

Customer Success Story



„We are very happy with the availability and competence of XPLM. They supported us whenever we needed them.“

SEAN PYPERS,
IT PROJEKT MANAGER

THE CUSTOMER

OSI Systems is a global technology solutions company

THE PROJECT

The Integration of Oracle Agile A9 with SOLIDWORKS

ABOUT THE CUSTOMER

With more than 40 years of experience in electronics engineering and manufacturing, and offices and production facilities across the world, OSI Systems is well placed to fulfill its mission: to make the world a safer and healthier place. OSI systems designs and manufactures specialized electronic systems and components for critical applications in homeland security, healthcare, defense and aerospace.

The company is split into three divisions:

- Security
- Healthcare
- Optoelectronics and manufacturing

OSI's Security division (Rapiscan® Systems, American Science and Engineering and S2 Global) is a leading supplier of screening solutions that help governments, corporations, law enforcement and military organizations around the world combat terrorism, drug and weapons smuggling, illegal immigration and trade fraud.

THE CHALLENGE

The Improvement of the engineering efficiency with a successful integration of Oracle Agile A9 to SOLIDWORKS.

The brand name Spacelabs represents the Healthcare division of OSI Systems. Spacelabs designs and manufactures advanced patient monitoring devices, anesthesia delivery and ventilation systems, diagnostic cardiology devices, software, and supplies and accessories, helping clinicians to focus on their patients and their care.

Finally the OSI Optoelectronics and Manufacturing division designs, develops and manufactures OEM and custom solutions for leading technologies and industries for use in a broad range of applications, from aerospace and defense to medical imaging and diagnostics systems.

CUSTOMER CHALLENGES

OSI Systems needed to optimize the engineering process and wanted an integration solution between Agile A9 and SOLIDWORKS in order to do this. The work needed to be completed within a specific budget. As well as this, a new engineer was brought in to run the project, and required training so that he had full ownership of the venture.

THE JOURNEY

XPLM created and applied custom code to update CAD file naming sequences to capture additional values and to allow for FEA analysis files to be uploaded to A9 during saving. XPLM also provided EC solution to meet the businesses' current and future practices and training in the solution to the relevant engineers at OSI systems.

PROJECT CHALLENGES

The project should have taken two months. Unfortunately, it had to be paused for a few months when some of the manufacturing engineers were needed to help with product development instead of the implementation.

It also became apparent that OSI system's Environments needed to be upgraded to the same level before the implementation could take place. Prior to the project being put on hold, XPLM's training enabled the engineers to successfully use the solution within days. Additional 'refresher' training was also offered helping to bring the project back up to speed.

CUSTOMER BENEFITS

XPLM's integration exceeded OSI Solutions expectations by greatly reducing the time needed for and errors made in the product development cycle. Although it is difficult to quantify the financial gains from the solution, it has saved the engineers time and made their work more efficient. The process of implementation was made easier, despite the project challenges, by having a fixed XPLM contact who was always available when needed.

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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