



Let's Solve



A Larsen & Toubro
Group Company



Case Study

Global Analytics Platform Setup

for US-based Battery Energy Storage Solutions Provider

The client is one of the global leaders in energy saving solutions. It creates the most advanced battery technologies virtually, for every type of vehicle. Powering one in three of the world's vehicles, it focuses on translating the human market and technology insights to drive value through operational excellence and aftermarket customers.



Challenges

- ☑ TSA timeline adherence of the divestiture from the parent company to be completed by the cut-off data of October, 2020.
- ☑ Risk of non-adherence of exit timelines causing severe financial burden of separating 15+ legacy applications across the globe (SAP, IBM Maximo, Oracle, QAD, Logility, etc.)
- ☑ High cost of data storage and management with limited scalability across existing technology stack (Oracle, SAP HANA, DataStage, Talend, SQL Server, SAP BO, Power BI).
- ☑ Find an optimal approach to build the necessary data capabilities for the organization, while addressing TSA exit milestones to realize the benefit of the data-driven organization.



LTI Solution

- ☑ Strike a balance between 'risk-averse' and 'value maximization' approach by reimagined, future-ready platform, with assisted and conversational self-service analytics for user adoption, accelerated by LTI's Mosaic ecosystem delivered within the TSA window.
- ☑ Design a unified global analytics platform having unified storage on Azure with virtualized data marts on Snowflake, integrated with the power of LTI Mosaic for end-to-end orchestration.
- ☑ Migrate-cum-re-engineer the data on key applications like SAP HANA, Oracle, Hive and SQL Server into Snowflake, by leveraging LTI Canvas PolarSled and its tools & accelerators for an accelerated manner (< 6 months).
- ☑ Leverage the capability of true serverless compute (SnowPipe) to repoint the downstream applications with Snowflake for Reporting and Self-Service BI.
- ☑ Enable robust data governance including end-to-end Data Security, Quality, Catalog, Metadata, and Lineage using Mosaic Platform on Snowflake.

Business Benefits

**5x
Performance**
improvement

Reduction
in IT spend by 30-50%
by providing better
and efficient data
platform

Cost-effective
and scalable platform,
providing near
real-time visibility
to serve customer
requests

**13
Business
Apps**
migration in
progress

**20 TB
Volume**
of data migration
in progress over
12 weeks

LTI (NSE: LTI) is a global technology consulting and digital solutions Company helping more than 400 clients succeed in a converging world. With operations in 31 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 unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 32,000 LTIties 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 <http://www.Ltinfotech.com> or follow us at [@LTI Global](https://twitter.com/LTI_Global).

Info@Lntinfotech.com



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