



Pharma Without Downtime: Oracle GoldenGate Powers Smooth Migration to Oracle 19c

Customer

Our client, a leading pharmaceutical distributor in Poland, operates a mission-critical logistics and supply chain platform built on a complex Oracle database ecosystem. Their existing Oracle infrastructure supported approximately 13TB of data but was becoming a bottleneck for innovation, performance, and compliance with modern IT standards.

Business challenge

The client's database environment was fragmented and outdated, preventing the adoption of modern applications and limiting scalability. Key challenges included:

- **Legacy System Constraints:** The obsolete database version impeded application development and slowed system updates, resulting in operational inefficiencies.
- **Fragmented Data Landscape:** Data silos across the environment hindered consistency and reduced the accuracy of business insights.
- **Licensing Limitations:** SE2 licensing restrictions complicated large-scale data migration and limited configuration flexibility.
- **High Downtime Risk:** The absence of a robust testing environment led to increased risk of crashes during updates and maintenance activities.

The objective was clear: migrate the entire database to Oracle 19c with minimal downtime, full data integrity, and no disruption to business operations.

Solution

To enable a smooth transition with minimal downtime, Goldenore implemented Oracle GoldenGate for real-time data replication between the legacy Oracle 11g system and the new Oracle 19c environment.

The migration process included:

- **Careful planning and architecture design**, ensuring compatibility between source and target systems.
- **Initial data load** using a static database copy, significantly optimized to reduce duration and risk.
- **Real-time replication** of changes during the transition period to keep both systems in sync.
- **Final cutover** performed during a planned maintenance window, including data validation, migration of excluded objects, and reactivation of application services.

By combining automation, replication, and precise execution, Goldenore ensured a seamless migration without disrupting business operations.

Results

The client successfully modernized their core database environment, achieving:

- **Seamless migration to Oracle 19c** with minimal disruption to operations
- **Improved system performance and scalability**
- **Elimination of legacy constraints**, enabling faster deployment of new applications
- **Stronger data consistency and operational resilience**

This project provided a solid foundation for future digital initiatives while ensuring uninterrupted support for the company's logistics operations.

Why Goldenore?

2013
founded

+100
active clients

5
countries

+50
skilled professionals

Since 2013

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