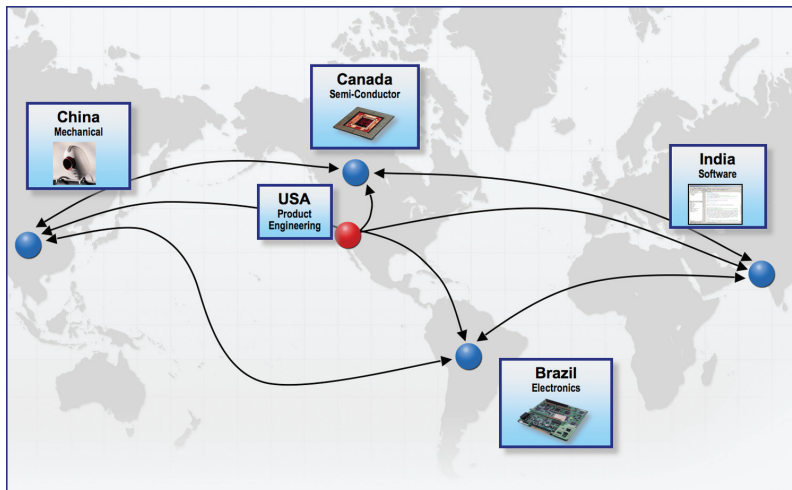


MatrixOne Engineering Central™

Economic and competitive pressures are causing companies to rapidly transition to a **Design Anywhere, Manufacture Anywhere (DAMA)** business model. As technology evolves, products are becoming more complex and encompass more electronic and software content to differentiate them. Companies need to eliminate the significant process and data communication barriers that exist between mechanical, electronics and software engineering disciplines within the enterprise and the product supply chain.

MatrixOne Engineering Central enables companies to create a competitive advantage by addressing key DAMA business challenges:

- Improved communication and collaboration with global development teams comprised of internal and external resources
- Advanced Part and Bill-of-Material (BOM) management capabilities to manage any combination of software, electronics and mechanical product information
- Global product development and change processes that provide the right information to the right users at the right time



Business Process Application

Consolidate the Management of All Engineering Data and Processes in One Enterprise Solution

With MatrixOne Engineering Central, You Can:

- Consolidate part design content from multiple engineering systems and tools by providing a single definition of the Engineering Bill-of-Material (EBOM)
- Leverage the skills and knowledge of the enterprise and supply chain through the institutionalization of cross-functional product development and engineering change processes
- Decrease product costs by enabling component engineers to qualify and manage purchased parts from multiple suppliers on a local or global basis
- Make improved product development decisions with analysis reports that quickly identify component usage, highlight differences between assemblies, and summarize design changes over time

ENOVIA MatrixOne PLM Environment



Features and Capabilities

Part Management

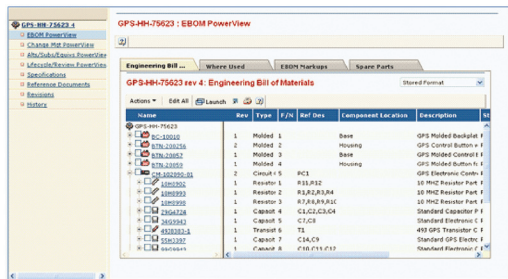
Product development and component engineering teams can manage parts on a global basis. Part subtypes are used to capture specific business behavior and attributes. Parts can have development and production lifecycles for added process flexibility.

Alternate and Substitute Parts

Reduce manufacturing downtime and quality issues by providing a list of engineering approved "alternate" or "substitute" parts that can be used by manufacturing in place of the primary part.

Manufacturing Part Numbers

Reduce manufacturing bottlenecks and production delays by providing an integrated purchased component qualification and management solution.



Spare Parts

Reduce service planning and support costs by allowing service spare parts to be defined in parallel with product engineering.

Specifications

Structured or unstructured CAD documents and their associated data files can be developed and managed in parallel to part/BOM development, with links tying them together, providing improved product development communication and throughput.

Documents

Microsoft® Office™ or other documents can be managed independently or associated to parts. This improves inter-department communication and company knowledge capture such as best practices and industry standards.

Bill Of Material Management

Global Development teams have a single, persistent definition of new and existing product EBOMs, which reduces errors due to time

delays in communication and data. EBOMs can have an unlimited number of parts and BOM levels. The EBOM assembly structure is automatically updated when new component revisions are released. An integrated structure browser allows users to easily navigate and edit multi-level BOMs. Both **Find Number** and **Reference Designator** identifiers are supported for electromechanical products.

Multi-Level BOM and AVL

Improve communication and reduce data errors internally and with electronic contract manufacturers by providing multi-level BOM reports and data packages with optional location specific preferred suppliers and component parts.

BOM Comparison

Improve part re-use and product quality by providing the ability to compare BOMs across multiple levels.

Consolidated EBOM

Improve purchasing response time and reduce errors by providing a quantity roll up of parts from a multi-level Bill of Material.

CAD Integrations

These integrations capture product structure and documentation directly from MCAD, EDA, software management or CAD data management tools.

ERP Integrations

These integrations enable seamless electronic data transfer to and from ERP systems to support existing production business processes.

Engineering Change Management

Reduce engineering change cycle time and cost by leveraging an electronic Engineering Change Request and Order process (ECR/ECO).

BOM Markup

An intuitive BOM markup tool allows users to markup, approve, and apply BOM changes.

Multi-Level Where Used and Mass Change

Enables users to quickly determine affected items, raise change requests and perform complex mass change operations such as replace, add, remove or edit.

Advanced Configuration Management

Capabilities such as revision control, multiple effectivity types, and history audit trails ensure design integrity and change traceability.

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.

