



From Silos to Seamless: Modernizing Data Systems for a Polish Retail Bank

Customer

Our customer is a Polish retail bank that provides simple, secure, and affordable financial services via one of the largest branch networks in Poland.

Business challenge

The client faced significant challenges due to outdated and fragmented legacy systems that disrupted new application rollouts and system updates, causing operational inefficiencies. Persistent data silos led to inconsistent information across systems, while the testing environment's regulatory restrictions caused crashes and downtime during updates. The architecture of the environment prevented rapid business development and opening up to new mobile technologies - sought and expected by customers.

Solution

- Oracle GoldenGate (OGG) was used for both Oracle and non-Oracle systems to facilitate a smooth, uninterrupted data flow process.
- Implemented various replication strategies, including:
 - Initial data loading for a seamless start.
 - Real-time online replication to ensure up-to-date data availability.
 - Delta-style replication for efficient incremental updates.
- A centralized Operational Data Store (ODS) was built to consolidate and unify data across disparate systems, enabling real-time access. This provided a single source of information for both operational and reporting purposes. The new data model allowed for building integrated perspectives around customer, product, and business line.

Results

- Real-time access to products and services significantly improved customer satisfaction and operational efficiency.
- A fully compliant testing environment with an anonymization layer allowed complete data access, ensuring accurate testing and eliminating errors during system updates.
- Online reports refreshed every two seconds provided instant insights, empowering faster and more informed decision-making.
- Consolidation of multiple data sources into a unified Operational Data Store (ODS) ensured consistent, accessible, and accurate information across systems.
- The implementation of real-time data replication resolved existing business continuity and data access challenges while laying the foundation for a transition to a fully data-driven enterprise.
- Consolidating data from MS SQL Server and Oracle databases into a single repository, streamlined operations and enabled seamless integration across platforms.
- The ODS real-time database now supports e-banking, mobile banking and reporting processes, ensuring consistent and reliable data availability.

Why Goldenore?

2013
founded

+100
active clients

5
countries

+50
skilled professionals

Since 2013

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Contact us to help you make your data work for you!