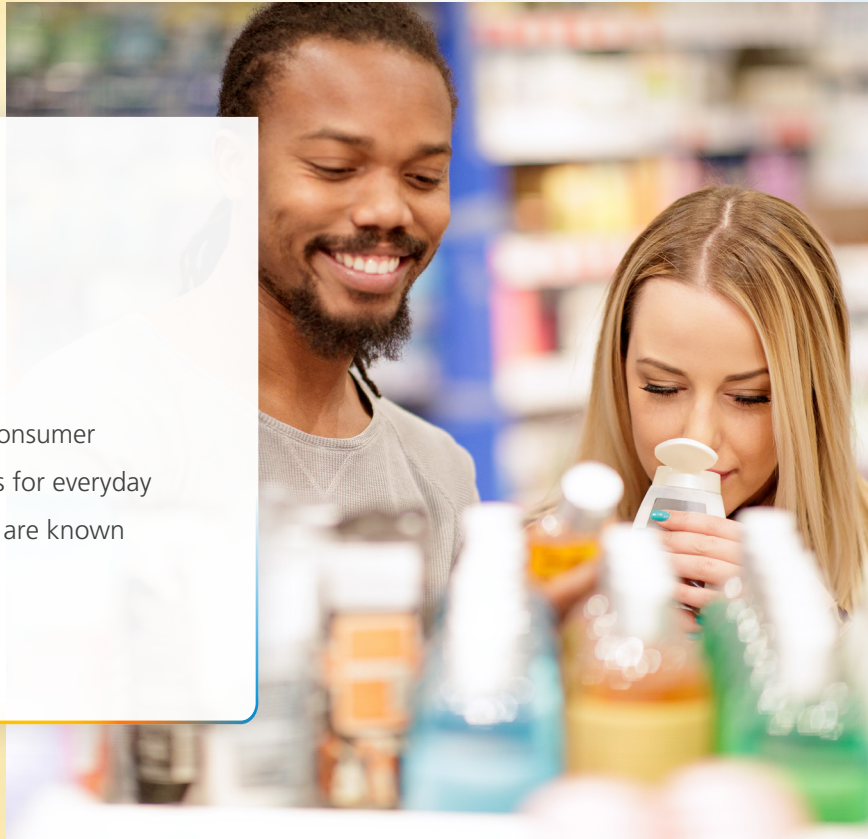**CASE STUDY**

DevOps Automation for an American MNC RCG Client

Client

The client is an American multinational retail and consumer goods corporation that offers high-quality products for everyday use to consumers worldwide. The client's products are known for superior performance and value.

The Challenge

Multiple infra provisioning with various combinations of Google Cloud Platform (GCP) services required the creation of infra-provisioning blueprints using IaC templates

Managing different Google Cloud service releases across various environments was difficult. CI/CD automation for app build and deployment had to be enabled

Security enablement and role-based access controls in infra and app deployment were needed in other cloud-to-Google Cloud migrations

LTIMindtree Solution

LTIMindtree helped the client with infra and application migration from other clouds to Google Cloud. Also, provided architecture support for client applications to be on-boarded on Google Cloud, enabled CI/CD through Google Cloud DevOps and automated provisioning of Google Cloud services.

Designed and implemented complex architecture to create a pre-requisite Google Cloudlanding zone and enabled automated provisioning via Terraform.

Enabled CI/CD automation through Google Cloud services using Terraform

Implemented version controls to support both older and new features of Google Cloud services across various deployments

Implemented security controls and developed validation policy as per TSS|CIS compliance

Business Benefits

Faster application environment provisioning by **50%** — including quicker provisioning of Google Cloudservices

Reduction of vulnerabilities by **15%**

Faster turn-around time for Google Cloud services feature rollout for the client

Tech Stack

○ **Google Cloud Platform**

LTIMindtree

About LTIMindtree

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/.**