Customer Success Story

WE SIMPLIFY COMPLEXITY.

With the widest integration portfolio for ECAD, MCAD and ERP.

THE CUSTOMER
STRATEC SE is a global company active in the development and production of integrated, fully automated analysis systems in the field of in-vitro-diagnostics.

THE PROJECT
Integration of Cadence OrCAD to PTC Windchill

THE CHALLENGE
Company-wide harmonization of the data landscape

ABOUT THE CUSTOMER
STRATEC is the world market leader for fully automated analysis systems marketed under the name of leading in-vitro-diagnostics companies. Furthermore, the company offers integrated software solutions for laboratories as well as products for sample preparation in molecular diagnostics. Stratec's products therefore play a crucial role in blood banks, joint practices, hospitals and laboratories worldwide. The systems are in use at all times and perform more than five million tests every day.

INITIAL POSITION

In the first step, the company decided to replace its legacy ECAD system with OrCAD, a PCB design solution from Cadence. Previously, Stratec manually added electronic CAD data to Abas, which took a significant amount of time and caused errors for the approximately 25 ECAD users in the enterprise. For a single source of truth, Abas, the long-running ERP system, was turned off and all data transferred to PTC Windchill 11. Business process control is still performed within the new ERP system, but there is a direct interface to the PLM system.

In order to ensure a smooth business process, the integration of ECAD into Windchill had been implemented simultaneous to the introduction of the new PLM system - here XPLM came into play.

REQUIREMENTS

Stratec required a unified database with automated bill of material transfer into PTC Windchill. Manually uploading ECAD data to Windchill was a thing of the past, as redundancies, mismatches, and other errors were inevitable.

THE JOURNEY

1. Consulting and service on the introduction of an ECAD component database in order to link it with Windchill in the later step.
2. KickOff Workshop, in which first customer specific product configurations were defined.
3. Implementation of a 'Standard Windchill ECAD Integration Package' on an independant test system.
4. Review Workshop to capture the necessary requirements.
5. Implementation of the Stratec specific extensions.
6. During the Test and GoLive phase, XPLM provided remote or in-house training support.

After only a few months of using the integration, so many experiences were gathered that the usability could be further improved. This also includes managing data from ‚non ECAD' sources necessary for a smooth production and documentation process. „Due to the simple handling of the interface we had a really short training period. Also users not working with the program regulary can operate it in a simple and secure way", Jenny Dittus, Sensor System Engineer at Stratec.

After only 7 months between the configuration of the starter package and the delivery of the customer-specific product, the integration was in productive use.

CUSTOMER BENEFITS

Today the solution is being used by the electronic development department in their daily work. By automating tasks rather than manual processing, the integration gives them the ability to work faster, more efficiently, and achieve higher quality results.

The advantage for Stratec is not only evident in the daily business of the ECAD department, but also in various other departments throughout the entire company.

Users outside the ECAD world can access design information, which greatly improves collaboration across sites.
In summary, the integration saves time and money for the company by reducing working hours.

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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