



Let's Solve

Case Study

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



A Larsen & Toubro
Group Company



Client

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

Challenges

The engineering conglomerate has 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 turnaround 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

Solution

LTI 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 Data Center.

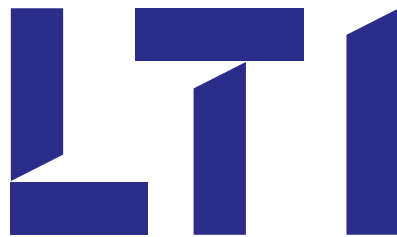
Key highlights of this migration are:

- 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 LTI Mosaic code remediation tool
- 8 ECC upgrades
- Accelerated execution in 6 months, leveraging an industrialized approach

What was Achieved

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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LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions Company helping more than 300 clients succeed in a converging world. With operations in 30 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 27,000 LTItes enable our clients to improve the effectiveness of their business and technology operations, and deliver value to their customers, employees and shareholders. Find more at www.Ltinfotech.com or follow us at @LTI_Global

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