Gluesync

MOLO17

CUSTOMER SUCCESS

North American government modernizes its database infrastructure with Gluesync and Couchbase

Real-time two-way data pipelines from Microsoft SQL Server® & MongoDB® to Couchbase® NoSQL



A prominent government entity in Mexico has successfully integrated Gluesync, a cutting-edge database synchronization solution, enhancing data management and operational efficiency across various departments. The project is part of a path to modernize its database infrastructure, with Couchbase® NoSQL chosen as a highly scalable solution to serve a growing community with faster, modern services.

DATABASES INVOLVED

MS SQL Server
MongoDB 5
Couchbase 7

FEATURES

Real-time bi-directional sync

DATA SERVES

Citizen-facing apps
Back-office portals

> **Gluesync provides essential data replication capabilities to Couchbase customers for migrating workloads from legacy relational databases to Couchbase with real-time speed, scalability and flexibility.**
>
> **Matt McDonough**, SVP Business Development & Strategy, Couchbase (technology partner)

The client

The government is recognized for its comprehensive services and initiatives spanning sectors such as education, health, culture and sports.

One of the 32 federal entities of Mexico, it is dedicated to enhancing the lives of its citizens through numerous programs, including one that aims to ensure educational opportunities for all.

Project goals

The client was looking for a single solution that could gradually become the access point for every citizen-facing service, and Couchbase NoSQL was selected for this project thanks to its scalability and services portfolio.

By adopting Couchbase, the client set two main goals:

- Gradually decommission MongoDB, no longer suitable for new use cases;
- Bring to citizens data previously segregated in Microsoft SQL Server.

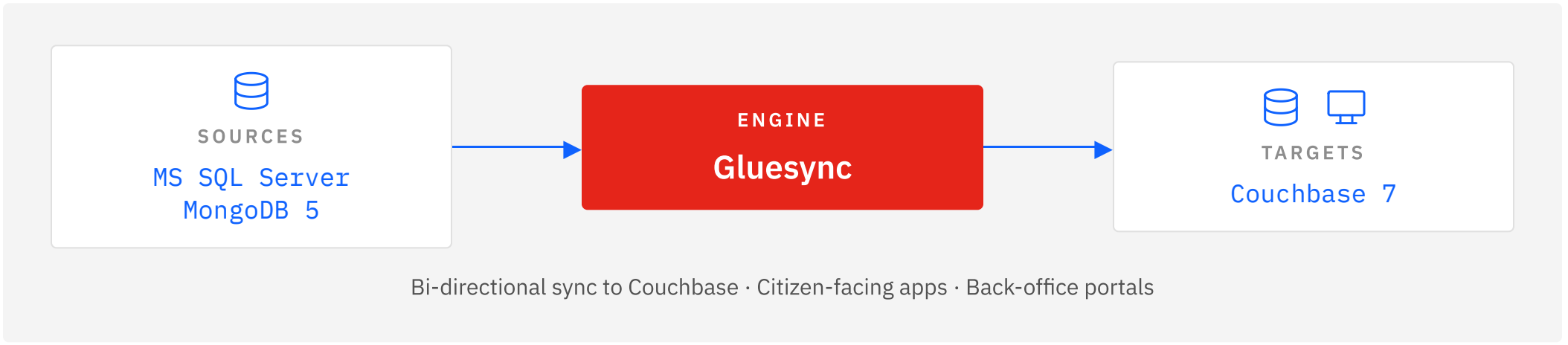
Why MOLO17 Gluesync was chosen

The client's technical team was looking for a Change Data Capture solution that would achieve the following objectives:

- Support for the Couchbase NoSQL database;
- Bi-directional synchronization capabilities;
- MS SQL Server support with no additional licenses;
- Support for syncing data from MongoDB 5.x.

After benchmarks and testing, in which the team challenged every feature of the application, the decision was made to move to production, as every goal set for the product had been effectively reached.

Gluesync's ability to natively support both NoSQL and RDBMS systems with complex data structures is still way ahead of competitors in the market, performance included.



Results

Two-way
real-time sync back and forth to Couchbase

3
databases connected: MS SQL Server, MongoDB, Couchbase

Real-time
data flowing with ultra-low latencies

On deploying Gluesync, the government was able to complete an accurate bi-directional sync back and forth to Couchbase.

The data replicated by Gluesync is used to feed citizen-facing apps and back-office portals, paramount to streamlining the adoption of public services.

Thanks to MOLO17 Gluesync, the client's technical team is able to provide a better user experience:

- Ability to plug & play new data pipelines to grow Couchbase data and use cases;
- Real-time bi-directional data sync with a low server-side resource footprint;
- Data flowing with ultra-low latencies.

ABOUT MOLO17 GLUESYNC

Gluesync delivers real-time, two-way, event-based data replication between major RDBMS, NoSQL databases and event streaming services. Its container-based architecture deploys easily, with a low-resource footprint and no oversight required.

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For more information on MOLO17 Gluesync™, please contact info@molo17.com

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