

Case Study

Oracle to Azure PostgreSQL Migration using QMigrator

About Customer

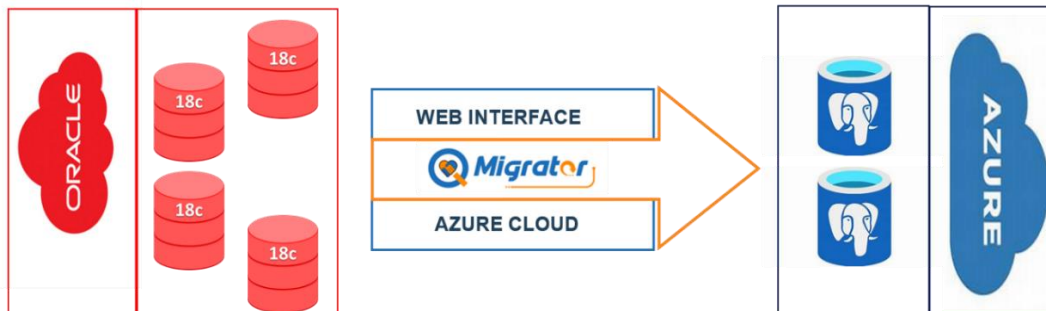
- ✓ Ceylon Biscuits Limited (CBL) is one of the largest food products manufacturers in Sri Lanka. Recognized as a technology and innovation-led producer the company has global presence across all continents.

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 do not want to expand their footprint with Oracle, so keen to migrate to OSS database before expanding their 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 QMigrator Tool we migrated their Oracle databases from Oracle Cloud (IaaS) to Azure Postgres (PaaS) in South East Asia.
- ✓ Key features of 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

Collaboration



<https://quadrantresource.com/qmigrator.php>



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

Benefits

- ✓ With Qmigrator assessment 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

