YASH Technologies assisted the digital transformation initiative of a leading chemical manufacturer with 'Data Migration' support services

At a Glance

Profile

A global chemical manufacturer

Business Needs

- Required support to migrate the data from SAP ECC 6.0 to SAP S/4 HANA using the web-based tool, 'Data Migration Cockpit (DMC).'
- Work in tandem with the existing service provider for the successful implementation of SAP S/4 HANA
- Assist in the implementation of SAP S/4 HANA solution within budget and timeline

Solution

- Yash consultants took the ownership of end to end data migration and utilized S/4HANA migration cockpit (DMC) for migrating data from SAP ECC 6.0 to S/4HANA
- About 35 DMC templates were utilized to load different data objects into S/4HANA
- Developed 65 customized upload programs in ABAP and LSMW environment to extract data from ECC and loaded to S/4 HANA environment
- Performed multiple mock tests to ensure that the data migration was successful and the delta with existing DB was minimal
- Performed due process of simulation, data validation, and execution as per the needs of the implementation partner

Technologies

- SAP S/4HANA
- Master data: MM, WM, FICO, PP, PM, QM
- Transactional data: Inventory, AP/AR, Open Stock, etc

Outcome & benefits

- The client had access to a rare skill set that YASH readily provided to the client
- YASH provided a project management layer to sync the progress of the data migration project as per the needs of the client and the incumbent IT service provider.
- The project was executed within budget and low cost due to onsite-offshore engagement.
- Performed data validation on the massive volume of data uploaded into SAP S/4 HANA systems and it showed minimal deviation of less than 0.0001%

About the client

The client is a leading technology-driven chemical manufacturer, headquartered, in Japan. They provide diversified products globally and maintain a leading position through research, development, manufacturing, and marketing of innovative products. Based on customers' needs and requirements, they manufacture and supply products that effectively support customers needs. The company produces chemical products such as functional resin, foam resin, and synthetic fibers and even involved in drug development and pharmaceutical production.

Business background and needs

The client was a global chemical manufacturer and had operations in multiple continents. For their North American operations, they utilized SAP ECC 6.0 systems to support their business processes. The client wanted to improve the system efficiency and user experience and be at the forefront of the technological changes. As a part of their digital transformation drive, the client preferred to upgrade their existing ECC 6.0 systems to SAP S/4 HANA. To meet this need, the client engaged one of the top-notch service providers of SAP. The service provider studied the needs of the client and prepared an execution plan. As a part of the implementation plan, the service provider was to implement SAP S/4 HANA and migrate the data from the existing ECC system to SAP S/4 HANA. The service provider planned to utilize 'Data migration cockpit' (DMC) tool, that was provided inherently by S/4 HANA, to upload the data into S/4 system. However, using this web-based tool was a rare skill set, and the service provider faced hiccups in the implementation of S/4. The client understood that data migration was a critical task and needed to be handled by an experienced provider. They did not want to jeopardize the current project by annulling the contract and reinvent the wheel with a new provider. The client business management had a limited budget, and they required the project to be completed on time with no increase in allocations.

Business needs synopsis

- Required support to migrate data from SAP ECC 6.0 to SAP S/4 HANA using the web-based tool, 'Data Migration Cockpit (DMC).'

- Implement the existing SAP S/4 HANA project within budget and timeline

- Work in tandem with the existing service provider for the successful implementation of SAP S/4 HANA

YASH value proposition

The client involved YASH Technologies as an extended partner to assist them in the SAP S/4 HANA data migration. YASH consultants understood the requirements of the client and proposed a best fit engagement model for the client. YASH management had put together a team with the appropriate skill set for the successful execution of the project. YASH project management office (PMO) had owned up the project and assigned a project manager to guide the team through the data migration activity and closely work with the incumbent IT service provider for the implementation of S/4 HANA.

The project was executed in an onsite-offshore model. YASH had strong project management principles in place and placed the right consultants at the right place and at the right time. A data architect at onsite guided the team at offshore during the complete engagement. YASH data architect and offshore project manager had together acted as the liaisons to provide the right interface between the client team and the incumbent IT service provider. The offshore technical teams had both Data migration technical consultants as well as functional consultants to assist the client in deploying the S/4 Solution.

The project was executed in two phases. In the initial phase, the consultants extracted the data from the ECC system and cleaned it. The cleaned data was transformed and loaded into SAP S/4 HANA using Data migration cockpit (DMC) tool provided by the S/4 system. YASH utilized multiple tools for data extraction and upload.
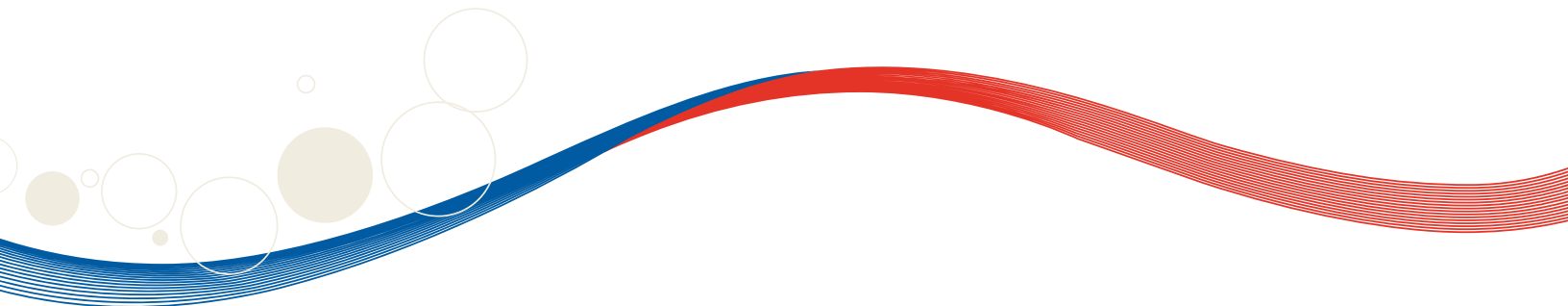
Using the above tools, an enormous volume of data was migrated from ECC 6.0 into SAP S/4 system, as per the needs of the incumbent IT service provider. Both Master data (MM/WM/SD/PP/FICO/QM/PM) and Transactional data (Inventory balances; AP/AR; Open stock; etc.) were migrated. The existing S/4 DMC templates were utilized to migrate about 35 data objects into the S/4 system. However, not all the templates were available for all the different data objects that the client had. Hence, the consultants developed 65 customized upload programs (LSMW and ABAP programs) to extract and upload the data as per the requirements of the client.

The consultants had performed multiple rounds of testing to ensure that the data in S/4 HANA is in sync with the ECC system. All discrepancies were analyzed in consultation with the business teams and a report provided to the management. The project was executed within budget as per the needs and complete satisfaction of the client.

Extract data from ECC:
1. Win shuttle - An open market tool
2. Existing ABAP programs - From ECC 6.0

Upload data into S/4 HANA:
1. LSMW
2. DMC

For more information contact YASH today

at info@yash.com or visit www.yash.com

About YASH Technologies

YASH Technologies focuses on customer success. As a leading technology services and outsourcing partner for large and fast growing global customers, the company leverages technology and flexible business models to drive innovation and value throughout its customer's enterprise. YASH customer centric engagement and delivery framework integrates specialized domain and consulting capabilities with proprietary methodologies and solution offerings to provision application, infrastructure and end user focused Right-Sourcing services. YASH is a SEI CMMI (Level 5) and an ISO 9001:2015 certified company with U.S. and India headquarters and regional sales and development offices globally with customers spread across 6 continents.

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