CINTRA

RLDatix Achieves 90% Cost Savings and 2x Performance with Modernization from SQL Server to Aurora PostgreSQL

RLDatix™

CUSTOMER

RLDATIX

INDUSTRY
Healthcare Software (Governance, Risk and Compliance)

USE CASE
Multi-region refactoring of SQL Server to Aurora PostgreSQL for improved scalability, flexibility and cost optimization.

COUNTRY
United Kingdom

PRIMARY AWS SERVICE
AWS Aurora PostgreSQL

PROBLEM

RLDatix's loop application ran in AWS on Microsoft SQL Server (RDS), deployed across multiple regions to meet data residency requirements. During peak periods, the SQL server environment became a bottleneck due to limited vertical scaling options and high licensing costs. RLDatix needed a more flexible, cost-effective and scalable solution that could meet performance demands through horizontal scaling with Aurora read replicas.

SOLUTIONS

Phase 1: AWS Modernization Viability Assessment (MVA): Assessed the existing SQL Server environment, defined the modernization roadmap and analyzed complexity, design and cost benefit for Aurora PostgreSQL.

Phase 2: Migration Project (under AWS Microsoft Modernization Program): Refactored SQL schema and code for PostgreSQL, migrated data using AWS DMS and SCT and built deployment scripts. Delivered testing, go-live and knowledge transfer.

IMPACT

- 90% cost reduction achieved by eliminating both SQL Server licensing and SQL Server RDS.

- 2x improvement in database query response time.

- Fine-grained scalability and automated replication via Aurora PostgreSQL

- Zero risk, minimal downtime migration completed in under two months.

- Database team enabled for ongoing PostgreSQL operations.

SCAN FOR CASE STUDY

"Our top priority was to have a seamless, zero-risk cloud migration and Cintra delivered beyond expectations. Their structured, blueprint-driven approach gave us the confidence to modernize and migrate our multi-region environment to Aurora PostgreSQL with zero disruption. The result is a faster, more cost-efficient, scalable and future ready database platform."

Igor Kitanovski – Senior Director of Engineering, RLDatix