



Emphasys' key role in achieving critical performance targets in providing a large-scale SAP Integration solution

Challenges

Emphasys' customer is currently running a major business transformation program across the company. They have a system integrator who is helping them with implementing SAP S/4HANA which will be their central ERP system. However, they had identified 6000+ interfaces to be implemented for one of their key regions, with hundreds of systems to be connected. This looked like an impossible task to achieve in the agreed time.

Once the project went into build and test phase, there was another problem to be solved. The customer estimated to receive 300,000 sales order items in a peak hour. Their requirement was to process 100,000 items in 10 minutes, but as the original design was using IDocs, only 2500 items were being created in the same duration.

About the Customer

Emphasys' customer is the one of the worlds largest cosmetic companies, they recently celebrated their 150th anniversary. Their product category consists of skin care, makeup, body care, hair care and fragrances. They currently operate in approximately 120 countries and regions around the world.





Solution

Emphasys was engaged to help the system integrator in simplifying the landscape. Emphasys did a detailed analysis of the functionalities of the existing legacy systems, and delivered a capability to technology mapping document and approach, removing several redundant systems from the landscape. Reducing the overall integration scope from 6000+ interfaces to less than 800.

Additionally Emphasys was pivotal in enabling the performance targets for the critical Sales Order Interface.

In consultation with SAP, Emphasys assisted the system integrator in redesigning the interface to use ODATA APIs as opposed to IDocs. Additionally Emphasys delivered a Functional Performance Testing Strategy, that highlighted the steps to validate and tune system performance by executing expected peak volumes of targeted functionality in multiple environments. After running several test cycles, and fine tuning the solution, Emphasys enabled 100,000 sales order items to be created in less than 7 minutes.

This result was way above the expected target volume, and the customer was extremely satisfied with these results.

Working with Emphasys

"Emphasys is a leading expert in providing large-scale SAP Integration, implementation services and solutions. Their deep knowledge of Functional SAP and Integration domains helped us solve some of the key problems in our business transformation journey."

Emphasys also provided us an Interface documentation tool and Interface testing tool which are helping us reduce cost and time and lower the risk of issues occurring in Production."

Global Solution Delivery Lead,
Multinational Cosmetic Company