PROSTEP | BHC

WE INTEGRATE **YOUR**
PLM AND ALM WORLDS

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The PROSTEP Group is the leading vendor-independent expert for product lifecycle management (PLM) and application lifecycle management (ALM). We help manufacturing companies in a wide range of industries, including the automotive industry, aviation and aerospace, mechanical and plant engineering, ensure end-to-end digitalization and thus enhance their innovative capabilities and competitiveness.

As a consulting and software company for PLM and ALM, we provide a combination of top-notch services and software solutions. They make it possible for our customers to develop, manufacture and operate highly complex, software-intensive products and systems.

Together with BHC GmbH, a wholly owned PROSTEP subsidiary, we offer our customers PLM strategy consulting services and process optimization, help them select and optimize systems, and provide them with advice on process, method and IT system design in the context of mechatronic and software-driven products. Powerful software solutions for PLM integration, migration and collaboration, secure data exchange and ensuring end-to-end digitalization neatly round off our offering.

OUR CONSULTING SERVICES FOR
YOUR DIGITALIZATION STRATEGY

DESIGNING SUSTAINABLE PLM/ALM ARCHITECTURES
Manufacturers of smart, software-intensive products need open, scalable PLM architectures with integrated ALM systems to support software development. We provide you with advice on how to plan a sustainable overall architecture based on the enterprise architecture management (EAM) approach. Thanks to our many years of experience with PLM for mechatronics and software and the implementation of ALM solutions, we also have the know-how required for PLM/ALM integration.

ENSURING END-TO-END DIGITALIZATION
The digital thread provides the basis for the digital twin and the business models that build on it. We ensure end-to-end digitalization by analyzing the cross-system and cross-domain information flows in your company and working with you to develop an information model that can serve as the basis for integrating your PLM processes.

IMPLEMENTING SMART SYSTEMS ENGINEERING
We work with you to define your roadmap to model-based smart systems engineering. We have extensive experience with the conceptional design and introduction of methods and tools for model-based systems engineering (MBSE) and extensive tool-specific know-how. This means that we can provide you with optimal support from analysis through to the rollout of the selected solution.

OPTIMIZING AND DIGITALIZING PLM PROCESSES
Our consultants help you optimize your PLM processes and thus make more efficient use of your globally distributed resources. We analyze your process landscape, identify potential for improvement and draw up proposals for uniform, enterprise-wide processes. We also provide you with support in the context of digitalizing your processes.

PLM/ALM SYSTEM SELECTION USING TIME-TESTED METHODS
We help you restructure and modernize your PLM/ALM system landscapes. Our capability-based consulting approach means that we are able to offer you time-tested methods for analyzing the PLM capabilities required in the future and selecting the appropriate PLM/ALM solutions and/or functional enhancement of your existing applications.

CONSULTING SERVICES COVERING EVERY ASPECT OF OUR SOFTWARE SOLUTIONS
We use OpenPDM, OpenDXM GlobalX and OpenCLM to develop powerful standard software for data integration, data exchange and collaboration as well as for ensuring end-to-end digitalization.

We also offer you consulting services that cover all aspects of these solutions to ensure their fast implementation, seamless integration and optimal use.

EXPERTISE IN AGILE IT SYSTEM DEVELOPMENT

When it comes to the development of individualized software solutions, we provide you with end-to-end support from the initial concept to agile solution design to implementation all the way through to application management. Our developers and IT experts are well versed in the latest technologies and implement your requirements in a targeted and agile manner.

OUR **OpenSOLUTION PRODUCT FAMILY**

PROSTEP provides customers with support in the context of automating data exchange, integrating PLM, ERP and ALM, migrating and converting data, integrating partners, and optimizing their collaboration processes. The services we offer are based on an extensive range of tried-and-tested software solutions that are being used by numerous customers in the automotive and other industries.

OPENPDM®

INTEGRATING YOUR PLM AND ALM WORLDS

PROSTEP's integration solution OpenPDM provides you with powerful connectors and tried-and-tested mechanisms for migrating and synchronizing PLM and ALM data and processes. The OpenPDM product suite and preconfigured solution packages make it possible to map use cases and integration scenarios with little effort on your part. You can integrate your ERP systems or easily build a bridge to the world of IoT so that you can link your digital product data to the operational data. In addition, OpenPDM SHIP provides you with powerful connectors to shipbuilding-specific CAx systems.
www.openpdm.com

OPENCLM

END-TO-END DIGITALIZATION WHEN DEVELOPING SMART PRODUCTS

OpenCLM is a lightweight and easy-to-configure web application for ensuring end-to-end digitalization and cross-domain traceability in the context of developing smart products. It makes it possible to link data and documents from different source systems instead of replicating them. OpenCLM provides support for process and project management, maturity validation, planning milestones and

deliverables (tasks), generating and managing trace links and configurations, and coordinating cross-domain changes.
www.openclm.prostep.com

OPENDXM® GLOBALX

SECURE DATA EXCHANGE LOCALLY OR CLOUD-BASED

OpenDXM GlobalX is an easy to use, secure, stable and flexible solution for data exchange and managed file transfer (MFT). It allows you to integrate partners worldwide in your development projects, speed up communication, shorten development cycles and nevertheless protect your intellectual property. The solution can be used on premises or from the cloud and makes it possible to exchange data and documents between customers, suppliers and partners – regardless of the data volumes, data sources, systems and formats involved.
www.opendxmglobalx.com

OPENDESC.COM®

CAD INTEGRATION MADE EASY

Our OpenDESC.com service portal saves companies that work with a number of different customers from having to acquire and maintain multiple CAD systems and ensures that their data arrives at its destination on time, in the correct formats and with the desired level of quality. Our experienced experts also offer consultancy and other services covering all aspects of CAD conversion. And they assume responsibility for turning 3D point clouds of systems into intelligent 3D models that can be used for planning maintenance measures or making changes to systems.
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