



Pfaff replaces antiquated proprietary ERP system with SAP Business One and connects to inventory control and CAD systems to improve operational efficiencies

Overview

Pfaff AQS GmbH, headquartered in Wuppertal, Germany, is a leading manufacturer of pneumatic tube-based quality control systems for manufacturing industries. Pfaff AQS systems are installed at more than 1,000 sites worldwide. To ensure quality control of production processes for its customers, Pfaff AQS must ensure continuous quality control of every aspect of its manufacturing process.

The Challenge

Pfaff AQS suffered from problems of inefficiency that stemmed from its use of antiquated operational systems and processes that endangered the company's ability to meet project deadlines and ensure project profitability.

Due to serious gaps in Pfaff's ERP system and lack of connectivity with the company's storage management system, the management of spare parts was consuming costly and error prone manual resources.

In the planning phase, Pfaff AQS was losing up to 20 hours per project because its Autodesk CAD system and its ERP system were not connected, resulting in tedious manual data entry of part lists. The company was confronting similar problems with its order entry process. Pfaff's ERP system was no longer up to the task of handling the company's needs.

The Solution

Pfaff selected SAP® Business One as the most appropriate replacement for its aging proprietary ERP package and turned to Advice & Training GmbH, a business consulting company based in Duisburg, Germany, for a solution. The expert consultants at Advice & Training understood that simply installing an off-the-shelf software package would not, by itself, solve Pfaff's problems.

While SAP Business One successfully addressed the major ERP problems facing the company, an effective mechanism for the integration of SAP Business One with the company's other IT systems was still missing. For this challenge, Advice & Training chose to use Magic Software's iBOLT Special Edition.

“Integrating SAP Business One and the Storage Management system cost us less than two days of development time with iBOLT. Had we programmed all of this manually, it would have taken us at least two weeks.”

Astrid Friedrich,
CEO,
Advice & Training GmbH

Case Study



Advice & Training used iBOLT SE to seamlessly integrate SAP Business One with Pfaff's storage management system, ensuring reliable and timely information exchange between these two critical systems.

In the second stage of the project, Advice & Training again turned to iBOLT for linking SAP Business One with Autodesk's CAD-System Inventor and WSCad.

The Benefits

The seamless integration of SAP Business One and the storage management system ensures that all instructions emanating from the ERP software relating to management and control of inventory – storage orders, sales orders, purchase orders, etc – are transmitted and, where necessary, transformed into a compatible format for the storage management system.

"Integrating SAP Business One and the storage management system cost us less than two days of development time with iBOLT. Had we programmed all this manually, it would have taken us at least two weeks," said Astrid Friedrich, CEO of Advice & Training GmbH.

"iBOLT is secure, absolutely stable and simply a good fit with SAP Business One," concluded Astrid Friedrich.

Magic Software Enterprises (NASDAQ: MGIC) is a software provider of enterprise application development, deployment and integration technology.

The company's platform allows small and medium-size enterprises to rapidly develop, change and deploy business solutions and integrate with existing and legacy systems. Magic's products are built upon 20 years of R&D and customer experience. Through partnerships with more than 2500 ISVs worldwide, Magic Software's technology is used to deliver solutions to more than 1.5 million customers around the globe.