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CASE SNAPSHOT

From Oracle to PostgreSQL: Successfully migrating a billion-row database in six months

Client

Undisclosed international utility company

Challenge

Migrate a complex Oracle environment with very large data volumes and extensive partitioning, while maintaining the required application performance.

Approach

A migration approach tailored to the scale and structure of the database, with targeted partitioning and performance tuning in PostgreSQL.

Scope

Oracle tot PostgreSQL
40,000+ lines of PL/SQL
Tables containing more than 18 billion rows

Key results

- Successful go-live in approximately 6 months
- Required application performance achieved
- Very large data volumes migrated successfully
- New environment optimized through targeted partitioning

Outcome

A PostgreSQL environment capable of supporting very large data volumes at the required performance level.

Contact

michel.schopgens@splendiddata.com
+31 85 773 19 99

www.splendiddata.com
www.linkedin.com/company/splendiddata

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