splendiddata

Moving beyond Oracle without compromising performance

Client
Undisclosed online gaming technology company

The client

The client is a technology company operating in the online gaming and betting industry. It develops software for casino games, betting platforms and fintech solutions used by operators worldwide.

The organization serves a large international player base across multiple markets and relies on high-performance, real-time systems to support its products.

The challenge

Given the mission-critical, real-time nature of its player-facing platforms, maintaining uninterrupted business continuity throughout the Oracle-to-PostgreSQL migration was essential.

The Oracle database was part of a complex environment with multiple surrounding databases and applications. The new PostgreSQL database therefore had to fit into this existing landscape while meeting the required performance levels.

The Oracle database contained more than 60,000 lines of code and made extensive use of partitioning and sub-partitioning, primarily for performance reasons.

Key limitations included:

- Maintaining business continuity throughout the migration.
- Integrating PostgreSQL into the existing database and application landscape.
- Migrating more than 60,000 lines of Oracle database code.
- Achieving the required performance in PostgreSQL without simply reproducing the existing partitioning approach.
- Testing and tuning alternative approaches to performance optimisation.

The solution

Working closely with the customer, Splendid Data designed and implemented a migration approach tailored to the specific characteristics of the existing environment. Using Cortex throughout the migration, we migrated the Oracle database to PostgreSQL, including more than 60,000 lines of database code.

A significant part of the migration focused on performance tuning. Because the Oracle database relied heavily on partitioning and sub-partitioning, alternative ways of achieving the required performance in PostgreSQL were investigated, tested and tuned as part of the migration. Cortex enabled the team to efficiently iterate through these migration steps.

The work was carried out in close collaboration with the customer. In addition to supporting the technical implementation, this gave the customer's team hands-on experience with PostgreSQL and a better understanding of how it operated within their environment.

The business results

Approximately ten months after the start of the migration, the new PostgreSQL database and its surrounding environment went live successfully.

The required performance levels were achieved from day one. Despite the extensive use of partitioning in the previous Oracle environment, the final PostgreSQL implementation achieved better performance without relying on the same partitioning approach.

Key outcomes included:

- Successful migration from Oracle to PostgreSQL.
- Successful go-live approximately ten months after the start of the migration.
- Required performance levels achieved from day one.
- Better performance than the previous Oracle implementation without using the same partitioning approach.
- Increased PostgreSQL experience within the customer's team.
- Retirement of Oracle as the database platform.

With the successful go-live, the customer was able to move forward with PostgreSQL as its new database platform.

When can Splendid Data help?

Splendid Data is relevant when:

- Oracle licensing or support costs are under pressure
- Vendor lock-in is becoming a strategic risk
- Open source and digital autonomy are becoming more important
- A cloud migration or database modernization is on the agenda
- PostgreSQL is already in use, but professional support is needed
- An organization wants to assess which Oracle databases are suitable for migration
- An organization wants to accelerate and automate Oracle-to-PostgreSQL migrations using the proven Cortex solution
- An organization requires enterprise-supported PostgreSQL with PostgresPURE

Explore the possibilities of PostgreSQL for your organization

Let's discuss where PostgreSQL can add value within your organization, from Oracle migration with Cortex to supported PostgreSQL with PostgresPURE.

Get in touch
Michel Schöpgens
michel.schopgens@splendiddata.com
+31 6 54 34 30 89

About Splendid Data

Splendid Data was founded in 2013 and, as Oracle experts, we have focused entirely on PostgreSQL ever since, bringing its benefits to our customers and partners.

We're proud to help companies of every size, in every sector, find their way to digital freedom, flexibility and the power of PostgreSQL.

Contact

Splendid Data
Binnenhof 62a
1412 LC NAARDEN
The Netherlands

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

Michel Schöpgens
michel.schopgens@splendiddata.com
+31 85 773 19 99
+31 6 54 34 30 89

© 2026 Splendid Data

#022026EN

splendiddata