

CUSTOMER SUCCESS

g^{able}

Leader in digital solutions revolutionizes customer experience with new data intelligence platform

Future-proof data integration project to build a revolutionary CX data platform



Gluesync was the game-changer in our journey to real-time data integration. Its speed, reliability, and Kubernetes-native architecture enabled us to guarantee data consistency and integrity across systems—while exceeding expectations for performance and scalability.

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Databases and streaming involved

MS SQL Server 2019 (source)
Oracle 11.2g (source)
PostgreSQL 12 (source)
MongoDB 5 (source)
Aerospike 7 (target)
Kafka (target - messaging)

Features

Real-time sync with Aerospike
Load balancing
Cybersecurity via XDR
Ultra-low latency

Volumes

2 TBs Unique data | 60K to 100K TPS

Technology enabler and IT solutions provider G-Able was looking for a future-proof solution for one of its customers, the largest Thai telecommunication company. The goal was to provide a customer 360° platform, aiming to deliver aggregate information coming from a wide range of different data silos converging all into one single data platform to serve content for a new mobile application used by over 45 million users. All within a few milliseconds end-to-end.



The company

G-Able Public Company Limited (G-Able) is a Thailand-based tech enabler and IT solutions provider. It offers a range of IT services, including outsourcing, systems integration, and digital solutions to various industries, including energy and industrial, financial, telecommunication, media, retail, healthcare, and real estate.

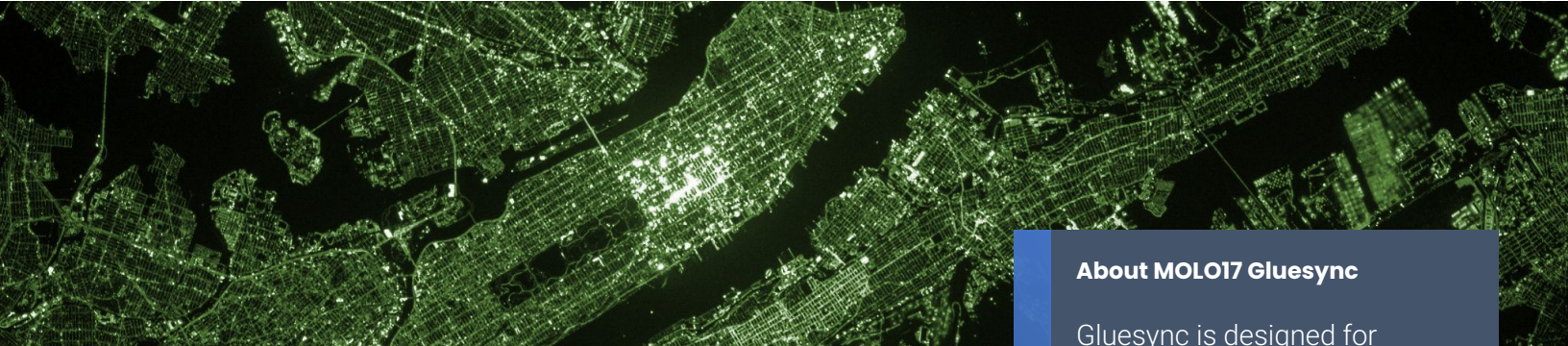
As a leader in the private sector of IT and digital solutions, G-Able partners with world-class companies to supply modern digital solutions.

Project goals

G-Able's customer needed to set new standards for its mobile application in terms of low latency data accessibility.

These were the challenges for the project:

- Data had to be transaction-proof for billing consolidation accuracy
- Strict SLAs for a service used 24/7 non-stop by ~45 million users
- End-to-End latency had to be within 10-45 ms avg. boundaries per transaction from source to target



Why MOLO17 Gluesync was chosen

G-Able partnered with MOLO17 and Aerospike to provide the best possible solution for its telco customer. Facing the challenge of delivering a high-performance, scalable platform to serve millions of users, G-Able selected Aerospike, a NoSQL database platform designed for high-performance, real-time transactional workloads and mission-critical applications. This platform met its need for sub-millisecond read/write capabilities, ensuring lightning-fast transactions.

MOLO17 Gluesync was chosen to provide a unique integration layer that seamlessly connects Aerospike with relational databases, and other NoSQL databases, enabling real-time data consistency across systems. This powerful combination allowed G-Able to deliver a flawless mobile application experience, meeting the customer's ambitious performance and scalability goals.



About MOLO17 Gluesync

Gluesync is designed for real-time event-based data replication. Particularly effective in replicating data between major Relational Database Management Systems (RDBMS) and NoSQL databases, Gluesync also supports replication between NoSQL databases and Event Streaming Services.

The key advantage of Gluesync is its ability to perform real-time, two-way data streaming and replication. In addition, Gluesync's unique container-based architecture makes it easy to deploy with a low-resource footprint with no oversight required.

Results

On deploying Gluesync, G-Able was able to complete an accurate offloading of approximately 5 TBs of data coming from MS SQL Azure, Oracle Database, MongoDB and PostgreSQL all in a timely fashion thanks to the Gluesync's ability to perform fast and parallelized data movement tasks. The data replicated by Gluesync is used to feed G-Able's customer user-facing mobile app, APIs and Kafka queues.

Thanks to MOLO17 Gluesync, G-Able's customer is now running an ultra-fast, robust mobile solutions that enhances the user experience:

- Data flows with ultra-low latencies;
- New pipelines can be easily created;
- Gluesync support for Kubernetes improves scalability, high availability, resource efficiency, and portability;
- A disaster recovery site is in place to take over if the Primary Domain Controller (PDC) fails.

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



MOLO17

Connecting world's databases in real-time

