Hybrid Cloud Implementation for a Leading European Insurance Provider

Client

One of the largest European Insurance providers.

🎯 Challenges

- The client wanted to deploy their core Insurance application ABS and its supporting applications on AWS, to act as backend for one of their leading banking customers for Insurance processing.

- The backend insurance processing engine was a monolithic application (Java DB2). However, frontend customer-facing modules were built-in microservices and used APIs to communicate with ABS. All application deployments were expected to be automated.

- As an Insurance company, our client is bound by various regulations and compliances. This includes a mandatory secondary DR site along with production and expected Recovery Time Objective (RTO) to be a maximum of 4 hours and Recovery Point Objective (RPO) to be near zero.
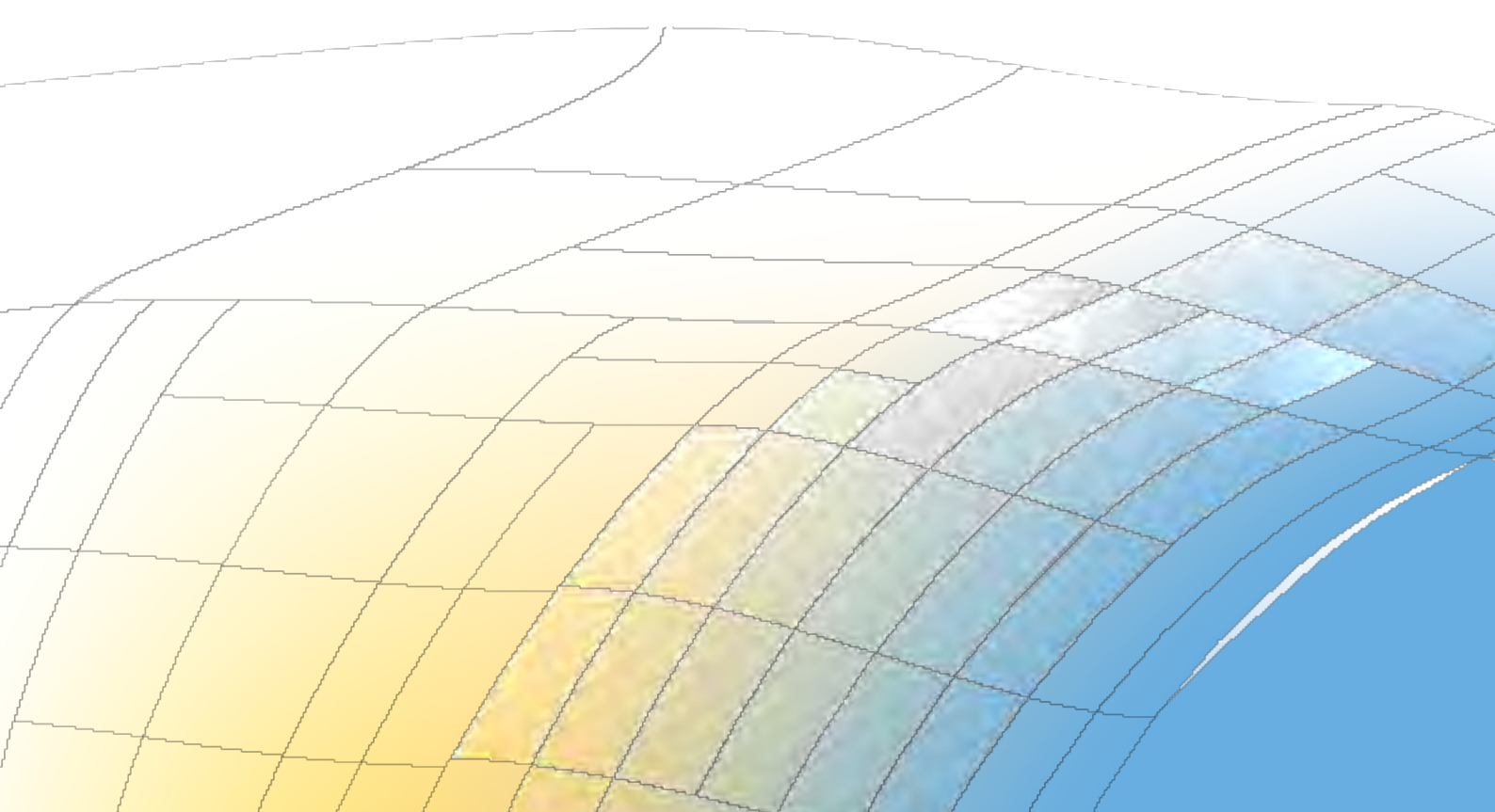
LTIMindtree Solution

- We designed and built an AWS-Cloud architecture for the applications that included the Core Insurance application - ABS, based on well audited principles by leveraging microservices architecture.

- Cloud architecture was designed to deliver a fully scalable, flexible, and highly available application environment for the client, while meeting the strict regulatory and compliance requirements of the Insurance Industry.

- To ensure a seamless and highly automated Cloud environment, we implemented automation for application deployments and enabled Cloud features including auto-scaling and load balancing. Auto-scaling was enabled at service level and EC2 level to scale out microservices, based on load.

- The legacy Core Insurance application, along with other applications, were seamlessly migrated to the target cloud by leveraging our domain expertise of highly skilled cloud migration experts.

Business Benefits

- **High availability and redundancy through cloud architecture ensured the application availability guarantee at 99.99%.**

- **70% reduction in IT administration due to automation.**

- **40% reduced time-to-market.**