



Product Lifecycle Management Services

Product Lifecycle Management (PLM) is a suite of applications and services that enables companies to design, build, and maintain products while reducing cost, increasing quality, shortening development cycles. Companies have a driving need to improve design processes and increase product innovation in order to increase product quality, reduce product development costs and increase market share. IBM's decades of experience implementing PLM environments, coupled with IBM Global Services' breadth of skills allows IBM to provide the most comprehensive package of expertise for a client's PLM project. The PLM Services team can facilitate a client's exploitation of their PLM Software environment to improve their product design processes and product innovation capability. .

PLM Services capabilities include end-to-end CATIA, ENOVIA and SmarTeam application consulting and implementation capabilities, as well as business process consulting for the product development area. PLM Services also has relationships with MatrixOne and SAP and provides implementation services for MatrixOne's eMatrix product and SAP's mySAP PLM product. Along with software implementation skills the team can provide business and IT consulting, industry design best practices, managed operations capabilities, support and training.

The team has manufacturing and engineering expertise that includes: CAD methods, engineering design, engineering analysis, integrated product development, manufacturing design, piping, tubing, cable, and electrical design, document management, configuration management, engineering change management, virtual product development and design, product data management, BOM management and assembly management. PLM Services not only ensures a successful implementation of a company's PLM environment, but provides extensive knowledge transfer enabling user best practices to enable the organization to reap the most rewards from their PLM project.

Industry experts, available in aerospace and defense, automotive, electronics, discrete manufacturing, consumer products and ship building, have decades of experience implementing PLM environments in their specific industries. PLM Services has approximately 325 consultants, project managers, product specialists and architects spread across the world who are focused specifically on PLM. In addition, these PLM experts can call upon the rest of IBM Global Services' approximately 150,000 professionals, providing a unique combination in the industry

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of in-depth PLM skills combined with the extensive breadth of IBM Global Services' capabilities.

OFFERINGS

IBM Product Lifecycle Management (PLM) Services provide standard, packaged services offerings which are available for CATIA, ENOVIA, SmartTeam, MatrixOne and SAP PLM products across the entire IT lifecycle. The families of PLM Services Offerings include: Consulting, Education and Training, Development, Implementation, Support and Managed Operations. Because the offerings have been utilized around the world, IBM consultants are able to bring the knowledge and expertise gained from the global team's experience to your company. Details on the PLM Services Offerings for the CATIA and ENOVIA products can be found on the [Product Lifecycle Management Services page](#)

The PLM Services Offerings include the following:

Implementation for CATIA V5 - Implementation for CATIA V5 is specifically designed to move an enterprise smoothly and successfully from CATIA V4 or other CAD systems to CATIA V5 via a flexible path that can be customized to the enterprise's needs. Included in the offering are assessment, solution design, planning, installation, data migration, custom application development, best-practices consulting, user and administrative training, support and project management.

Implementation for eMatrix - The Implementation for eMatrix offering includes eMatrix planning, installation, data migration, custom application development, best-practices consulting, user and administrative training, support and project management, with an emphasis on integration of eMatrix with other existing business applications.

Virtual Product Innovation Assessment and Roadmap - The VPI assessment provides a detailed comparison of an enterprise's implementation of Virtual Product Innovation. The enterprise's performance is judged against others in the industry to indicate areas of needed improvement. With this information, IT executives can know where to spend necessary dollars in order to survive competitive threats, increase responsiveness, take advantage of new opportunities and make steps toward becoming a leader in your industry.

The VPI Roadmap is the next step for a company after a VPI assessment has been completed. The roadmap represents an improvement strategy to move a company from one maturity level to the next. A rigorous cost-benefit analysis and analysis of business capabilities are linked to the company's product planers, costs, benefits, level of transformation enablers and the difficulty of the change. This action plan provides critical assistance in deciding the most effective way to implement VPI in your company.

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Implementation for ENOVIA V5 LCA - Implementation for ENOVIA V5 LCA services offering component includes assessment, solution design, planning, installation, data migration, custom application development, best-practices consulting, user and administrative training, support and project management.

Application Management Faced with ever-growing information technology (IT) environments and limited time and resources to maintain them, manufacturing are outsourcing support processes so they can focus on key business initiatives. The challenge is to reduce operating costs while equipping product development departments with the latest design and data management tools. IBM Product Lifecycle Management (PLM) Services - for application management enables you to focus on critical product design and development processes while helping you to reduce IT costs and complexity. PLM Services now supports full range of applications required for product lifecycle management, such as computer-aided design, computer-aided manufacturing, computer-aided engineering and product data management applications..

CAD Data Exchange - Although multiple-system, computer-aided design (CAD) environments are commonplace in today's manufacturing environment, CAD data exchange standards are not always consistent. Basic technological differences between systems can complicate model translation during data exchange, causing costly inaccuracies. IBM Product Lifecycle Management (PLM) Services provides CAD data exchange to help make data exchange between CAD systems as simple and painless as possible. We offer the hardware and software skills and expertise to help conduct efficient data translations, avoid data exchange problems and trim costs.

Enhanced Support - Whether a client wants to call in a critical defect, ask a simple or complex usage question, or browse the latest benchmark information about a planned CATIA, ENOVIA or SmarTeam environment, IBM Product Lifecycle Management (PLM) Services can provide the information they need. PLM Services delivers defect and non-defect support for the CATIA, ENOVIA and SmarTeam products. The enhanced support option, available on an annual contract basis, can provide comprehensive voice and Internet support that goes above and beyond normal warranty service.

Headstart for ENOVIA VPM -IBM Product Lifecycle Management (PLM) Services offers Headstart for ENOVIA VPM (virtual product management) to help blend virtual product management technology into a company's existing information technology infrastructure without disrupting the production processes. We combine leading VPM software with world-class services expertise to deliver defined results, in a specific time frame, right out of the box. Headstart for ENOVIA VPM also features a modular structure, which allows a client to select the elements of the project they need when they need them.

Implementation for mySAP PLM - A close partnership with SAP, combined with decades of experience implementing engineering systems, have given the people of IBM Global Services the IT skills, project

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management experience and industry knowledge to conduct smooth mySAP implementations. The Implementation for mySAP PLM offering includes mySAP PLM planning, installation, data migration, custom application development, best-practices consulting, user and administrative training, support and project management, with an emphasis on integration of the SAP environment with the PLM environment.

Implementation for SmarTeam - Implementation for SmarTeam will provide a rapid implementation of a basic SmarTeam environment including software installation, training, configuration, loading of customer data, and a workshop to define the follow-on activities. This offering would be for a customer who as already had performed an assessment and selected a solution and is looking to get a SmarTeam configuration up and running, quickly and effectively. The SmarTeam software configuration that would be implemented would typically consist of SmarTeam and SmartFlow modules.