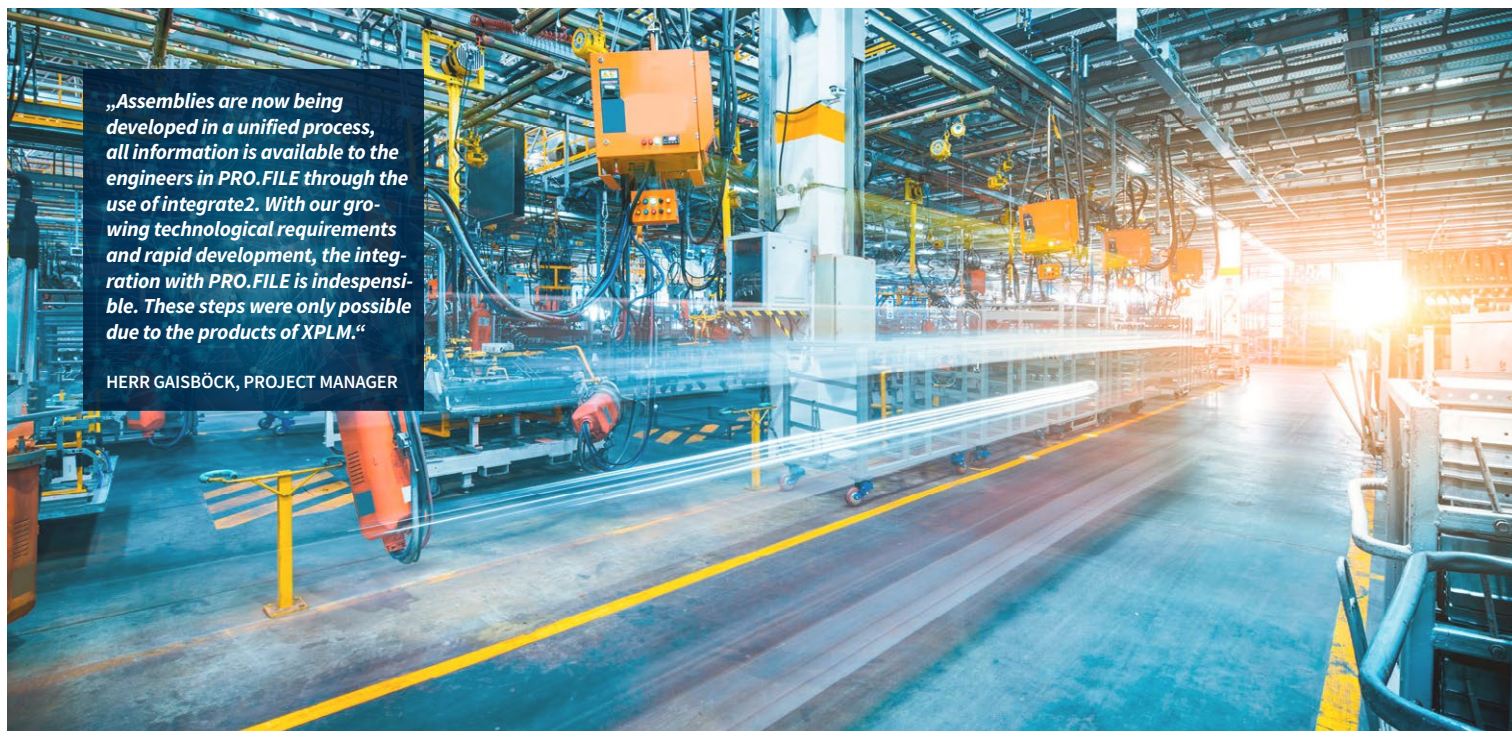




Customer Success Story



„Assemblies are now being developed in a unified process, all information is available to the engineers in PRO.FILE through the use of integrate2. With our growing technological requirements and rapid development, the integration with PRO.FILE is indispensable. These steps were only possible due to the products of XPLM.“

HERR GAISBÖCK, PROJECT MANAGER

THE CUSTOMER

Fill Gesellschaft m.b.H. is the world-leading builder of engines and facilities

THE PROJECT

The use of integrate2 to connect E-CAD and PRO.FILE

THE CHALLENGE

Define a shared data model in PLM and a continuous process between E-CAD-PLM-ERP to optimize the order process

ABOUT THE CUSTOMER

Since 1966, Fill has developed into a world-leader in machine and plant engineering. At its heart is the motto: „If you are looking for the best solution, shape your future with Fill.“

As a family run business, with 800 employees, Fill's success is impressive. For example, 80% of European automobiles contain Fill technology.

Their main products are machines supporting manufacturing and assembly of:

- Automotive
- Space craft
- Ski and snowboard equipment
- Renewable energy solutions, solar and wind energy
- Wood and building

CUSTOMER PROBLEMS

- A growing historical library of articles in the data system
- Manual production of parts lists
- Exchange of information only through Windows Explorer, E-mail or on call
- Information deficit, e.g. changing costs of an assembly during construction
- Missing workflow between all product components: mechanical, electrical, software and documentation
- Missing connection of the sector Fluid to PRO. File



REQUIREMENTS

Fill needed to link the development process in ECAD with PLM in order to manage all product data in one system to ensure process safety. They also wished to use automated parts lists to reduce manual mistakes, to integrate a more efficient workflow and to reduce costs.

PROJECT PHASES

1. Definition of a shared data model in PLM
2. Definition of a continuous process between ECAD-PLM-ERP to optimize the order process

CHALLENGES

The first interface between PRO.FILE and ELCAD was installed in 2010 and the first integration solution between PRO.FILE and Engineering Base has been implemented in 2016. The interface between those ECAD Systems and PRO.FILE required a rethinking of existing internal processes. New workflows had to be introduced and very precise work had to be done. But since a new ECAD system was introduced at the same time, the training effort was relatively high.

CUSTOMER BENEFITS

Through integrate2 the EPLAN electric P8 article database is synchronised with PLM and also unified and adjusted. The components in ECAD and PLM are all maintained and published to all engineers of the company.

Additional benefits:

- Manufacturing data/Project Data is created automatically
- The Engineer is being informed of all changes in Design, including costs
- Significant saving of work and time
- The Process is consistent and comprehensible

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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