Matrix PLM Platform

The **Matrix PLM Platform™** serves as the backbone for the **Matrix10™** environment and is the underlying engine for Matrix10's PLM business process applications, modeling capabilities and third party system integrations. A proven, standards-based offering, the Matrix PLM Platform has been built to support global, enterprise-wide deployments, and is equipped with the industry's highest level of flexibility, scalability and performance, making it the ideal platform to support the product development process of any enterprise in any industry.

Enterprises across all industries are embracing global operations and outsourcing as a powerful means for cost reduction, efficiency and profitability. This model, however, is only as good as the platform supporting it. In order to realize these benefits, a company's PLM strategy must be supported by a proven platform capable of scaling to support the largest, most complex deployments and be flexible enough to work in a variety of environments and quickly respond to change. It must also possess the performance needed to enable the adoption of business process best practices across the global enterprise and throughout its value chain of customers, suppliers and partners.

By basing their PLM implementation on top of the Matrix PLM Platform, companies can successfully unite all of their key participants and partners in a single, high performance environment that fosters collaboration, adapts quickly to change and maintains robust security standards.

PLM Platform

Support Global Product Development Strategies

MatrixOne's Matrix PLM Platform provides organizations with a proven, standards-based platform capable of driving greater efficiencies across their global value chain of employees, suppliers and partners.

With the Matrix PLM Platform, you can:

- Deploy PLM solutions to solve immediate business problems, and quickly scale to support large global deployments.

- Collaborate with external partners, suppliers and developers as early as possible in the development process.

- Increase external collaboration through role-based access while maintaining network and information security.

- Leverage the best practices developed in partnership with some of the world's most innovative companies while retaining your competitive advantage and adaptability.

- Seamlessly integrate diverse environments, applications and operating systems.

- Realize powerful business benefits and metrics through global collaboration.

ENOVIA MatrixOne PLM Environment

A Proven Platform for Global Deployments

The Matrix PLM Platform enables organizations to deploy PLM solutions incrementally or as part of a single, global deployment. As a result, organizations can develop products more efficiently and effectively through a global network of partners, suppliers and manufacturers.

Features and Capabilities

Dynamic Modeling

Through the **MatrixOne PLM Modeling Studio™**, the MatrixOne PLM Platform provides the flexibility to easily configure business processes, user interfaces and infrastructure options to ensure that they meet an organization's needs, today and tomorrow, at the lowest possible total cost of ownership.

World-Class Scalability

The Matrix PLM Platform's scalable architecture enables the addition of database servers and industry standard web application servers for load balancing and geographically dispersed deployments. In addition, file storage services also enable efficient file server distribution. As a result, large files remain close to the users who access them most frequently, while ensuring that all users worldwide enjoy easy access to those files as needed.

Optimal Performance for Large-Scale Databases

Compiled schemas boost the performance of very large-scale databases.

Advanced XML Communication Capabilities

This ability enables seamless integration to other enterprise systems — both legacy and new — and drives a standards based approach for system-to-system communication.

Common Integration Framework

The common integration framework ensures a standard based approach for integrations to a wide range of authoring and design tools, including MCAD, ECAD, ERP, office desktop tools and more.

Security

- Advanced LDAP integration ensures common authentication and administration.
- All ENOVIA MatrixOne applications on the platform support single sign-on funtionality.
- Advanced two-factor smart card authentication with RSA Webagent or Tivoli Policy Director.
- Industry standard support for digital certificate technologies.

Integrated Enterprise Platform for a Wide Range of PLM Solutions

Provides the underlying backbone for the solutions in the following areas:

- Program Management
- Specification Management
- Change Management
- Supplier Management
- Global Collaboration
- Document Management
- Product Management
- Bills of Material Mgmt
- Strategic Sourcing
- Other Business Processes

Standards-based Open Environment

The platform's standards-based open environment enables organizations to quickly and easily implement a PLM strategy across diverse environments, applications and platforms.

The Matrix PLM Platform supports:

- Oracle and DB2 at the database level
- All leading operating systems (Linux, IBM, HP, Microsoft and Sun)
- Java, XML, C++, C, JNI, RMI
- NET8, SSO, LDAP, HTTPS, PKI, digital certificates, 128 encryption, reverse proxies
- Application server support (Tomcat, IBM, BEA, Sun)
- J2EE compliance
- .NET, Web service and portlet support

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.