Manufacturing clients successfully transition from SAP ECC to SAP S/4HANA with innovative integration solution.

Challenge

Two of our customers in the manufacturing industry had challenges with SAP S/4HANA existing integrations, understanding the available S4 functionality, and understanding the optimal transition approach from ECC to S/4.

Solution

To meet the needs of both clients, we designed, developed, and implemented an integrated SAP ECC solution that included over 12 modules to aid in the transition between ECC and S/4HANA, preparing them for S/4 deployment.

Result

We successfully integrated SAP ECC running Suite on HANA at Go-Live. Post-implementation, we implemented new functionalities and User Interfaces, transformed existing business processes, customer data migration, and continue to support the SAP ECC HR and Payroll sidecar solution until the new functionality is released.

The solution we developed for integration between SAP's ECC and S/4HANA platforms also met the integration development and certification requirements to become an **SAP-certified manufacturing software integration solution**.

Project Goals

Two of VistaVu's customers in the manufacturing industry were starting their journeys toward full S/4HANA utilization and integration within their respective implementations. Both customers had challenges with SAP S/4 existing integrations, grasping the available S/4 functionality, and understanding the optimal transition approach from ECC to S/4.
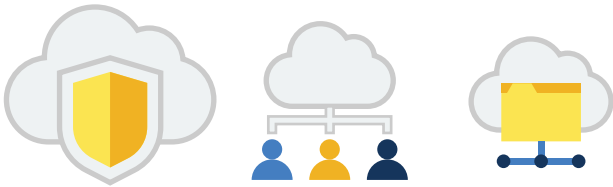
VistaVu guided the organizations along the path of S/4HANA functionality to improve business operations – usability, functionality, and third-party integration. We leveraged experiences garnered from S/4HANA readiness activities within utility clients such as Customer Vendor Integration and archiving to ensure our manufacturing customers continued their progress along their S/4HANA roadmaps. One of the customer's scope was to implement SAP ECC 6.0 EHP8 on HANA, with a future goal of S/4HANA deployment once the industry relevant functionality was released by SAP.

The second client's scope was to develop integrations for client-owned manufacturing software to SAP S/4.

Solution Implemented

In order to meet the project objectives, the solution implemented by our project team leveraged multiple experiences. VistaVu managed the initial implementation and ongoing support of Business Suite on HANA (with SAP ECC 6.0 EHP 7) as a common platform across this start-up life sciences manufacturing business to streamline and standardize business processes.

We implemented and integrated SAP ECC, including the following modules: **Finance** (General Ledger, Accounts Payable, Accounts Receivable, Bank Accounting, Asset Accounting), **Controlling** (Cost Center Accounting, Profit Center Accounting, Product Costing), **Sales & Distribution**, **Purchasing**, **Materials Management**, **Inventory Management**, **Production Planning, Project Management, Human Capital Management, Payroll, Time, Employee Self-Service/Manager Self-Service, etc.**

The project also included designing a hosting infrastructure to support both SAP ECC tiered landscape, a migration to Suite on HANA, and readiness for S/4HANA deployment. We developed an SAP-certified integration between SAP's ECC and S/4HANA platforms with the client's manufacturing platform.

Project Successes

VistaVu successfully implemented SAP ECC running Suite on HANA at Go-Live.

Post implementation, we performed the setup of SAP S/4HANA landscape, and brownfield conversion of the SAP ECC system.

This involved new functionalities and User Interfaces in S/4, the transformation of existing business processes, customer data migration, and support of the SAP ECC HR and Payroll sidecar solution until the new functionality is released to customers estimated in 2023.

Our ongoing S/4HANA implementation includes conversion from ECC 6.0 to S/4HANA. This includes **Customer Vendor Integration (CVI)** to create business partners for each customer, vendor, and contact person in the ECC database. In addition, the ECC system has been updated with hundreds of SAP notes to prepare the system for conversion and provide the S/4 Readiness Checklist for the conversion of the ECC database.

We also developed the required integrations and completed the certification process with SAP for the manufacturing software integration with SAP ECC extended to the S/4HANA platform.

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