Case Study

Cost Optimization and Migration From A Legacy Platform To Google Cloud For An American Networking Major

Executive Summary

LTIMindtree has been helping an American networking major digitally transform from legacy technology to cloud-native architecture and applications. The transformation helped the client with cost, scale, and innovation, thereby helping them achieve the vision of becoming a customer-centric organization.

Client

The client is an American multinational technology conglomerate corporation that develops, manufactures, and sells networking hardware, software, telecommunications equipment, and other high-technology services and products.

Challenges

Technical debt in the existing data and analytics landscape due to legacy technology platforms.

High cost of the on-premise landscape. In addition to high management and support costs.

Lack of support to the data science use cases delaying the transition from product-centric to a customer-centric organization.

LTIMindtree Solution

LTIMindtree helped strategize identify drivers for migration and established a multi-year transformation roadmap to the cloud.

Designed target state architecture (logical and physical) after evaluating and benchmarking technologies based on requirements.

Snowflake is leveraged as the core data warehouse platform and GCP BigQuery to develop new data science/analytics capabilities.

Leveraged automation led Migration Framework to eliminate redundant technology and technical debt by migrating from Hadoop, SAP, Teradata, and Oracle to Snowflake.

Business Benefits

~2PB
Volume Data Migrated over ten months

200+
Apps Migrated

~40% Reduction in cost with faster time to insight with zero infrastructure management

Why Google Cloud?

One of the primary reasons for choosing Google Cloud was its vast global infrastructure. LTIMindtree leverages the reliability and scalability for the GCP services, which can then directly contribute to amplifying business outcomes. The GCP services like BigQuery were the best fit for the customer use case.

Why LTIMindtree?

LTIMindtree, as a Google Cloud Premier Partner, has proven GCP-based project implementation credentials. Our customer credentials demonstrated our skillset in the data migration and data analytics space. Our cloud professionals are equipped with excellent technical and domain skills, capable of providing value-added services to customers across the globe.

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 **https://www.ltimindtree.com/**