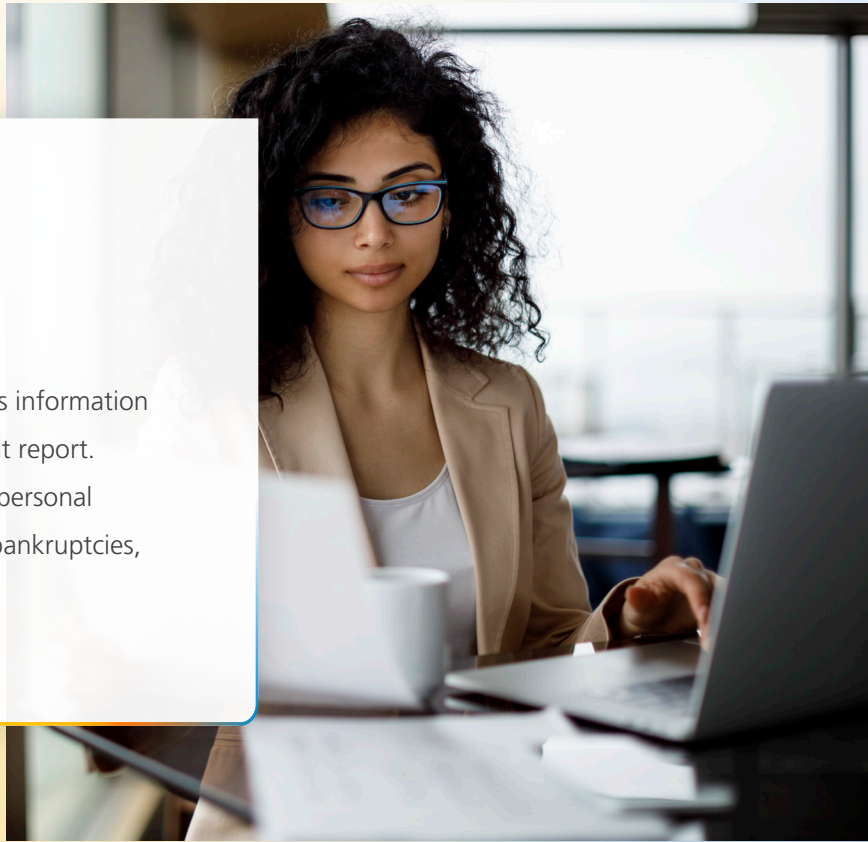**CASE STUDY**

DevOps Automation for US-Based Consumer Credit Reporting Agency

Client

The client is an American credit bureau that collects information about an individual's credit history to create a credit report. The five main components of the credit report are personal information, credit accounts, inquiry information, bankruptcies, and collections accounts.

The Challenge

Managing multiple environments was difficult due to the complex system setup

Implementing security and compliance considerations in all phases, including application deployment

Migrating from legacy to microservices on the cloud required necessary configuration management, Continuous Integration (CI)/Continuous Deployment (CD), and automation

LTIMindtree Solution

LTIMindtree helped a client with the app modernization and migration from Teletrack to a specialty finance platform, PCF to Google Cloud. We supported the implementation of the Site Reliability Engineering (SRE) process and Google Cloud DevOps services for faster and better product delivery and infra automation.

Automated creation of environments via Terraform scripts

Set up Jenkins pipelines with GitHub webhooks to deploy code on the GKE cluster

Enabled a container registry to store the docker images for fast, scalable retrieval, and deployment

Implemented Google Cloud monitoring and logging services to create metrics and alerts for services. Enforced security with Cloud IAM and service accounts for managing access to service user accounts

Business Benefits

Improved time to market by

40%

Reduced time for new application infra setup by

75%

Optimized the overall cost by

20%

through Google Cloud adoption

Tech Stack

○ **Google Cloud Platform**

![LTIMindtree logo]

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/.**