

### 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.

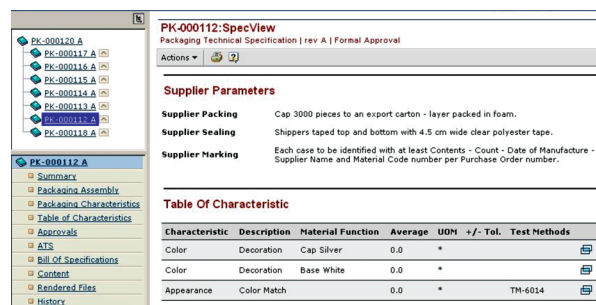
All specifications are presented on-line to the user as compound documents. This virtual document, or SpecView, shows all information defined in the specification, including attributes, characteristic tables, approvals, revision history, related specifications and file content for legacy document support.

### Specification Change Process

A streamlined Specification Change Order (SCO) process ensures that all necessary reviews and approvals (with complete histories) expedite specification changes quickly and efficiently. As part of the formal SCO approval review process, approver lists are available to every organization. Additionally, SCOs can be sent for an optional peer review, which allows co-workers to comment on the specifications. Once issued, specifications are distributed automatically to all users that need to be updated.

### Bill of Specification

ENOVIA Specification Central provides the ability to create a Bill of Specification (BOS) that describes the product specification structure. The BOS product structure relates all specifications necessary for the finished product. The BOS enables product owners to easily view all related specifications, including their status, version and any authorized temporary specifications that may be available. It also enables users to identify where a specification might be used, in order to understand the impact of a change before making it.



### The Role of ENOVIA V6 and PLM 2.0

ENOVIA Specification Central 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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