

Customer Success Story

„We are very satisfied with the work of XPLM. The interface and configurator have standardized our solutions and work routines. Therefore we thank them a lot.“

MARIANO OROZCO,
ELECTRICAL HARDWARE ENGINEER



THE CUSTOMER

Metso is a Finnish industrial machinery company and one of the world's leading manufacturers of recycling machinery for processing metal scrap.

THE PROJECT

The integration of Siemens Teamcenter and EPLAN.

THE CHALLENGE

An Integrated BOM information management in Siemens Teamcenter.

ABOUT THE CUSTOMER

Metso Germany GmbH is one of the world's leading manufacturers of recycling machinery for processing metal scrap. The company has a workforce of approx. 260 employees and is located in Düsseldorf, Germany, where design, engineering and manufacturing has been carried out for almost 100 years.

The formerly family-owned company was founded in 1913 by Waldemar Lindemann and became part of the Finnish Metso Group in 2001. Together with Metso Denmark (formerly M&J, manufacturer of waste shredders and Texas Shredder, a US located producer of metal shredders) it represents Metso's Recycling business.

Metso Germany specializes in state-of-the-art processing systems for scrap materials. Their products are used in metal recycling plants and automobile factories, as well as in a diverse range of applications.

CUSTOMER PROBLEMS

The company needed configurable, error-free products (flawless BOMs), which are faster on the market. The engineers needed to be able to make changes and updates in the system independently. Therefore, an interface between their PLM system Teamcenter and their ECAD system EPLAN, as well as an electric and hydraulic schematics configurator were required.

REQUIREMENTS

The XPLM developed integration “Integrate2“ includes the introduction of a product configuration consisting of the:

- Creation of schematics automatically
- Collection of software components for PLC (Siemens S7)
- Consideration of fluid components
- As well as the storage of the output of the product configurator in Teamcenter including BOMs.

THE JOURNEY

- Devising the strategy
- Setting milestones
- XPLM receiving the required Metso data
- Designing the interface together
- Designing the schematics configurator together
- Testing the interface in live configuration at Metso
- Testing the schematics configurator in test projects
- Testing the interface together with the configurator
- Making changes and updates

IMPLEMENTATION

After successful checks, only support for minor modifications were needed. The first version of the solution was implemented in April 2011. This was followed by testing extensions. The product configurator needed standardization in the building of macros in EPLAN and in the definition of the software components for the SPS/PLC programming. As XPLM and Metso worked together, there was no need for additional training to the key-users.

CUSTOMER BENEFITS

Now the solution is being used by the electric and hydraulic department in their daily work. By making jobs automatic, instead of manual, the solution gives Metso not only clarity in their daily processes, but also saves them time and money in every project through the reduction of work time.

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.

HEADQUARTERS

XPLM Solution GmbH
Altmarkt-Galerie Dresden,
Altmarkt 25
01067 Dresden, Germany
Office: +49 351 82658-0

Mail: marketing@xplm.com

OFFICE USA

XPLM Solution Inc.
1900 West Park Drive, Suite 280D
Westborough, MA 01581
Office: +1 508 753-7500