

Migration process (ETL) using a staging environment

BACKGROUND

The name of the project – TSA EXIT Migration – stands for Transform Service Agreement - Exit Migration, a long and complex process connected to company merges-fusion activity, the coordination of which was undertaken by TTMS specialists. The purpose of this process was to perform a secure transfer of the whole IT environment: infrastructure, services agreements, systems, applications, and finally data from the ABB to Hitachi following a joint venture agreement.

We dealt with 32 ERP systems operating in over 60 countries. All systems ran on SAP and had approx. 3,500 related applications. The migration involved 1,500 contracts. It was a huge implementation and organizational challenge, especially since the applications were still evolving, and the business continuity had to be preserved.

The most challenging part was that only part of the data had to be transferred to the new entity and therefore, they had to be separated “surgically”. Of course, detailed, multi-level verification was necessary to avoid duplication or omission of data.

PROBLEM

- a large number of migrated systems and applications, a huge scale and high complexity of the project (32 SAPs in over 60 countries globally, 3,500 applications, 1,500 Service Agreements),
- the need to access the data of members of two different organizations and the related legal challenges
- significant time pressure
- stakeholder challenge - the need to reconcile the interests of different groups due to the participation of two parties in the process (around 32k employees were moved between companies)

SOLUTION

Two large project organizations were established - one on the ABB side and the other on the Hitachi side, which was the recipient of the data and created the target environment. We supported the ABB side by creating migration environments (ETL). We provided data to Hitachi in the so-called transition area.

Our role was to plan and design the processes. We were responsible for the migration architecture, implementation management, deployment reliability, and stakeholder management. On our part, the project was supervised by a solutions architect who also performed (simultaneously) the PM role.



**2 Solution
Architects / PM**



**1 SAP ETL Expert
/ Architect**

OUTCOME

The process is still ongoing (since 2019) and remains on-track according to the original plan.

The finalization (full data extraction from ABB and production start in Hitachi) is scheduled for June 2023.