

ENOVIA MatrixOne 10.7 Portfolio

Enables innovation through collaborative product development business processes

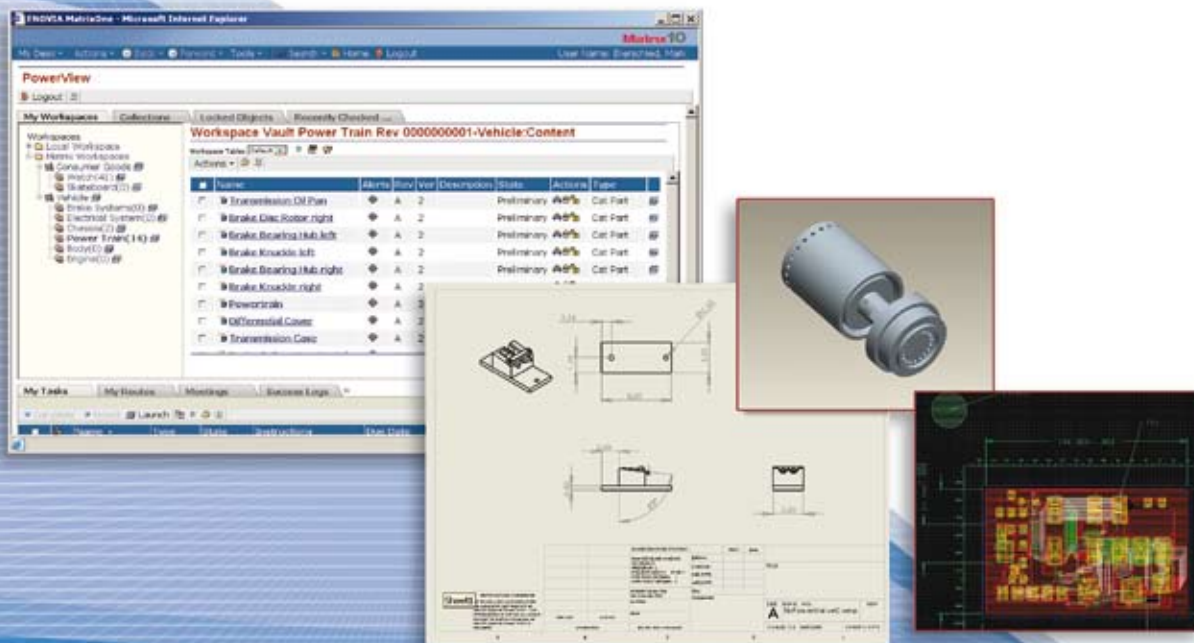


ENOVIA MatrixOne V10.7

enables innovation through collaborative product development business processes

ENOVIA MatrixOne, an IBM and Dassault Systèmes Product Lifecycle Management (PLM) solution, enable companies to bring together people, processes, content and systems to achieve a compelling competitive advantage. From the conception of the new product, right through to delivery, ENOVIA MatrixOne addresses the demands of role-based knowledge workers throughout the organization by:

- **Transforming the value chain into a virtual enterprise**
- **Implementing standards-based solutions built to support global, enterprise-wide deployments**
- **Managing globally dispersed programs, project teams and connected activities**
- **Optimizing industry best practices and process excellence**



The goal of ENOVIA MatrixOne is to put information into the hands of users who need it, when they need it. The result is real-time visibility into programs and projects, leading to more informed decisions, such as when to eliminate marginal projects, how to keep high return-on-investment (ROI) projects on track, predict product/project results, and align appropriate resources to the most important projects. By adopting an ENOVIA MatrixOne enterprise solution, companies can improve quality and innovation.

Transform the value chain into a virtual enterprise—ENOVIA MatrixOne business-process applications incorporate the best practices of some of the world's most innovative companies, enabling an organization to greatly improve the way they collaborate with internal and external teams, develop products, and work with suppliers and partners. The applications cover a broad process footprint—one of the broadest in the PLM industry today—ranging from product definition to manufacturing handoff.

Implement standards-based solutions built to support global, enterprise-wide deployments—

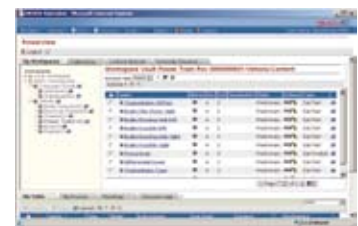
The ENOVIA MatrixOne platform is a standards-based offering built to support global, enterprise-wide deployments and is equipped with a high level of flexibility, scalability, and performance.

ENOVIA MatrixOne is an ideal platform to support the product development process of almost any enterprise in almost any industry.

The ENOVIA MatrixOne platform includes a robust suite of products that cover a wide range of processes including product planning, product development, materials compliance, product sourcing, and program management. They are integrated with many business and industry-leading applications including ENOVIA VPLM and CATIA V5, allowing users to incorporate collaborative capabilities into their work routine quickly and easily. The MatrixOne platform includes dynamic and flexible schema and built-in modeling tools that enable organizations to quickly configure applications without expensive, time-consuming coding.



3D Visualization



Designer Central

Essential to any successful PLM initiative is the ability to interoperate with existing internal systems and applications—as well as those of global partners and suppliers. The MatrixOne Platform can be installed on a single server providing worldwide access and offering user's one consistent view of product development data. Through this unique and open architecture, MatrixOne applications can be deployed and supported from a central location, while the file servers can be distributed and controlled around the world to provide end users with improved performance.

Manage globally dispersed programs, project teams and connected activities—Companies today rely on global product development teams to drive high-quality products to market faster, and at a lower cost, more than ever before. To achieve this with limited resources, companies need to tightly align the design-related activities between development teams, suppliers, and customers. Such coordination is critical to the product-development process. ENOVIA MatrixOne applications can be used across many industries to allow companies to keep geographically dispersed teams connected through access to real-time data and business processes.

Optimize industry best practices and process excellence—Industry specific technology speeds deployment and user adoption. ENOVIA MatrixOne applications cover a broad variety of industries and leverage proven business process applications that are tuned to represent industry best practices, specific industry language and terminology, data models and schema and pre-defined work processes and reports.

Implementing an ENOVIA MatrixOne collaborative PLM solution can help global enterprises bring together people, processes, content and systems to achieve a compelling competitive advantage. Interoperable solutions help unify and streamline processes across the product life cycle. This allows companies

Task Name	WBS	Task Type	State	% Complete
Project Creation		APQP Project	Create	0.0
Phase 1: Approval	1	Phase	Create	0.0
PHASE 2: PLAN AND DEFINE PROGRAM	2	Phase	Create	0.0
Phase 2: PRODUCT DESIGN AND DEVELOPMENT	3	Phase	Create	0.0
Phase 3: PROCESS DESIGN AND DEVELOPMENT	4	Phase	Create	0.0
Phase 4: PRODUCT & PROCESS VALIDATION	5	Phase	Create	0.0
4.01 Production Trial Run (MOP 4.1)	5.1	Task	Create	0.0
4.02 Measurement System Evaluation (MOP 4.2)	5.2	Task	Create	0.0
4.03 Process Process Capability Study (MOP 4.3)	5.3	Task	Create	0.0
4.04 Supplier PPAP (MOP 4.4)	5.4	Task	Create	0.0
4.05 Production Part Approval (MOP 4.5)	5.5	Task	Create	0.0
4.06 Production Validation Test Plan (MOP 4.6)	5.6	Task	Create	0.0
4.07 Packaging Evaluation (MOP 4.7)	5.7	Task	Create	0.0
4.08 Production Control Plan (MOP 4.8)	5.8	Task	Create	0.0
4.09 Production Release Plan	5.9	Task	Create	0.0
4.10 Production Ramp-Up	5.10	Task	Create	0.0
4.11 Quality Planning, Risk-Of-Failure Management, Support (MOP 4.11)	5.11	Task	Create	0.0
4.12 Quality Planning, Risk-Of-Failure Management, Support (MOP 4.12)	5.12	Task	Create	0.0
Phase 5: RETIARY ASSESSMENT AND CONSTRUCTION	6	Phase	Create	0.0
Leadfile Create	7	APQP Project	Create	0.0
Leadfile Update	8	PPAP	Draft	0.0
Leadfile Top	9	PPAP	Draft	0.0
Leadfile Close	10	PPAP	Draft	0.0



to work more easily and cost-effectively on projects within and outside of their enterprises. The adaptable and scalable technology is built to help accommodate the ever-changing marketplace.

The intended result is the ability to get earlier input from suppliers and business partners, streamline internal and external processes, adopt best practices, maximize the value of information and expertise, accelerate the delivery of more innovative products, and realize ever-increasing returns and competitive advantages.

Enterprises across all industries are embracing global 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 flexible enough to work in a variety of environments and quickly respond to change. It must also provide the high performance necessary to allow the adoption of business process best practices across the global enterprise and throughout its value chain of customers, suppliers, and partners.

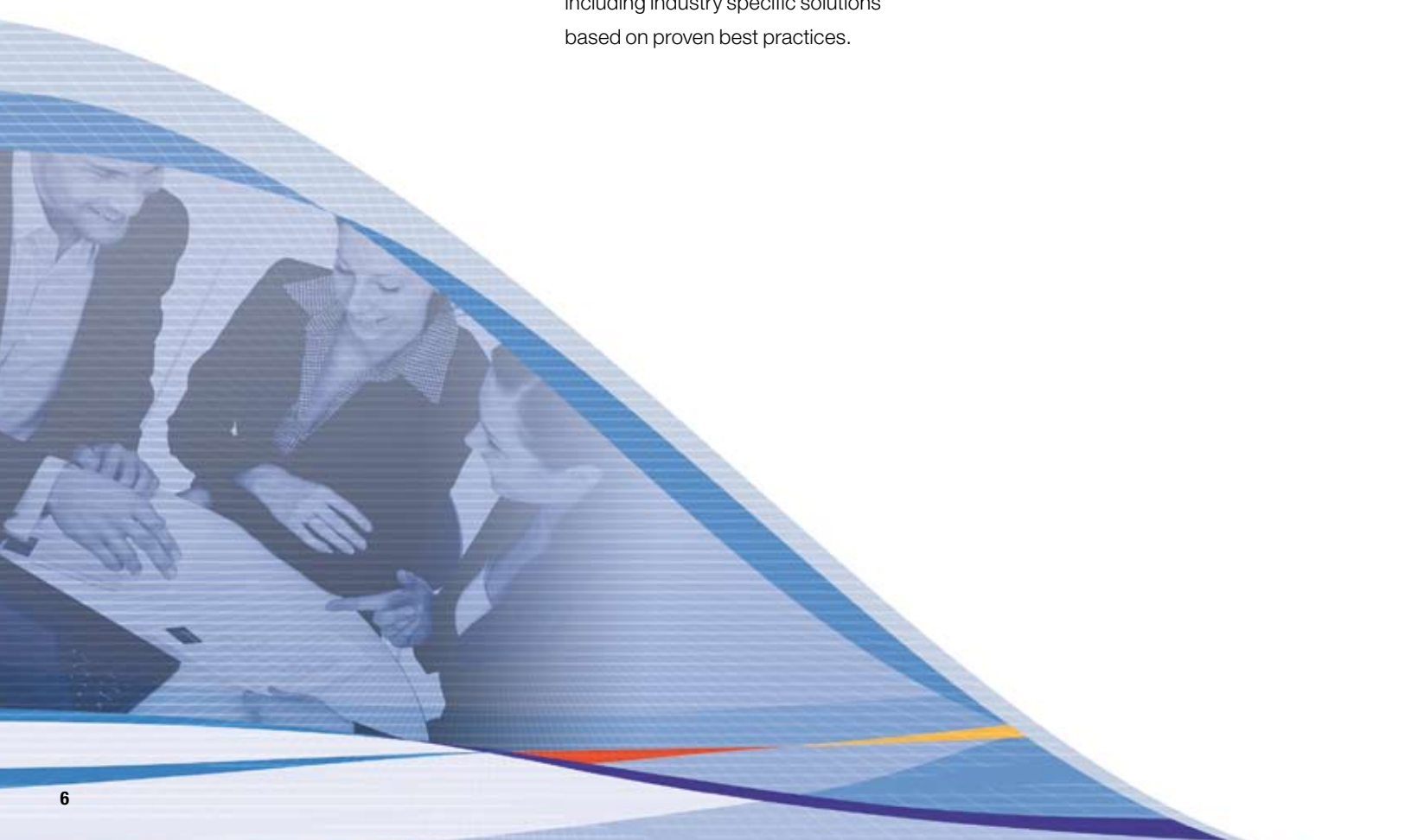


The ENOVIA Brand

The ENOVIA collaborative product development environment addresses the full spectrum of product and business processes, from small-scale teams to extended enterprises with many thousands of users. ENOVIA offers solutions to manage simple as well as highly engineered complex products across a broad range of industries. The solutions are flexible, rapidly deployed, and easily configurable to provide secure product data management and collaborative benefits across teams, departments, and work sites, customers, suppliers and other value chain partners.

The ENOVIA portfolio includes:

- **ENOVIA VPLM**, a virtual product development environment for designers, sourcing specialists and production planners in medium to large companies.
- **ENOVIA SmarTeam** provides collaborative product data management solutions for mid-sized companies and engineering divisions of large organizations.
- **ENOVIA MatrixOne** solutions provide collaborative business processes for the enterprise level organization, including industry specific solutions based on proven best practices.



ENOVIA MatrixOne 10.7 Product Groupings

The MatrixOne environment is organized by 'domain', which represent a logical grouping of products based on the problems that they are intended to address. All products across these domains are built with the same compatible technology and can be deployed together as part of a single MatrixOne system.

The MatrixOne domains are:

Platform products—These products establish the necessary environment for running all other MatrixOne products. They include tools for administering the system and integrations that can be applied to all other available product domains.

X-BOM Management products—

These products provide cross-functional bill-of-material management and change control capabilities.

Compliance Management product—

These products provide capabilities to manage product compliance to government regulations currently focused on materials compliancy.

Portfolio Management products—

These products provide capabilities to manage the product portfolio and execute new product introduction development programs to deliver products to market.

Supplier Relationship Management products—

These products extend the product development process to the supply chain.

Collaborative Product Engineering products—

These products provide cross-functional, CAD design collaboration and tool integration.

Vertical products—

These products extend offerings from the process domains with industry specific terminology, data types, and function.

ENOVIA MatrixOne 10.7 Platform Products

MatrixOne Platform (PLF)

The MatrixOne Platform is the underlying support of all of the MatrixOne business process products. It has a very robust and broad integration API set, which allows integration to multiple third party enterprise and desktop tools—from Mechanical Computer Aided Design (MCAD) to Electronic Computer Aided Design (ECAD), to document management, ERP, and so on.

MatrixOne becomes the information or the product life-cycle management backbone. Now organizations can leverage their investments in third-party authoring tools and enterprising systems and pull that information together so knowledge workers can be prepared to make better decisions, conceptualize new products, and get them to market faster than ever before. It includes the following:

- *End-user navigation of business objects with a client running on Windows or UNIX operating systems, or a Web browser*
- *Administrative capabilities for defining the MatrixOne system architecture including potential MatrixOne database distribution and federation to other MatrixOne systems*
- *The Matrix Query Language (MQL) for a command line interface to perform many MatrixOne product functions*

- *Right to execute programs written with the MatrixOne Application Development Toolkit*

MatrixOne Application Exchange Framework (AEF)

The MatrixOne Application Exchange Framework provides schema and user interface components for building all MatrixOne products. Its user interface components can be leveraged by users to expand standard MatrixOne product functionality with unique capabilities. The MatrixOne Application Exchange Framework also enables seamless process execution by defining how data should be shared across all MatrixOne products. This data model is designed to easily integrate with other IBM/Dassault Systèmes products, such as 3DLive, which enables 3D collaboration and product visualization.

Optional Products—Administration Tools

MatrixOne Adaplet Development Kit (ADT)

MatrixOne Adaplet Development Kit delivers documentation and examples for writing custom MatrixOne programs that use the Adaplet libraries available in the MatrixOne Platform. An Adaplet is a MatrixOne proprietary technology to communicate to other data sources and represent this data as if it is native to the MatrixOne system.

MatrixOne Application Development Kit (ADV)

MatrixOne Application Development Kit delivers documentation and examples for writing custom MatrixOne programs that use the programming libraries available in the MatrixOne Platform.

MatrixOne Platform for File Collaboration (FCS)

MatrixOne Platform for File Collaboration allows users to deploy MatrixOne file servers closer to end users for improved file upload and download performance.

MatrixOne Platform for Development and Test (DTE)

MatrixOne Platform for Development and Test allows a company to establish a development environment for testing any customizations or configurations that are needed in their production MatrixOne system.

Optional Products—User Tools

MatrixOne Autonomy K2 Integration (AK2)

MatrixOne Autonomy K2 Integration delivers an interface to a customer's Autonomy K2 full-text search server for faster 'keyword' searching of MatrixOne data and associated files.

MatrixOne Cimmetry AutoVue Professional w/Integration (2D) (C2D)

MatrixOne Cimmetry AutoVue Professional w/Integration (2D) allows users to view and mark up a file checked into MatrixOne without having access to the tool used to author the file.

MatrixOne Cimmetry AutoVue Professional w/Integration (3D) (C3D)

MatrixOne Cimmetry AutoVue Professional w/ Integration (3D) allows users to view and mark up a file checked into MatrixOne without having access to the tool used to author the file.

MatrixOne Microsoft Desktop Integration (MSF)

MatrixOne Microsoft Desktop Integration enables rapid adoption and intuitive usage of MatrixOne PLM products in Microsoft-centric organizations by allowing product development teams to create, retrieve, edit, and share MatrixOne-based product content while engaged in familiar Microsoft programs including Microsoft Word, Excel, PowerPoint and Outlook. With this integration, users should be able to incorporate MatrixOne PLM functions into their Microsoft applications without disrupting established productivity.

Optional Products—Process Management

MatrixOne Business Metrics Module (BMM)

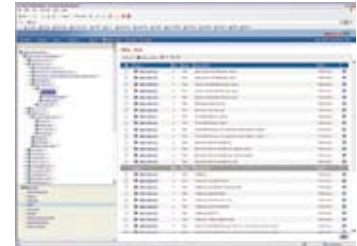
MatrixOne Business Metrics Module helps companies drive continuous business process improvements to operate more efficiently. Using a comprehensive set of metrics-based reports, users and managers can create and define views of the company's product data as well as analyze historical data and trends in order to help make better strategic decisions.

MatrixOne Library Central (LIB)

MatrixOne Library Central enables companies to achieve a competitive advantage by assisting in the accelerated product development and delivery through reuse.

MatrixOne Team Central (TEA)

MatrixOne Team Central provides a secure, structured, virtual workplace that enables ad-hoc collaboration for cross-functional and geographically dispersed teams. It allows users to collaborate on documents and structured product data, such as parts and request for quotes (RFQs), through discussions, notifications, alerts, and workflow/ approval processes.



Library Central



Team Central

ENOVIA MatrixOne 10.7 X-BOM Management Products

MatrixOne Engineering Central (ENG)

MatrixOne Engineering Central enables companies to help 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. Key 'design anywhere, build anywhere' business challenges are addressed with:

- *Improved communication and collaboration with global development teams comprised of internal and external resources*
- *Advanced part and bill-of-materials (BOM) management capabilities*
- *Global product development and change processes that are intended to provide the right information to the right users at the right time*

MatrixOne Specification Central (SPC)

MatrixOne Specification Central delivers a single platform for secure specification management. It is designed to enable enterprises to better manage and standardize on the development, review, approval, and distribution of product specifications. This includes 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.

Optional Products— Advanced BOM Management

MatrixOne ClearCase Integration (CLC)

MatrixOne ClearCase Integration provides access to software engineering content from the MatrixOne PLM system while still allowing software developers to use IBM Rational ClearCase for source code control and build management. The net result should be better cross-functional collaboration across the extended enterprise without impact on software engineering productivity.

MatrixOne Cost Analytics Module (CST)

MatrixOne Cost Analytics Module allows manufacturing companies to estimate, track and manage product costs very early in the product lifecycle. It enables cost analysts, engineers, and buyers to analyze BOMs using standard or actual costs for existing parts and estimated or quoted costs for new or modified parts.

This helps organizations implement a design-to-cost methodology for their new product introduction (NPI) process. It enables cross-functional teams from engineering, finance and purchasing to understand and analyze their standard product costs, cost of change, cost targets and expected margins early in the NPI process. The net result is improved product margins and enterprise profitability.

MatrixOne Manufacturing Bill-of-Material Module (MFG)

The MatrixOne Manufacturing Bill-of-Material Module delivers a manufacturing BOM management solution complementing MatrixOne Engineering Central (TM), which manages engineering bill-of-materials (EBOM) and related engineering documentation. The combined solution supports a seamless flow of product development and manufacturing data and processes in support of a Data Management Association business model.

MatrixOne VPLM Enterprise X-BOM Management Integration (VXB)

MatrixOne VPLM Enterprise X-BOM Management Integration (VXB) enables a company to provide traceability between the mechanical product design in ENOVIA VPLM and the enterprise defined BOM managed by MatrixOne Engineering Central, which includes the product's electronics, software, and manufacturing definition. As a result, companies can manage Engineering Change Requests that span multiple design disciplines in order to properly assess impact.

The capabilities of the MatrixOne VPLM Enterprise X-BOM Management Integration can be extended by adding MatrixOne Product Central and/or MatrixOne Designer Central. MatrixOne Product Central can be used to define valid feature combinations to create product configurations and automatically generate the initial BOMs. MatrixOne Designer Central can be used to expose CATIA V5 models to extended enterprise. Likewise, when used as part of multi-CAD tool strategy, this information can be passed to VPLM for digital mockup analysis.

Optional Products—ERP Integrations

The MatrixOne ERP (Enterprise Resource Planning) integrations enables real-time and bi-directional exchange of part and bill-of-material data and operational data such as manufacturing costs, and inventory status between MatrixOne Engineering Central and a given ERP application to facilitate collaboration between product engineering and manufacturing operations.

The following MatrixOne integrations are available:

MatrixOne JD Edwards Direct Integration (JDD)

MatrixOne JD Edwards EnterpriseOne Integration (JDE)

MatrixOne Oracle Manufacturing Integration (ORM)

MatrixOne QAD MFG/PRO Integration (QAM)

MatrixOne SAP Integration (SAM)



Engineering Central



Rational ClearCase Integration



Cost -analytics reporting



Business Metrics Module

ENOVIA MatrixOne 10.7

Compliance Management Products

MatrixOne Materials Compliance Central (MCC)

MatrixOne Materials Compliance Central (MCC) enables companies to implement a Design for Environment solution with best business practice that include the ability to collect, integrate, analyze, and report a product's environmental compliance throughout its development lifecycle. Product development teams can check material content information from any design view, and are able to cross-reference this data against multiple regulations.

Designers can quickly determine if components meet compliance standards and substance thresholds in order to make any necessary changes early in the design process. Reports can be generated that compare the compliance of manufacturing equivalents, list recyclable content, or evaluate best- and worst-case manufacturing location scenarios. Suppliers can be incorporated into the material compliance evaluation process to ensure the component library contains the most current material composition and Restriction of Hazardous Substances (RoHS) certifications.

This provides critical information to design engineering when making choices based on the customer and/or market requirements that new products must meet. The net result is delivering innovative and environmentally compliant products that meet global market demands.

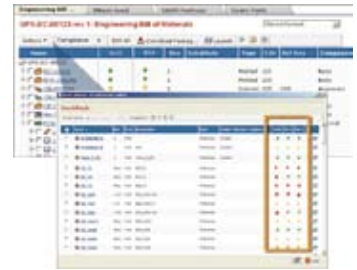
Optional Products

MatrixOne Materials Compliance Central Compliance Connect Spreadsheet (MCN)

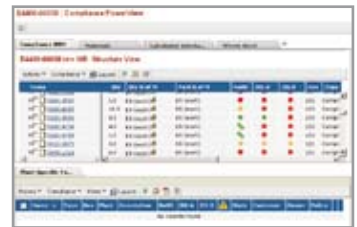
MatrixOne Materials Compliance Central Compliance Connect Spreadsheet allows users to enter materials substance information offline using a Microsoft Excel spreadsheet. Entered data can be uploaded into the MatrixOne database using the Materials Compliance Central importer.

MatrixOne Materials Compliance Central Supplier Portal (MSU)

MatrixOne Materials Compliance Central Supplier Portal allows a company's suppliers to view their assigned material declaration requests, review the customer's reporting deadlines and upload completed materials declarations.



Materials Compliance Central



Materials Compliance: PowerView

ENOVIA MatrixOne 10.7

Portfolio Management Products

MatrixOne Product Central (PRD)

MatrixOne Product Central enables improved communication and collaboration between a company's product planning and development organizations by managing and tracking evolving customer and market needs throughout the entire product development lifecycle. As a result, companies should be able to align stakeholders, accelerate time-to-market and maximize revenue potential and profitability associated with each product development effort.

MatrixOne Program Central (PRG)

MatrixOne Program Central allows companies to create a competitive advantage by helping deliver products from concept to market faster. Organizations can free critical resources to concentrate on the most profitable products while standardizing best in class business processes across the extended enterprise. Through project

pipeline dashboards, this solution provides management with real-time visibility into a project's status in terms of schedule, resources, costs and benefits. Ultimately, this allows for better decision making when analyzing which projects offer the highest potential return on investment.

Optional Product

MatrixOne VPLM Program Management Integration (VPR)

MatrixOne VPLM Program Management enables a company to use program management capabilities from MatrixOne Program Central to schedule and track the design process in ENOVIA VPLM. Given the high scalability and enterprise-wide reach of Program Central, companies can aggregate the progress of multiple design teams into a single executive dashboard view, and also track inter-dependencies with other functional roles in the extended enterprise.



Product Central



Program Central

ENOVIA MatrixOne 10.7

Collaborative Product Engineering Products

MatrixOne Designer Central (DEC)

MatrixOne Designer Central enables designers around the world to manage and collaborate from one application, for a wide variety of design tools. MatrixOne Designer Central eliminates the need for multiple CAD work group managers and the associated cost supporting each related data manager.

Through its unique and open architecture, the MatrixOne Designer Central application can be deployed and supported from a central location, while the file locations can be distributed and controlled around the world to provide end users with improved performance during file downloads and uploads. Product designs can be synchronized to the parts in the EBOMs so that the overall product development process stays coordinated.

MatrixOne Designer Central delivers collaboration tools to synchronously or asynchronously communicate across the globe. Through Designer Central's collaboration capabilities, needless design iterations can be eliminated, and real-time viewing and markup of designs can occur, even in the absence of the native design tools. Meetings can be scheduled with design content securely provided as part of the meeting, while discussion threads and markups allow for the capture of innovative thoughts in a natural, informal way without restricting end user creativity.

MatrixOne Designer Central for Visualization (DEV)

MatrixOne Designer Central for Visualization delivers collaboration tools for customers that have decided to develop their own xCAD model upload and download capabilities or take advantage of basic MatrixOne file management capabilities. MatrixOne Designer Central for Visualization allows design workgroups to synchronously or asynchronously communicate across the globe.

Through its collaboration capabilities, needless design iterations can be eliminated, and real-time viewing and markup of designs can occur, even in the absence of the native design tools. Meetings can be scheduled with design content securely provided as part of the meeting, while discussion threads and markups allow for the capture of innovative thoughts in a natural, informal way without restricting end user creativity.

If a MatrixOne xCAD integration product is preferred for CAD Model file management, then the standard MatrixOne Designer Central should be used.

MCAD Integrations

The following MatrixOne Mechanical CAD integrations leverage Designer Central capabilities to add data management for a given MCAD system:

MatrixOne AutoCAD Integration (AAD)

MatrixOne CATIA V4 Integration (CT4)

MatrixOne CATIA V5 Integration (CT5)

MatrixOne Inventor Integration (INV)

MatrixOne Microstation Integration (MCR)

MatrixOne Pro/ENGINEER Integration (PRO)

MatrixOne Pro/INTRALINK Integration (PRI)

MatrixOne Solid Edge Integration (SLE)

MatrixOne SolidWorks Integration (SLW)

MatrixOne Unigraphics Integration (UGR)

ECAD Integrations

The following MatrixOne Electronic CAD integrations leverage Designer Central capabilities to add data management for a given ECAD system:

MatrixOne Cadence Project Manager Integration (CDM)

MatrixOne Cadence Allegro Design Entry HDL Integration (CDH)

MatrixOne Cadence Allegro PCB Editor Integration (CDP)

MatrixOne Expedition (VeriBest) Integration (VEB)

MatrixOne Mentor Graphics Design Manager Integration (MGM)

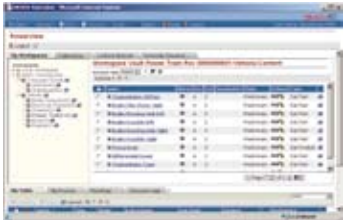
MatrixOne Zuken System Designer Integration (ZSD)

MatrixOne Zuken System

MatrixOne Zuken Board Designer Integration (ZBD)

MatrixOne Zuken Board Producer Integration (ZBP)

ENOVIA MatrixOne 10.7 Supplier Relationship Management Products



Designer Central



Designer Central



CATIA V5 Integration



Cadence Allegro Integration

MatrixOne Sourcing Central (SRC)

MatrixOne Sourcing Central is a strategic sourcing and quote management application that delivers out-of-the-box functionality to enable global organizations to help improve collaboration with their suppliers and partners, and help streamline the buyer-supplier interaction related to the sourcing of direct materials and highly engineered goods.



Supplier Specifications

MatrixOne Supplier Central (SUP)

MatrixOne Supplier Central allows quality managers to improve quality from the very beginning of the product lifecycle. Quality managers can create part quality plans from Work Breakdown Structures templates, allowing quality planning methodologies to be standardized, customized, and measured with a combination of control and flexibility. Dashboards and status tools with drill-down capabilities inform managers of areas in need of attention, ideally before product delays occur.

ENOVIA MatrixOne 10.7 Vertical Products

Aerospace & Defense

MatrixOne Aerospace & Defense Accelerator for Program Management (AER)

MatrixOne Aerospace & Defense Accelerator for Program Management manages development programs while helping ensure compliance with contractual guidelines and regulations. It provides an integration environment for tracking a program's information about requirements, product architecture and configuration, schedules, and deliverables.

Apparel

MatrixOne Apparel Accelerator for Design and Development (APR)

MatrixOne Apparel Accelerator for Design and Development delivers a single environment to manage an apparel company's product, project, color, material, line plan, and vendor data. It effectively allocates and manages resources across functional teams by tracking seasonal line planning calendars, approvals and responsibilities. Companies using the MatrixOne Accelerator for Design and Development can quickly react to shifts in seasonal requirements, industry trends, and consumer tendencies by leveraging robust and flexible workflow and planning templates visible to product/project team members.

Automotive

MatrixOne Automotive Accelerator for Program Management (APQP) (AUT)

The MatrixOne Automotive Accelerator for Program Management (APQP) provides automotive companies with the processes and tools to manage and improve the execution of complex automotive vehicle programs through the supply chain tiers with industry best practices and standards.

The MatrixOne Automotive Accelerator for Program Management (APQP) includes industry-specific standard templates for the phase-gate Advanced Product Quality Planning (APQP) process and the standard Product Part Approval Process (PPAP) incorporating the latest ISO/TS 16949 standard. It contains these pre-defined work processes, industry specific data models, reports, role-based user interfaces, and document management capabilities to help provide rapid ROI and benefits to the implementation.

Medical Device

MatrixOne Medical Device Accelerator for Regulatory Compliance (MED)

The MatrixOne Medical Device Accelerator for Regulatory Compliance manages a medical device company's Quality System Regulation (QSR) and International Organization for

Standardization (ISO) regulated design processes, projects, documents, and data. It provides robust audit trails and powerful authentication controls for FDA Part 11 compliance. The MatrixOne Medical Device Accelerator for Regulatory Compliance is composed of two key parts:

- *Enterprise Design Control*
- *Project and Program Control*

The MatrixOne Medical Device Acceleration for Regulatory Compliance design control capabilities manage all elements of the Device Master Record from a single, integrated source. This includes product data such as mechanical and BOMs, CAD model, configurations and related documentation such as drawings, specifications, procedures, and quality standards. Corrective and Preventive Action (CAPA) incidents are managed from initiation through change control to closure while maintaining electronic linkages to the implicated products and documents.

The MatrixOne Medical Device Accelerator for Regulatory Compliance project and program control capabilities synchronize Design History Files with product development's project deliverables. Companies can embed best practices and critical-to-quality drivers into standard, repeatable project templates.

Project managers are given real-time status of projects based on actual progress of document deliverables, and are able to oversee complex programs of interdependent projects.

Semiconductor

MatrixOne Semiconductor Accelerator (SCD)

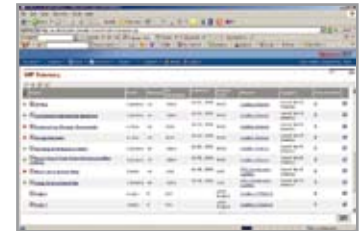
The MatrixOne Semiconductor Accelerator delivers capabilities to address a number of key business challenges specific to the semiconductor industry. The standard capabilities are for the MatrixOne Semiconductor Accelerator for Team Collaboration Solution, which provides Web-based issue management and collaboration in secure, structured, virtual workplaces for ad-hoc collaboration amongst cross-functional and geographically dispersed teams.

Members can collaborate on design data documents and other product content through discussions, notifications, alerts and review/approval processes. In addition, the Semiconductor Accelerator provides capabilities for IP management, enterprise project management, and preparation of the integrated circuit (IC) BOM, which leverage the MatrixOne Semiconductor Accelerator for Team Collaboration Solution.

The optional capabilities activated with the MatrixOne Semiconductor Accelerator for IP Management Solution are for Intellectual Property (IP) and design reuse, which helps companies achieve a competitive advantage by accelerating semiconductor development and delivery. It makes it easy for IP catalog owners to classify and organize data in a hierarchy tailored to their company's business environment and products.

The optional capabilities activated with the Semiconductor Accelerator for Enterprise Project Management Solution include a number of pre-configured design flow templates, which allow companies to initiate new design projects using a consistent process across all design teams and locations. Templates can be used as-is or modified to include a company's best practices. The intended result is design teams working in a consistent, auditable fashion.

The optional capabilities activated with the MatrixOne Semiconductor Accelerator for Design to Manufacturing (D2M) Solution enable preparation of the Integrated Circuit (IC) BOM. It aligns marketing requirements to design outputs and allows for the efficient flow of the right information at the right time across product design, manufacturing, assembly and test.



Automotive Accelerator



Apparel Accelerator



Medical Device Accelerator



SemiConductor Accelerator

ENOVIA MatrixOne 10.7 Configurations

ENOVIA MatrixOne is packaged for easy building of the optimal solution according to usage profiles and process requirements. Predefined configurations provide product sets that target specific tasks, processes or industries.

MatrixOne Application Exchange Framework (AEF) must be part of any ENOVIA MatrixOne solution.

All products are built with the same compatible technology and can be deployed together as part of a single MatrixOne system.

ENOVIA MatrixOne solutions run on IBM DB2 or Oracle.

Configuration Names		Products Names											
		MatrixOne Apparel Accelerator for Design and Development	MatrixOne Design Central	MatrixOne AutoCAD Integration	MatrixOne Application Exchange Framework	MatrixOne Aerospace and Defense Accelerator for Program Management	MatrixOne Automotive Accelerator for Program Management (APQP)	MatrixOne Business Metrics Module	MatrixOne Cadence Allegro Design Entry HDL Integration	MatrixOne Cadence Project Manager Integration	MatrixOne Cadence Allegro PCB Editor Integration	MatrixOne Library Central Classification Module	MatrixOne CATIA V4 Integration
		APR	DEC	AAD	AEF	AER	AUT	BMM	CDH	CDM	CDP	CLA	CT4
AES	MatrixOne Aerospace and Defence Accelerator for Program Management Solution					•							
ARS	MatrixOne Apparel Accelerator for Design and Development Solution	•											
AUS	MatrixOne Automotive Accelerator for Program Management (APQP) Solution						•						
DAD	MatrixOne Designer Central for AutoCAD		•	•									
DC4	MatrixOne Designer Central for CATIA V4		•										•
DC5	MatrixOne Designer Central for CATIA V5		•										
DCH	MatrixOne Designer Central for Cadence Allegro Design Entry HDL		•						•				
DCP	MatrixOne Designer Central for Cadence Allegro PCB Editor		•							•	•		
DIV	MatrixOne Designer Central for Inventor		•										
DMD	MatrixOne Designer Central for Mentor Graphics Design Manager		•										
DMS	MatrixOne Designer Central for Microstation		•										
DPI	MatrixOne Designer Central for Pro/I		•										
DPO	MatrixOne Designer Central for Pro/E		•										
DSG	MatrixOne Designer Central for SolidEdge		•										
DSW	MatrixOne Designer Central for SolidWorks		•										
DUG	MatrixOne Designer Central for Unigraphics		•										
DVB	MatrixOne Designer Central for Expedition (VeriBest)		•										
DZD	MatrixOne Designer Central for Zuken Board Designer		•										
DZP	MatrixOne Designer Central for Zuken Board Producer		•										
DZS	MatrixOne Designer Central for Zuken System Designer		•										
GCS	MatrixOne Global Supplier Collaboration Solution												
GSS	MatrixOne Global Sourcing Solution												
MRS	MatrixOne Medical Device Accelerator for Regulatory Compliance Solution							•					
SDS	MatrixOne Semiconductor Accelerator for Design to Manufacturing Solution												
SIS	MatrixOne Semiconductor Accelerator for IP Management Solution											•	
SPS	MatrixOne Semiconductor Accelerator for Enterprise Project Management Solution												
STS	MatrixOne Semiconductor Accelerator for Team Collaboration Solution												
VPG	MatrixOne VPLM Program Management Solution												
VXS	MatrixOne VPLM Enterprise X-BOM Management Solution												

Products Names

Products Names	CT5	ENG	INV	LIB	MCR	MED	MGM	MSF	PLF	PRD	PRG	PRI	PRO	SCD	SLE	SLW	SRC	SUP	TEA	UGR	VEB	VPR	VXB	ZBD	ZBP	ZSD	
MatrixOne CATIA V5 Integration																											
MatrixOne Engineering Central																											
MatrixOne Inventor Integration																											
MatrixOne Library Central																											
MatrixOne Microstation Integration																											
MatrixOne Medical Device Accelerator for Regulatory Compliance																											
MatrixOne Mentor Graphics Design Manager Integration																											
MatrixOne Microsoft Desktop Integration																											
MatrixOne Platform																											
MatrixOne Product Central																											
MatrixOne Program Central																											
MatrixOne Pro/I Integration																											
MatrixOne Pro/E Integration																											
MatrixOne Semiconductor Accelerator																											
MatrixOne Solid Edge Integration																											
MatrixOne SolidWorks Integration																											
MatrixOne Sourcing Central																											
MatrixOne Supplier Central																											
MatrixOne Team Central																											
MatrixOne Unigraphics Integration																											
MatrixOne Expedition (VeriBest) Integration																											
MatrixOne VPLM Program Management Integration																											
MatrixOne VPLM Enterprise X-BOM Management Integration																											
MatrixOne Zuken Board Designer Integration																											
MatrixOne Zuken Board Producer Integration																											
MatrixOne Zuken System Designer Integration																											

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