



## **ENOVIA Aerospace and Defense Accelerator for Program Experience**

### **Product Objective**

Successful execution of an aerospace and defense (A&D) program means managing volumes of information to meet all contractual obligations efficiently. Programs succeed or fail on their ability to communicate very reliably with all the team members over long periods of time. ENOVIA® Aerospace and Defense Accelerator™ for Program Experience improves project results by enabling project members to communicate real time status of assigned project activities effectively and collaborate with other project members located throughout the extended enterprise.

### **Product Overview**

Performance-to-contract is greatly improved when all contract requirements are visible to the entire team. Using one system to bring together the core processes of these functional disciplines provides the ability to improve overall performance of program execution and delivery-to-contract. ENOVIA Aerospace and Defense Accelerator for Program Experience allows project members to:

- Collaborate on task deliverables with real time reporting on actual status for assigned project tasks along with easily tracking critical tasks
- Mitigate and report status on assigned project risks
- Capture and execute ad-hoc project risks
- Conduct independent project audits to highlight project status and processes being executed
- Submit and approve specifications for configuration items

### **Product Highlights**

ENOVIA Aerospace and Defense Accelerator for Program Experience key features and capabilities include:

#### **Manage Task Assignments**

Program team members are provided with a consolidated list of their schedule tasks from all their assigned projects. Project members can filter their tasks based on completion status. All critical tasks are highlighted in red font for easy visibility. Task assignees can further define subtasks within the constraints of the planned start and end dates defined by the summary task. In order to communicate status, project members can update task percentage completion and enter applied effort. Special tasks called "submittals" distinguish contractual program activities to deliver data to customers or for the suppliers on the team, their data deliveries to the program.

#### **Task Deliverables**

As tasks are assigned and being worked, task deliverables should be associated and managed in the context of the task. Team members have access to an extensive list of typical aerospace document types to clearly distinguish the kinds of deliverable being developed. As deliverables progress through their lifecycle, the system updates task status automatically. This status is communicated to many levels of management whenever they utilize the roll-up reporting features of ENOVIA Aerospace and Defense Accelerator for Program Management, relieving team members of much of their status-reporting overhead. After tasks are completed, the deliverables can also be linked and categorized into project folders for access control and increased visibility. To keep task deliverables on schedule, program members receive automatic reminders of upcoming or late tasks via company email.

### **Key Customer Benefits**

- Find all critical program information and submit and manage all deliverables in one central place reducing their non-value-add time
- Substantially reduce the effort of status reporting
- Always obtain the latest iteration of others' work products
- Comply with PLM work procedures without leaving the familiar Microsoft Windows environment
- Improve collaboration and decision-making by leveraging latest program and product data
- Better communicate task complexity, risk and status to management by itemizing activities in assigned tasks

## VPM Project Management

For companies using either ENOVIA® VPM® V5 or ENOVIA® VPM® Central V6, it is possible to complete design activity with the project. In V6, ENOVIA Aerospace and Defense Accelerator for Program Experience and ENOVIA® VPM® Central™ both run on the same technology platform. Therefore, users can search for and associate VPM data easily as deliverables to assigned project tasks. For ENOVIA VPM V5, ENOVIA Aerospace and Defense Accelerator for Program Experience synchronizes project tasks to VPM actions. These triggered VPM V5 actions include required input for a designer to do his/her job. Output from the VPM actions is available instantaneously on the corresponding project tasks. As the VPM design data matures, its status changes automatically to update the project task status.

**Mass update task status such as % complete, actual date completion. Status updates are reflected in Project Schedule**

**Toggle between active and completed tasks**

Name	State	% Complete	Start Date	Est Start Date	Estimated Finish Date	Act. Finish	Project	Program
Perform Market Research	Assign	0.0	0	Jan 4, 2008	Jan 9, 2008		V-5000 Automobile Safety System	
Notes of the Customer	Assign	0.0	0	Jan 4, 2008	Jan 15, 2008		V-5000 Automobile Safety System	
Identify Customer Needs	Assign	0.0	0	Jan 4, 2008	Jan 15, 2008		V-5000 Automobile Safety System	
Business Plan / Market Strategy	Assign	0.0	0	Jan 4, 2008	Jan 15, 2008		V-5000 Automobile Safety System	
Contract and Process Benchmarks	Assign	0.0	0	Jan 4, 2008	Oct 9, 2008		V-5000 Automobile Safety System	

**Personalized list of assigned Schedule Tasks with hyperlinks to navigate to additional task information. All outstanding critical tasks displayed in red font**

**Hyperlinked project name to which the task belongs**

## Program Content

All program content and deliverables are managed securely and stored within folder and subfolder structures. Security is established on a per project basis within the program with a project owner and/or project leads determining individual access rights with ENOVIA® Aerospace and Defense Accelerator™ for Program Management. Within a project, each folder and file maintains additional levels of security. Team members can establish a single environment where all project information — not just documents — can be managed and shared. Members can subscribe to document events to become immediately informed as changes and additions occur. Reports can be executed to provide a consolidated list of project-related content from either the schedule structure or from the folder structure.

## Team Collaboration

Program members can create ad-hoc routes or workflows to circulate tasks, projects and files for further work and/or approvals and conduct online discussions regarding a project or task. All team members can subscribe, view, and comment on the original discussion topic or any of the subsequent responses.

## Issue / Risk Management

Issues are real incidents, inquiries, or problems that are impacting a program negatively, and risks are anything that has the potential to impact a program negatively. Issue management provides a context for capturing, tracking, and closing Issues in the context of a project. Issues are identified, captured, classified, and

assigned to project members for resolution. Risk management enables program teams to identify, quantify, analyze, and mitigate program risks. During the analysis process, risks need to be assessed and quantified in two dimensions. These two dimensions are impact and probability, with ranges from 1-5. These dimension values are used to determine each risk priority and clarify which program risks need mitigation to help minimize the potential negative impact. Team members can be assigned tasks from special risk-mitigation sub-projects.

**Individual submittals are created as separate tasks, scheduled automatically and assigned for completion and tracking**

ID	Comment	Submitted	Submitted Date	Review Period	Due Date	Submitted Date	Due Status
AB03	ATP - All Data Submittal - Reviewing - 27th day of month			6/1/2008	30/5/2008		Unassigned
AB03	ATP - All Data Submittal - Reviewing - 27th day of month			6/1/2008	30/5/2008		Unassigned
AB03	ATP - All Data Submittal - Reviewing - 27th day of month			6/1/2008	30/5/2008		Unassigned
AB03	ATP - All Data Submittal - Reviewing - 27th day of month			6/1/2008	30/5/2008		Unassigned
AB03	ATP - All Data Submittal - Reviewing - 27th day of month			6/1/2008	30/5/2008		Unassigned
AB03	ATP - All Data Submittal - Reviewing - 27th day of month			6/1/2008	30/5/2008		Unassigned
AB03	ATP - All Data Submittal - Reviewing - 27th day of month			6/1/2008	30/5/2008		Unassigned
AB03	ATP - All Data Submittal - Reviewing - 27th day of month			6/1/2008	30/5/2008		Unassigned

## Access PLM Data with Microsoft Applications

With ENOVIA Aerospace and Defense Accelerator for Program Experience, users create and access Product Lifecycle Management (PLM) data from the most popular Microsoft applications. This enables enterprise-level collaboration while not disrupting the established productivity of end users. Users can access all files in the ENOVIA system as if they have been saved locally on their PC's hard drive. ENOVIA business objects such as programs, projects, contracts, correspondence folders, submittals, tasks and other artifacts are represented as directories and files on the user's PC, which enables easy saving and retrieval of files regardless of their format (CAD, PDF, MS Office, etc.). Using Windows Explorer, it is possible to store files easily in ENOVIA using popular Windows functions such as "cut and paste" and "drag and drop." Through the Microsoft Office tools (Word®, Excel®, PowerPoint®, Outlook®), users can easily save, browse and navigate product content with standard "Open," "Insert," "Save," and "Save As" dialogs to perform PLM actions such as search, document lock/unlock, file check in/checkout, delete, version, and revise.

In addition, the following is possible also:

- Comply with company standards using document templates stored in ENOVIA and accessed with Microsoft Office applications
- Access data from ENOVIA that has been populated automatically into MS Word tables
- Search the ENOVIA database to find product information
- Subscribe to document modification events
- Route documents for review, comment and approval
- Record key decisions and customer correspondence with saved email threads

## The Role of ENOVIA V6 and PLM 2.0

ENOVIA Aerospace and Defense Accelerator for Program Experience supports PLM 2.0, product lifecycle management online for everyone, and the ENOVIA V6 values: global collaboration innovation, single PLM platform for intellectual property (IP) management, online creation and collaboration, ready to use PLM business processes, and lower cost of ownership.

### About ENOVIA

ENOVIA is the recognized leader in delivering collaborative PLM solutions. We enable companies from a broad range of industries to dramatically accelerate innovation, time-to-market and revenue generation by collaboratively developing, building and managing products. Our solutions facilitate the sharing of concepts, content and context across product lifecycles and throughout value chains of employees, customers, suppliers and partners.

ENOVIA collaborative PLM solutions help global enterprises bring together people, processes, content and systems to achieve a compelling competitive advantage. Our interoperable solutions unify and streamline processes across the product lifecycle, enabling companies to easily and cost-effectively work on projects within and outside of their enterprises. Our adaptable, scalable technology is built to accommodate the ever-changing marketplace.

### About Dassault Systèmes

As world leader in 3D and Product Lifecycle Management (PLM) solutions, the Dassault Systèmes group brings value to more than 90,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes develops and markets PLM application software and services that support industrial processes and provide a 3D vision of the entire life cycle of products from conception to maintenance. Our offering includes integrated PLM solutions for product development (CATIA®, DELMIA®, ENOVIA®, SMARTEAM®), mainstream product 3D design tools (SolidWorks®), 3D components (Spatial/ACIS®) and SIMULIA®, DS' open scientific platform for realistic simulation. Dassault Systèmes is listed on the Euronext Paris (#13065, DSY.PA) stock exchange. For more information, visit [3ds.com](http://3ds.com).



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