MatrixOne

MatrixOne
Specification Central ™

MatrixOne Specification Central provides a single platform for secure specification management. It enables enterprises to better manage and standardize on the development, review, approval and distribution of product specifications, including those related to packaging, raw materials and formulas. The result is a single and global view of each product specification with role-based visibility into the specification content.

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

Using Specification Centeral 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.

Business Process Application

Effectively and Efficiently Manage All Specifications Across the Enterprise and Value Chain

Specification Central helps organizations bring their products to market faster by making specification information available—in a structured manner—to all stakeholders involved in the product development process.

With MatrixOne Specification Central, you can:

- 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 specification re-use

ENOVIA MatrixOne PLM Environment

Features and Capabilities

Create Structured Specifications

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

Through Specification Central, the definition of specifications can be configured. This allows enterprises to securely collaborate on product designs, construction details, bill of material components, sizing and grading characteristics (including points of measure), raw materials, test procedures, artwork and illustrations, color approval and dye-house testing related content.

Specification characteristics are created to provide detailed product specification data and units of measure. Specifications can be directly related to relevant compliance-specific documents, such as test methods, material safety data sheets for raw materials and manufacturing instructions for process specifications.

Manage Specifications

Since specifications are managed throughout the enterprise according to business unit and region, companies can review, approve, issue and distribute specifications in the most efficient manner possible—with central control and regional flexibility.

Collaborate with Suppliers on Specifications

Through *Supplier Review* routing capabilities, 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 non-destructive 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.

All specifications are presented on-line to the end user as a formatted document. 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 automatically distributed to all users that need to be updated.

Multi-level Specification Templates

All specifications are created based on Specification Templates. These templates enable companies to *set* attributes at a global, regional or local level—providing the ability to drive standards throughout the enterprise. When templates are updated, all specification owners that utilized that template are notified of the change.

Bill of Specification

Specification Central provides the ability to create a Bill of Specification (BOS) that contains a formal product specification structure. This structure hierarchy *relates* all specifications necessary for any given product and enables users to easily view all product 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 Matrix PLM Environment

Being the industry's most robust and flexible PLM environment, Matrix PLM provides organizations with a single, secure environment that eliminates the barriers caused by geographically dispersed organizations and value chains, multiple disparate systems and increasing security requirements. The environment consists of a portfolio of business process applications that work in conjunction with the Matrix PLM Platform and our broad offering of enterprise integrations.

About ENOVIA MatrixOne

MatrixOne, Inc. was acquired by Paris-based Dassault Systèmes in May, 2006 and today is part of its ENOVIA PLM Collaborative Environment family of solutions. The ENOVIA MatrixOne solutions enable companies to accelerate product innovation to achieve top line revenue growth and improve bottom line profitability. ENOVIA MatrixOne is focused on helping companies across the automotive, aerospace & defense, consumer, machinery, medical device, semiconductor and high-tech industries solve their most challenging new product development and introduction problems. More than 850 companies use ENOVIA MatrixOne solutions to drive business value and gain a competitive advantage, including industry leaders such as BAE Systems, Bosch, Comau, General Electric, Honda, Johnson Controls, Linde AG, NCR, New Balance, Nokia, Philips, Porsche, Procter & Gamble, REI, Sony Ericsson, STMicroelectronics and Toshiba. ENOVIA MatrixOne (www.MatrixOne.com) is headquartered in Westford, Massachusetts, with locations throughout North America, Europe and Asia-Pacific.