

LTIMindtree

Case Study

Technology Simplification and Modernization

for a US-based Data-driven Enterprise

Client

The client is a US-based multinational technology major having business dominance across Hi-Tech Services. They develop, manufacture, and sell networking hardware, software, telecommunication equipment, and other technology products and services. The core offerings include wireless, networking technologies for switching, and routing and data center products.

Business Challenges

- Poor performance of the existing data & analytics landscape owing to a 20 years old legacy technology, making the data management effort complex. This resulted in reporting problems to the business personas.
- High cost of storage of the existing data across on-premise landscape resulting in high management and support cost with limited scaling capacity to match the rising data need.
- Absence of the data environment for the data scientist to help support the development of key analytics use cases on the current siloed data platform, resulting in a lack of business revenue realization.

LTIMindtree Solution

- Move from being product-centric to customer-centric by simplifying into a core data platform across the business landscape to leverage benefits of cost, scale, and innovation.
- Leverage native cloud capabilities by choosing Snowflake-based cloud Datawarehouse, along with Google Cloud as data landscape to develop new capabilities in the area of data science/analytics.
- Modernize the platform by defining a hub-and-spoke cloud data architecture and ELT architecture to take advantage of native capabilities of snowflake to deliver best-in-class price/performance, based on our best practices and lessons learnt.
- Build a templatized and repeatable framework leveraging the essence of our SnowMeta accelerator for executing the data movement from Hadoop, Oracle, SAP, HANA, and Teradata into Snowflake in an accelerated manner with minimal business disruption.

- Develop new capabilities with a focus on delivering insights on customer behavior by enabling use cases on changing the business for speed and deeper insights.
- Automate continuous monitoring & alerting across the platform using the DevOps tool chain and reducing the operational cost.

Business Benefits

Enhanced performance
of the overall platform by helping business to enable new business use cases across the LOBs.

~1 Petabyte
volume of data migrated over 15 months.

200+ Business applications
being migrated.

~30% Cost reduction
with faster time to insight and zero infrastructure management.

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 81,000+ 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 **www.ltimindtree.com.**