

PROGRAM

ENOVIA Program Central



ENOVIA® Program Central™ enables program and project managers to create a competitive advantage by delivering products from concept to market faster. Organizations can concentrate critical resources on the most profitable products while standardizing on best in class business processes across the extended enterprise.

Key Benefits

- Provide real-time access to project pipelines for rapid analysis and decision making
- Expose resource bottlenecks in real-time with enhanced management visibility
- Increase resource utilization and reduce conflicts between project managers and functional group managers
- Drive a phased-base decision making process using best-in-class process templates with predefined phases, gates and milestones
- Improve execution and oversight of complex product development activities by decomposing projects into smaller manageable projects with visibility to sub-project dependencies
- Facilitate access to processes and data within a secure environment
- Coordinate and collaborate on the planning and execution of projects in real-time

Product Overview

ENOVIA Program Central's advanced resource planning, flexibility and templates makes it possible for a company to automate resource planning activities and, institutionalize its best practices for various project types easily. Its collaborative project management capabilities dramatically increase the productivity of globally distributed users by executing projects and programs with real-time information that updates automatically through direct links to tasks, documents, deliverables, and other data sources. These automatic updates allow the project manager to focus on high value activities rather than tracking down status.

With ENOVIA Program Central, companies can provide global teams with the accurate, real-time information they need to keep projects on track and respond to ever-shrinking product lifecycles. Through project pipeline dashboards, ENOVIA Program Central provides management with real-time visibility into a project's status in terms of overall schedule, phases, gates, resources, costs and benefits. Ultimately, this allows for better decision making when analyzing which projects offer the highest potential return on investment.

Product Highlights

Business Goals

Managers can define a business goal hierarchy to help identify which projects to approve and fund based on how they impact strategy.

Advanced Resource Management

ENOVIA Program Central enables companies to optimize global resource staffing plans for strategic projects and reduce cycle times by implementing best-in-class business processes.

Project managers can define project resource plans by project phases or over a project time-line in either weekly or monthly intervals. Plans are submitted to functional group managers for fulfillment. During the resource planning definition process, a project leader can define the estimated resource costs. Each submitted resource request identifies the business skills to ensure that the right people are assigned to the project resource request.

Functional group managers have real-time visibility to all submitted requests in order to assign available people within their organization or to even reject a request. Functional managers can also leverage a number of resource planning reports to help increase resource utilization, eliminate bottlenecks and improve resource assignment decisions.

Project Dashboards

Management can leverage dashboards that provide a graphical view of the project schedule of phases, gates, and milestones, and a roll up of risks, quality, assessments, issues, costs and benefits. More detailed information can be easily navigated from the dashboard summary.

Project Templates

Project managers can develop process standards and enhance predictability by driving repetitive project execution throughout the organization. The project template consists of a work breakdown structure defined with phases, gates, milestones, and tasks with dependencies and responsible roles. Project templates can also include folder structures for storing content, questionnaires, document templates, project budgets, resource plans, and bookmarks.

Work Breakdown Structure

Program managers can decompose complex product development activities into smaller manageable subprojects. Project leaders can then define schedules to organize global project teams into phase-gate activities that take into consideration assigned project members' roles and non-working days.

ENOVIA Program Central supports all phases of development, including the ideation phase in which organizations evaluate the likely value and feasibility of all potential new projects. Once each concept is approved, it is updated to a formal project and can be planned in detail. ENOVIA Program Central provides bi-directional integration to Microsoft Project for project managers that prefer using a Microsoft Project user interface for editing schedule information.

Phase Gate Management

Project leaders can manage a company's processes with a phase gate review process, which includes criteria for making decisions to fund or not fund a project. For historical traceability purposes, the project leader can schedule the gate review meeting date and capture the gate meeting details such as list of attendees, topics and artifacts, and final decisions.

Task Deliverables

As tasks are assigned and being worked, task deliverables should be associated and managed in the context of the task. As a deliverable is promoted through its lifecycle, the system automatically updates the task status. After the tasks are completed, project folders store and categorize the deliverables for access controls and increased visibility. To keep task deliverables on schedule, project leaders can configure automatic reminders of upcoming or late tasks that project members will receive in their company email.

VPM Project Management

For companies using ENOVIA® VPM Central™, it is possible to monitor design activity and navigate all project information from CATIA® using ENOVIA Program Central. This allows access to outputs from design on the corresponding project tasks. In V6, ENOVIA Program Central and ENOVIA VPM Central both run on the same technology platform. Therefore, users can search for and associate VPM data as deliverables to assigned project tasks easily. VPM tasks can be created as part of the ENOVIA Program Central Work Breakdown Structure (WBS) and are accessible immediately to the designer within his design environment.

Product Line Management

ENOVIA Program Central organizes and manages a company's product portfolio and executes development projects related to the planning and introduction of future products. Product lines and model hierarchies organize a company's family of products. Model hierarchies represent specific products available to customers. Product managers can associate product releases with development projects and organize them into portfolios. A portfolio provides visibility into a product line's road map, product release dependencies and a real time status of strategic project milestones to share with other organizations.

Schedule Product Builds

Prototype and production builds represent key milestones of the product development process. Multiple builds can be identified and planned for a particular product, and then their completion can be tracked through the project schedule.

Project Content

All project content and deliverables are managed and stored securely within controlled and uncontrolled folder and subfolder structures. Security is established on a per-project basis. Project owners and project leads determine individual access rights. Within a project, each folder and file maintains additional levels of security.

Lifecycle controls establish folder content baselines as a means of measuring project performance and historical references. Team members can establish a single environment for managing and sharing all project information —not just documents. By subscribing to folder and document events, members can become informed immediately as changes and additions occur. Reports provide a consolidated list of project-related content from either the work breakdown structure or from the folder structure.

Project Financials

Project leaders can define a financial plan for each project. The financial plan includes the project budget and project benefit. The project includes project capital and expense categories and items along with actual costs. The project leader can also define the financial benefits the project will deliver over a defined time line. Project leaders have the ability to toggle between multiple monetary currencies.

Team Collaboration

A project manager can institute standard reviews for project members using routes or workflows to circulate tasks, projects, and files. The entire project team can be kept informed of important project information with online discussions. 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 impact a project negatively, and risks are anything that can potentially impact a project 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 project teams to identify, quantify, analyze and mitigate project 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 help minimize these potential negative impacts by determining each risk priority and clarifying which project risks need mitigation.

Critical To Quality (CTQ)

To ensure that projects meet customer requirements, project teams can define and measure a project's CTQs. These are the key measurable characteristics in which performance standards or specification limits of a product or process must be met in order to satisfy the customer needs.

Project Meeting Traceability

Project or program managers can capture meeting details to maintain artifacts for historical references. Managers can define meetings, and track who was invited and who actually attended. Agenda topics can be added to meetings with time durations allocated for each topic and associated document attachments for discussion. Issues that need further follow up and recorded decisions are stored as an outcome of the meeting.

Weekly Time Tracking

Project users can enter hours worked on a project or a task during the week, and submit them to either the functional manager or project manager for approval or rejection. ENOVIA Program Central provides time reports by project phase or by project member to track worked hours for assigned tasks. By capturing a user's time throughout the week in a time sheet, the project manager has accurate status information, can project future progress, identify potential risks, and take the necessary actions to readjust the schedule or resources.

My Calendar

My Calendar helps users to manage their assignments by providing a consolidated view of Project WBS Tasks, Risks, Issues, Meetings and Route Tasks. The user assignments can be visualized in daily, weekly and monthly views based on task due date and start date. From these views the users can directly access to assignment properties through right mouse buttons and work on their tasks.

The Role of ENOVIA V6 and PLM 2.0

ENOVIA Program Central 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.



Delivering Best-in-Class Products



Virtual Product



Information Intelligence



3D Design



Virtual Planet



Realistic Simulation



Dashboard Intelligence



Digital Manufacturing



Social Innovation



Collaborative Innovation



3D Communication

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