

Case Study

Oracle to Azure PostgreSQL Migration using QMigrator

About Customer

- ✓ Ceylon Biscuits Limited (CBL) is one of the largest food products manufacturers in Sri Lanka. Recognized as a technology and innovation-led producer, the company has a global presence across all continents.

Migration Key Drivers

- ✓ CBL wanted to reduce the ever-increasing cost of licensing and improve the scalability and maintainability.
- ✓ Their current homegrown systems are running on the Oracle Cloud Infrastructure (OCI) in Germany, causing latency issues. They were looking to migrate to the Southeast Asia Azure Region.
- ✓ CBL identified the lock-in situation with Oracle and does not want to expand its footprint with Oracle, so keen to migrate to the OSS database before expanding its IT systems.

Solution & Execution

- ✓ Quadrant performed the assessment using its QMigrator tool and shared the assessment.
- ✓ Reviewed current system architecture and re-architected to reduce the number of databases.
- ✓ Using the QMigrator Tool we migrated their Oracle databases from Oracle Cloud (IaaS) to AzurePostgres (PaaS) in South East Asia.
- ✓ Key features of the QMigrator Tool used are mentioned below
 - Database Assessment
 - Infrastructure Assessment
 - Schema & Code Conversion
 - Data Migration and Validation
- ✓ Performance Tuning



Tools and Technologies

Migration Tools/Technologies	Workloads
QMigrator	Webapps, VMs

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Collaboration

- ✓ Quadrant team collaborated with CBL to align with changing business requirements and timelines and new priorities getting added. Our team worked hand in hand with their front-end and testing teams to ensure the smooth execution of the project.

Benefits

- ✓ With QMigrator assessment the decision to migrate was made faster.
- ✓ Accelerated migration (2 months) with QMigrator.
- ✓ 57% reduction in migration cost compared to manual migration.
- ✓ 75% savings by migrating from Oracle to Azure Postgres per Year.
- ✓ Improved administration, scalability, and maintainability with Azure
- ✓ Harnessing Azure cloud benefits.

Migration Timeline

