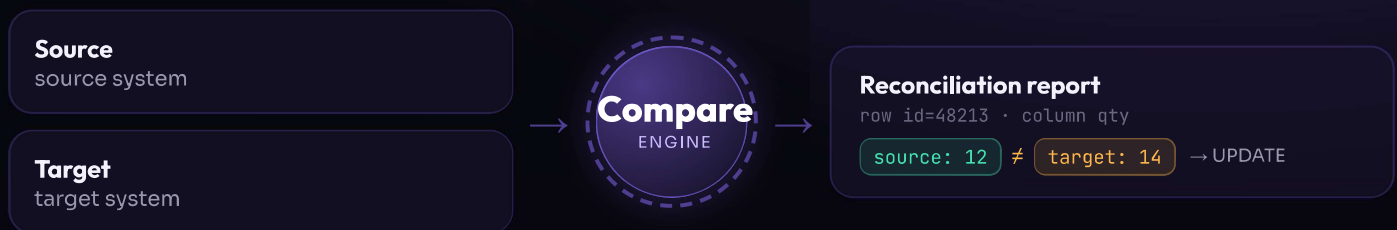


Reconciliation in the world of data

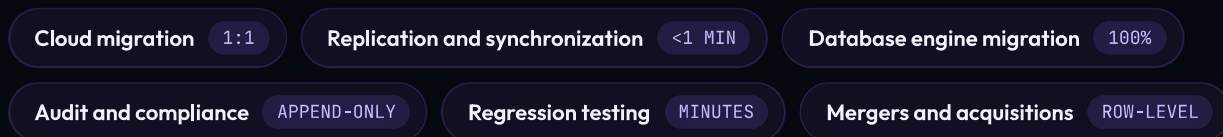
GIFRÖST DATA COMPARE verifies the correctness and consistency of data transferred between a source system and a target system. It compares data at row, key, and column level, identifies every discrepancy, and classifies it as an Insert, Update, or Delete.

It automatically generates audit-ready reports and can synchronize the target database by aligning its state with the source.

HOW IT WORKS



USE CASES



TYPICAL SCENARIOS

ORA → PG

SECTOR: BANKING & FINANCE

Central banking system migration to the cloud

A bank moves accounts and transaction history from on-premise Oracle to PostgreSQL in the cloud. COMPARE catches incorrect data type mappings and amount-rounding issues before production cutover.

- Safe cutover with no lost transactions.

LATIN1 → UTF8MB4

SECTOR: E-COMMERCE

Database character encoding migration

An online store standardizes product-description encoding as it expands into new markets. COMPARE checks text columns character by character, detecting corrupted data (mojibake) introduced during conversion.

- A consistent product catalog across all markets from day one.

OLTP → DWH

SECTOR: RETAIL / ANALYTICS

Data warehouse loading

A retail chain feeds sales data into a warehouse used for management reporting. COMPARE verifies data consistency before dashboards are published, ensuring that key metrics remain accurate.

- Management decisions based on reliable, verified data.

CDR → BILLING

SECTOR: TELECOMMUNICATIONS

Billing reconciliation

An operator synchronizes call detail records (CDRs) between the network and the billing platform. COMPARE detects discrepancies before charges are calculated, ensuring data consistency.

- Invoices reflect actual usage, reducing customer complaints.

SYS A → SYS B

SECTOR: INSURANCE

Policy consolidation after a merger

Following a merger of two insurers, policy and claims data is moved into a shared system. COMPARE verifies migration completeness, confirming that no data has been lost.

- Regulatory compliance and trusted data without manually reviewing thousands of policies.

EHR OLD → EHR NEW

SECTOR: HEALTHCARE

Medical records migration

A hospital moves patient data to a new EHR system. COMPARE checks the completeness and consistency of test results and treatment histories record by record before the data is released to medical staff.

- Trusted clinical data with no risk of information loss.