arena

Arena–XPLM Integration for SOLIDWORKS PDM Professional
Make Design Processes Efficient and Ensure Product Accuracy

XPLM

OVERVIEW

Most product companies share a common struggle—managing and releasing design data from engineering teams to the rest of the company. Painful manual processes contribute to team dissatisfaction and disconnected data silos, resulting in a lack of visibility and collaboration and, ultimately, poorer product decisions. Facilitate better collaboration between your teams and get better products faster with an automated integration between Arena PLM and SOLIDWORKS® PDM Professional. The Arena–XPLM® Integration for SOLIDWORKS PDM Professional provides a seamless, accurate bi-direction flow of information between SOLIDWORKS and Arena for prototype, new product introduction (NPI), and ongoing product development processes.

CONNECT THE MECHANICAL DESIGN PROCESS TO THE FULL PRODUCT RECORD

Collaborating with today's dispersed design teams introduces risk when moving from team-level engineering design to the larger released product record and manufacturing. Design teams utilize SOLIDWORKS work-in-progress (WIP) tools to ensure engineers do not step on each other's toes during early design. Once the individual designs are mature enough, they need to be incorporated into the full product design with other mechanical, electrical, software, and documentation components. With Arena–XPLM Integration for SOLIDWORKS, teams have an automated and easy process that reduces errors and accelerates the NPI process.

BENEFITS

⊘ **Faster Innovation**

- Ensure operations team feedback early in the design process, in support of design for manufacturing (DFM) framework
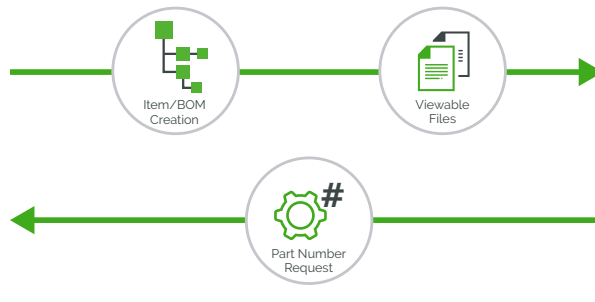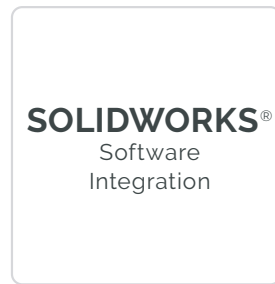- Provide the information necessary for accurate and responsive sourcing

⊘ **Process Simplification and Standardization**

- Reduce onboarding and training time by removing the need to learn how to duplicate same or similar tasks in multiple systems
- Support business needs with configuration options for publishing part data based on design scenarios
- Maintain a consistent and controlled complete product record for the entire organization and supply chain

⊘ **Reduced Product Delays and Costs**

- Eliminate the risks of data entry errors
- Ensure everyone is working from the same, most current product record and associated files

ptc

SOLIDWORKS PDM PROFESSIONAL

SOLIDWORKS® Software Integration

Item/BOM Creation

Viewable Files

Part Number Request

ARENA PLM

arena

HOW IT WORKS

The Arena–XPLM Integration for SOLIDWORKS provides design teams with the ability to create and publish parts, BOMs, and files from within SOLIDWORKS PDM Professional (PDMP) to Arena.

SOLIDWORKS PDM users publish the engineering BOM and configurable file types such as PDF, STEP, or CAD data to Arena. All integration activities can be accessed in SOLIDWORKS PDMP using the workflow, tasks, menus, and data cards.

User Interface in SOLIDWORKS PDM Professional

- Publish action triggered by any SOLIDWORKS PDMP event
- On-demand publish from menu option
- Open the part in Arena from SOLIDWORKS Arena data card

Publish Items and BOMs

- Publish a new part and BOMs from SOLIDWORKS PDMP to Arena
- Support of SOLIDWORKS PDMP configurations

Publish Files

- Publish derived files (MS Office, PDF, STEP, other configurable file types) from SOLIDWORKS PDMP to Arena, associating these file(s) to related parts in Arena

GETTING STARTED

It doesn't matter where you are in your journey with Arena and SOLIDWORKS—you can implement the integration at any time. It is easy to install and configure to support your existing processes. XPLM, an Arena and SOLIDWORKS partner, provides the integration, installation, and configuration assistance, and customization services as needed along with on-going product upgrade support for future SOLIDWORKS PDMP versions. Contact Arena or XPLM today to learn more.

ABOUT ARENA

Arena, a PTC Business, helps companies create innovative products that change the world. Arena unifies product lifecycle management (PLM) and quality management system (QMS) processes, allowing every participant throughout product development and commercialization to work together fast and effectively. With Arena, dispersed teams accelerate the design and delivery of quality products. For more information, visit Arena, a PTC Business.

ABOUT XPLM

XPLM is an independent German IT service provider and system integrator in the PLM sector. XPLM develops integration solutions between leading PLM, MCAD, ECAD, SysML, ERP, DMU, Publishing, MS Office, and data exchange applications for an efficient, repeatable, and error-free product development process. For more information, visit XPLM.com

ptc