



## Case Study

**Accelerated SAP HANA Migration for  
11 ECC Landscapes and 44 Instances in  
Record Time of 6 Months**

## Client

The client is one of the major technology, engineering, construction, manufacturing and financial services conglomerates, with global operations.

## Challenges

The engineering conglomerate has a huge ERP landscape with 11 ECC and 21 legacy landscapes, and realized that the use of an intelligent platform was the need of the hour, to turn around their digital strategy. Some of the key business objectives were:

- Enhancing the performance of business-critical functions
- Reduction in the overall database size
- Creation of a platform for digital core (S/4HANA)
- Removal of legacy ERP footprint to reduce license cost
- Alignment with SAP's technology roadmap

## LTIMindtree Solution

LTIMindtree experts conducted a detailed assessment to prepare the IT strategy roadmap for the client. We assessed the digital strategy priority areas for each business unit, and realized that having a common database across 90+ instances (ECC and Non-ECC) was an important milestone of this strategy.

Furthermore, we executed database migration to SAP HANA for the 11 independent companies (IC). The key activities involved in this migration were HANA architecture design, building the migration solution and migration of the Data Center.

Key highlights of this migration are:

- Source DB size of ECC instances: 13.6 TB migrated to HANA
- 9 on-premise and 2 cloud (AWS and Google) migrations
- Consolidation and migration from multiple data centers to one data center
- Single HANA appliance with MDC (Multiple Data Container) for each IC to lower the TCO
- 12 FTE effort saving, leveraging the Mosaic code remediation tool
- 8 ECC upgrades
- Accelerated execution in 6 months, leveraging an industrialized approach

## Business Benefits

This new database resulted in achieving phenomenal benefits, and laid the foundation for an Intelligent Enterprise. Some of the key accomplishments include:

- Database size reduced by 64%
- Improved performance (response time) by 30%
- Significant reduction in the infrastructure maintenance cost
- 74% improvement observed in client copy/refresh
- 91% improvement observed in the backup time (From 360 minutes to 30 minutes)
- Recurring savings of USD 360,000+ per year on license AMC
- Zero disruption to business (e.g. financial closings, ongoing IT projects)



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