



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



LTIMindtree 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 LTIMindtree'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 LTIMindtree 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 Canvas PolarSled and its tools and 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

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 84,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit <https://www.ltimindtree.com/>