



Case Study

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

Executive Summary

LTI 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.

LTI Solution

LTI 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. LTI 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 LTI?

LTI, 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.

LTI (NSE: LTI) is a global technology consulting and digital solutions Company helping more than 460 clients succeed in a converging world. With operations in 33 countries, we go the extra mile to assist our clients and accelerate their digital transformation 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 40,000 LTIites enable our clients to improve the effectiveness of their business and technology operations and deliver value to their customers, employees, and shareholders. Learn more at <http://www.Lntinfotech.com> or follow us at @LTI_Global.

