

Customer Success Story

„Once again, the XPLM team won us over with their in-depth knowledge of ECAD and the product development process. They implemented our migration project in a competent, solution-oriented and routine manner.“

ROBBERT VAN BALLEGOOIJEN -
MANAGER IT



THE CUSTOMER

Huisman is a worldwide supplier of step changing technical solutions to the world's leading companies in renewable energy, oil and gas, civil, naval and entertainment markets. Projects vary from stand-alone components to highly engineered integrated systems, from concept to installation and lifetime support.

THE PROJECT

Migration of the 18 EPLAN workstations integrated in Siemens Teamcenter to PTC Windchill.

CURRENT SITUATION

Huisman develops, builds and maintains its heavy construction equipment at various locations around the world. Years ago, the company recognised the advantages of centralised, standardised product lifecycle management and implemented the Siemens PLM system Teamcenter. Our XPLM team integrated the EPLAN workstations. Huisman has now replaced Teamcenter with the PLM software PTC Windchill.



REQUIREMENT

The goal was to enable all involved in the engineering process to work efficiently by granting them access to the relevant data. With Windchill as their new “single source of truth”, developers can continue to rely on consistent, audit-proof data. To that end, XPLM moved the EPLAN integrations to Windchill.

In terms of high process reliability, Huisman expected the Windchill interface to offer the same user interface with the same functionality as Integrate2Teamcenter.

SOLUTION

The project started in November 2019 with an analysis of the current situation and the specified project result. The end of the project was set for the end of January 2021. But the project went quickly: Although the pandemic had an impact on the course of the project, the implementation was finished in June 2020, so that Huisman went live after the summer holiday.

After the Windchill test system was implemented at the end of November, the EPLAN systems, including existing projects and templates were migrated. At the same time, the desired functions of the interface were configured analogously to the Teamcenter integration and the menus were adapted. It was important to Huisman that the developers did not have to leave their development environment for actions with Windchill. This means, for example, that projects can be opened and stored or checked out and checked in from within EPLAN, that EPLAN does not automatically shut down after checking in a project, or that a checked-out project does not

overwrite any locally stored files. Another criterion was that new projects could be created on the basis of existing projects or circuit diagrams.

For a company with an international clientele, regional technical standards, compliance requirements and laws all play an essential role in product development. Regulatory compliant systems therefore require localised version management with adequate directory, product and document structures. The Windchill objects for regional special solutions are stored in subfolders of the corresponding standard system and linked logically.

However, the following applies to all locations: the directory names are generated uniformly and are never recorded manually. The same applies to the new installation of Windchill WTParts. In this case, the entry of the attributes to be associated is also forced.



ADDED VALUE

All XPLM Integrate2 solutions work in the same way, regardless of the tools to be integrated. For the Huisman development team, this meant a quick, smooth introduction to working with PTC Windchill.

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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