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