



Case study

Technology Modernization Using AWS Cloud for Global Shipping Company

Client

The client is a global container transportation and shipping company headquartered in Marseille, France.

Challenges

- Build a DataLake on AWS cloud for analytics and AI driven dynamic pricing
- Integrate data on-premise with the cloud for seamless end user access and reporting
- Implement DevOps for reduced time to deploy while driving cost savings

LTIMindtree Solution

- Developed AWS Infra-as-a-code using Terraform-based scripts deployed using Jenkins
- Smart Lift-and-Shift of Data from existing legacy systems to next-gen cloud storage
- Leveraged native cloud capabilities and latest features such as Step Functions, Glue jobs, Athena, and Sage ML for utilizing compute only when needed
- Built a dynamic pricing model based on historical pricing and events such as season, comparative demand to dynamically calculate cost

Business Benefits

Accelerated replication of ~100+ TB volume of data to AWS S3 over six months

Enhanced reporting using improved 10+ apps and business application analytics

~30% reduction in cost with faster time-to-insight

Key Takeaway:

Deploying a hybrid Infrastructure integrating on-premise applications with the cloud strategies to quickly adapt to market demands, better cost optimization, and lower build lifecycle.



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