Implemented SAP S/4HANA with seamless interfaces to multiple applications for leading global glass packaging manufacturer

Case Study

Industry:	Manufacturing
Technology:	SAP
Country:	India

Client Profile

The client is a recognized global glass packaging solution provider. They offer complete end-to-end glass packaging solutions in over 50 countries with design, production, and decoration footprint in the USA, India, and Sri Lanka. With an overall capacity of 1375 tons per day, with 12 furnaces and 55 production lines, they are a globally acclaimed brand for high-end glass packaging solutions in Cosmetics & Perfumery, Pharmaceutical, and Food & Beverage.

Client Objective

The customer wanted to upgrade to the latest innovation from SAP – and upgrade to SAP S/4HANA from SAP ECC – to digitize their manufacturing and business operations. The project needed to be delivered in a short span of time along with a multi-country rollout. New Product Development is a critical process for the customer – as they invest heavily in design and research activities for industry and customer specific packaging solutions. A custom solution for managing the New Product Development process was also required.

Challenges

Key challenges during the project were as below:

- The client had been running on SAP ERP for 10 years and had highly customized the environment to suit their specific requirements. This translated into hundreds of custom ABAP objects, and interfaces with several third-party applications
- While the customer opted for a greenfield reimplementation approach to adopt SAP S/4HANA, they required majority of the bespoke enhancements to be available in the new S/4HANA environment
- Some custom objects could be ported but a big set of objects needed to be redeveloped for the new landscape, but no functional specifications were available for the Z-development
- During the implementation, there was a new release of SAP S/4HANA, which had to be adopted

Solution

We managed the delivery of scope pertaining to implementation and roll out of SAP PP, SAP WM, SAP MM and SAP HR modules, along with custom development and integration.

- For redevelopment, the team had to read the code for individual objects to understand the functionality for rewriting the code
- More than 600 ABAP objects were delivered in the SAP S/4HANA environment
- Integration of more than 10 other enterprise applications was done and delivered. This included integration with iValua, a leading Source-to-Pay solution. iValua was used by the customer to manage supplier relationship
- We provided a custom developed New Product Development solution
- Went live with the latest release of SAP S/4HANA available at the time of go live

Outcome

We handled the multiple tracks with great efficiency and delivered our scope on-time.

- Digitized processes for inventory and warehouse management, manufacturing operations and human capital management
- Correctly decoded and delivered custom objects critical to the customer's very specialized business processes
- Seamless integration with other applications for continuous processes
- Delivered 600-plus custom objects and integration interfaces in 6-8 months

Tech Stack

SAP S/4HANA	SAP MM
SAP WM	SAP PP
SAP HR	SAP ABAP

SAP

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