



BÖLLHOFF

Nothing beats joining at the right time, in the right place. Böllhoff is your partner for 360° joining technology with assembly and logistics solutions – worldwide. As a family-owned company we have been standing for long-term success through innovative capacity and local presence since 1877.

Its product range spans from standard screws according to DIN and ISO specifications to special fasteners such as the HELICOIL® thread insert and assembly systems. The portfolio is rounded off by numerous services relating to joining technology.

Interviewee:

Mr. Dr. Hoang Bao Dang
Head of Standardization PLM

What is the importance of a PLM system in your company?

In order to manage our product and project data within the Böllhoff Group globally, we rely on a PLM system as a central collaboration platform for management and control. This also enables us to map regulatory, industry, and customer-specific specifications such as IATF 16949, ISO 9100, VDA 6.3 or VW99000 in our PLM system.

You use a variety of different IT systems in your company's manufacturing environment. What were the specific requirements for your CAM system?

Our goal with introducing our PLM system was to create a highly harmonized and consistent PLM IT landscape with a high degree of process automation. Of course, you can't just look at the PLM system by itself. You also have to factor in how the PLM system interacts and works together with other IT solutions. It is important that the hyperMILL® CAM system we use can safeguard this interaction throughout the entire product life cycle.

The hyperMILL® PLM Connector interface is what enables you to network with your PLM system. To what extent does this interface help you to implement your strategic PLM vision?

One of our most important goals is having a high degree of process automation, and we can only achieve this by eliminating printed drawings on paper. The hyperMILL® PLM Connector helps to create a CAD/CAM process chain without needing paper printouts. This also prevents us from using incorrect CAD data in our processes. If we need to make technical changes to our data, the CAM programmers will be notified and data records may also be locked. Another advantage is the central management of our hyperMILL project data, which allows us to collaborate optimally with other subsidiaries across different sites. Programmers

have access to their colleagues' project data, meaning we are able to manufacture products quickly and easily at another site should we need to.

Which of the hyperMILL® PLM Connector functions have had the biggest impact on your processes?

In the past, we had to provide the CAD data manually in the network for the CAM departments. Thanks to the hyperMILL® PLM Connector, our programmers now have direct access to the current CAD data in our PLM system. This avoids us using the wrong data and saves having to input everything manually.

In addition, our CAD/CAM workflow has changed for the better. It is no longer strictly linear, which means that designs can still be changed even if NC programming has already begun. The hyperMILL® PLM Connector version check detects these types of situations and ensures that the correct revision of the part is programmed and manufactured.

Visit our website to learn more about what a networked manufacturing environment can do for you.



www.openmind-tech.com/de/cmpgn/cam-vernetzung.html