XPLM Integration Platform – the efficient connection between SOLIDWORKS and Oracle Agile PLM

Optimize your development process with the centralized creation and management of BOMs and product-related design data.

THE CHALLENGES

The needs for consistent information flows and processes, and to be able to launch innovative and high-quality products, are just some of the challenges companies face when trying to manage the efficient collaboration of design teams across various locations.

Coupled with the new challenges created for businesses by „digital transformation" and the prevalence of Industry 4.0 and IoT, firms are increasingly searching for a solution to facilitate cross-disciplinary cooperation in their production of complex products.

THE SOLUTION

The XPLM Integration Platform provides efficient and robust PLM integrations for market-leading MCAD applications. The solution is a prerequisite for supporting efficient engineering processes and enhances the collaborative performance across your organization.

While increasing the opportunity for design innovations, data structures in both MCAD and PLM are integrated. The ability of bidirectional exchange of CAD documents, Bill of Materials, parts, classification and item status is ensured. Early review and collaboration on parts, sub-system and overall product design enables design optimization from every perspective.

The XPLM Integration Platform is fully customizable, easing the challenges of installation and reducing the total cost of ownership and maintenance costs.

Oracle Agile PLM

XPLM.

SOLIDWORKS

Functionalities

- Design data management
- Supported change management
- BOM and configuration Management
- Bidirectional data and structure exchange
- Batch controlled file conversion and bulk file modification
- COM and script support for flexible adaption

MAIN FUNCTIONS

XPLM Integration Platform manages MCAD documents and files, Material Master and Bill of Materials as well as change and release handling by using standardized functionalities:

- Document and File Management
- Management of complex MCAD Structures
- Support of all relevant MCAD objects
- Create and Update of Part Items and BOM
- Workflow and Release Management
- Check-in and check-out from MCAD
- Automatic rename to unique file names
- Take and Release Ownership
- Management of multiple revisions
- Save preview before final saving
- Search and load from MCAD or PLM
- Bidirectional exchange of properties
- Update PLM-Attributes from MCAD
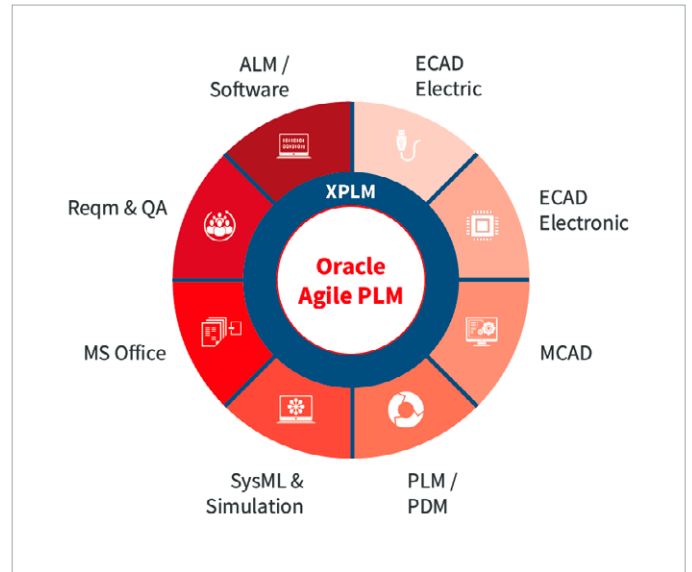- File conversion (e.g. viewables)

XPLM ARAS INNOVATOR INTEGRATION PORTFOLIO

AVAILABLE INTEGRATIONS

MCAD	
AutoCAD	Bentley Microstation*
Catia V5 / V6	Onshape*
Creo Direct Modeling	Autodesk Revit
Creo Paramentric	Solid Edge
Inventor	Siemens NX
Medusa*	SOLIDWORKS
ME10*	

*on request

KEY BENEFITS

- Interact with the PLM system directly from your MCAD application
- Avoid redundancies by using only one source system
- Save time and eliminate sources of error through automated data exchange processes
- Use standardzied XPLM Integration Platform functions and add customer-specific processes at any time
- Benefit from easy extensibility in data and processes
- Achieve complete traceability through your product development process with the XPLM Integration Platform more quickly
- Avoid manual processes

Due to SOLIDWORKS licensing conditions, XPLM only offers this integration as a custom project. XPLM offers cross-domain integration solutions for PLM, MCAD, ECAD, SysML, ERP, Office, Requirements Management and ALM/ software tools. For more information please contact **marketing@xplm.com**.

ABOUT XPLM

XPLM is a globally operating PLM solution provider specializing in integrating applications, processes, data and information for optimum cross-domain collaboration between engineers. With its unique portfolio, XPLM integrates leading PLM, MCAD, ECAD, SysML, ERP, Office, Requirements Management and ALM/software tools.

For more information, visit **www.xplm.com**.

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