

MatrixOne Designer Central™

Most companies today rely on global product development teams to drive high-quality products to market faster, and at a lower cost, than ever before. To achieve this with limited resources, companies need to tightly align the design-related activities between development teams, suppliers, and customers. But such resource alignment is elusive for most companies, because they cannot overcome the complexity of coordinating multiple design centers, with multiple design applications, across an extended enterprise. Such coordination is critical to the product development process. Without having a way to manage design globally as one business process, errors occur frequently as product development team members are unable to recognize the impact of design changes and are unable to see where a design is in process—until it is too late.

The MatrixOne Designer Central™ Application enables designers around the world to manage and collaborate from one application, no matter what design tools they are using. Designer Central eliminates the need for multiple CAD work group managers and the cost associated with supporting each related data manager. Through its unique and open architecture, the 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 expected performance. Product designs can be synchronized to the parts in the Engineering Bill-of-Materials, so that the overall product development process stays coordinated.

Collaboration is essential to making a new, changed, or revised product design correctly the first time. Designer Central provides 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.

Business Process Application

Worldwide Design Management and Collaboration with MatrixOne Designer Central

With MatrixOne Designer Central, you can:

- Provide work-in-process data management across all popular mechanical and electrical design tools
- Visually collaborate around the design information or other information related to the design
- Schedule meetings for review at any step in the development process
- Securely provide design information to suppliers and customers
- Create private and public workspaces for organizing and sharing designs
- Manage local workspaces in the context of the PLM system
- Upload complex, multi-tiered, design hierarchies into Matrix
- Recursively check out complex, multi-tiered, designs into the CAD tool or onto disk
- Apply full revision and version control to all design models
- Alert users with design change notifications to their current work
- Create ad-hoc routes for asynchronous review of design content
- Capture discussion threads containing design suggestions and improvements

ENOVIA MatrixOne PLM Environment



Collaboration and Management for Design

Designer Central provides a comprehensive environment for day-to-day design management. Additionally, Designer Central has an in-depth collaboration capability, which allows designers to work with team members around the world.

Features and Capabilities

Create and manage design data workspaces from the CAD

tool Designer Central allows users to create workspaces for project teams or for simple, ad hoc collaboration. From the native design application, designers can easily access data that is vaulted in the highly scalable Matrix PLM platform. Users can create folders within each workspace with access privileges for secure content sharing with other team members. Local workspace management on the users' desktop allows users to easily compare their work-in-progress to the master designs in Matrix. Operations such as "delete," "move" and "copy" are part of the local workspace management feature set.

Quick access to most-recently used design data Designer Central keeps track of design activity and enables users to create collections for short-term storage of designs that will be used again. Thus, with Designer Central, the need to search is greatly reduced.

Notification Rapid review of change ideas is key to faster design throughput. Users of Designer Central have the ability to subscribe to a design and set events for notification. When any user changes a design in a work-in-process environment, all users that have subscribed to that design are automatically notified of the change, reducing last minute mistakes.

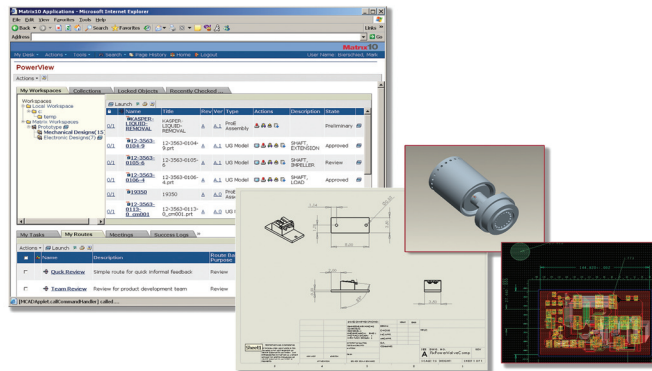
Optimized for WAN usage Designer Central is designed to work with very large design sets by distributing metadata and files across the WAN. This results in higher rates of user adoption and acceptance.

Meeting capabilities Designer Central's online meeting capability enables design teams to review and collaborate on design data in real time. Discussion threads and markups are captured as part of the meeting and can be referenced at any time in the future.

Workflow Designer Central's workflow (or route) capabilities enable a designer to obtain feedback when an online meeting is not possible. Routes can be defined with serial or parallel tasks for review and/or approval of design content.

Visualization Having the ability to work on designs independent of the authoring tools improves communication and reduces the likelihood of late changes in the design process. Designer Central includes a web-based visualization component for both 2D/3D designs and documents. Data can be read natively with no translation, or for larger data sets, can be sent to a background process for translation in anticipation of future use. No files are downloaded to the client side, ensuring a secure work environment.

Supported design applications Designer Central supports all the leading design applications; Pro/ENGINEER, Pro/Intralink, Unigraphics NX, Catia V4 & V5, SolidEdge, SolidWorks, Inventor, AutoCAD and Microstation



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 MatrixOne 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.



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