Gluesync

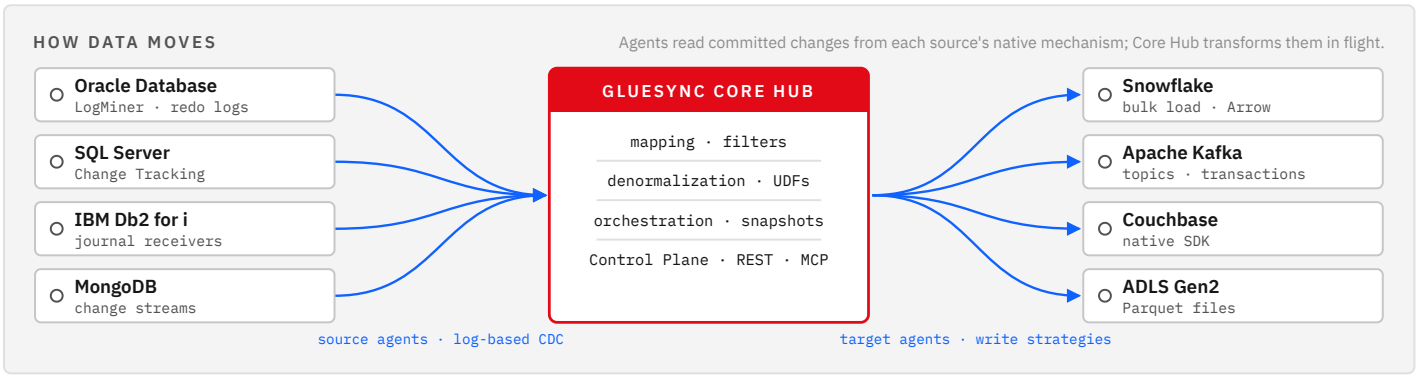
powered by MOLO17

DATASHEET · GLUESYNC 2.3

Real-time data integration platform for time-critical use cases.

New business use cases keep raising the demand to move data in real time between platforms that were never meant to talk to each other. Gluesync moves that data as it changes, implementing **Change Data Capture (CDC)** with an event-based approach.

We at **MOLO17** have 12+ years of experience bridging gaps between platforms that were not meant to talk to each other; **Gluesync™** is the platform born from that experience.



One platform to conquer all use cases, in real time

Analytics · IoT · AI · Data lake · Audit · Data warehouse · Offloading · Caching · Migration

Gluesync is designed for real-time, event-based data replication. It is particularly effective between major Relational Database Management Systems (RDBMS) and NoSQL databases, and it also replicates between NoSQL databases and into event streaming services.

Its key capability is real-time, **two-way** data streaming and replication: pipelines can run bidirectionally with recursion protection, so a change never loops back. One source can also fan out to several targets.

Gluesync's cloud-native, agent-based architecture makes it easy to deploy with a low-resource footprint and no oversight required. No vendor-owned data store sits in the path.

Gluesync empowers organizations to increase digital innovation by breaking data free from silos.

Integrate with no limits

Bi-directional sync wherever both sides run as source and target, plus real-time delivery to analytics and streaming targets:

- **RDBMS**, including data warehouses
- **NoSQL** and key-value stores
- **Big data & data lakes** `target`
- **Event streaming** services `target`
- **REST APIs** via Courier `source + target`

Heterogeneous data integration

Rows and columns from an RDBMS do not map directly to NoSQL document structures, and Kafka messages do not map directly to data warehouse requirements. Core Hub bridges the gap in flight with field mapping, filters, denormalization, field functions and user-defined functions.

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EASY CONFIGURATION AND INSTALLATION

Up and running in no time, tuned from one Control Plane.

Gluesync moves data to where it's needed, in real time, securely and reliably, **reducing stress on critical legacy systems**.

Every component ships as a **container image**: Linux with Docker, Podman or Kubernetes (with the Gluesync Kubernetes Operator), Windows Server with native images and no WSL. Fully on-premises, in any cloud, or hybrid.

From the **web-based Control Plane** you configure pipelines, fine-tune performance through configuration parameters and follow throughput, health and alerts. Prometheus and Grafana metrics ship with the platform.

Replicating data between databases with Gluesync delivers **performance**, **scalability** and **consistency**.

Security built in: TLS on the Control Plane and agent APIs, optional AES-256 node-to-node encryption (Enterprise license with Advanced Security), local accounts or OIDC sign-in with role-based access control. All operations are performed via vendor-native SDKs whenever possible.

POINT-IN-TIME RESTART · NEW IN 2.3.2

"Can we just replay everything since Tuesday at 14:00?" Now you can, with no snapshot and no long night.

Pick a past date and time, or a native source position (SQL Server LSN, Oracle SCN, MySQL binlog, MongoDB resume token…). Gluesync replays every change since that point and writes it as upserts, so the target is repaired instead of stopping on rows it already holds.

docs.molo17.com · release notes 2.3.2.0

New in Gluesync 2.3

Disaster recovery
A standby Core Hub on a second site, ready to take over.

Query Forge & Query Studio
Federated SQL over JDBC and ODBC (Excel, Power BI, Tableau), PII masking at read time.

AI Studio & Core Hub MCP server
Bring your own LLMs; external AI clients use Core Hub tools under RBAC.

Courier: REST in both directions
HTTP source and target: pipelines receive and call REST APIs.

Speedy deployment

Quickly configure and deploy a lightweight, standalone, executable package.

Runs everywhere

From any cloud or on-prem environment, connects to on-prem and cloud databases.

High performance

Replicates only changed data (CDC) for real-time results.

Scalable

Increase resources per node, or add containerized components.

80+ integrations across databases, streams, files and APIs

● source & target ○ target ◐ source ◌ coming soon

RELATIONAL DATABASES 38

IBM Db2	● Db2 for i (AS/400) · ● Db2 LUW db2ReadLog · ● Db2 LUW triggers
MariaDB	● Amazon RDS · ● MariaDB
MySQL	● Amazon Aurora · ● Amazon RDS · ● Azure Database · ● Google Cloud SQL · ● MySQL · ● Oracle Cloud MySQL
Oracle	● Amazon RDS · ● Autonomous Database · ● Autonomous DW · ● LogMiner · ● Triggers · ● XStream
PostgreSQL	● Amazon Aurora · ● Amazon RDS · ● Azure Database · ● EDB Postgres · ● Google Cloud SQL · ● PostgreSQL
SAP	● ASE (Sybase) · ● HANA · ● SQL Anywhere
SQL Server	● Amazon RDS · ● Azure SQL Database · ● Azure SQL Server · ● Azure Synapse · ● Change Tracking · ● SQL Agent logs
Other	○ CockroachDB · ○ Databricks Lakebase · ● Informix · ○ SingleStore · ○ Supabase · ● YugabyteDB

DATA WAREHOUSES & LAKEHOUSES 9

○ Amazon Redshift · ○ ClickHouse · ○ Databricks · ○ Google BigQuery · ○ Greenplum · ○ Microsoft Fabric Open Mirroring · ○ Snowflake · ● Vertica · ○ WarehousePG

NOSQL & SEARCH 14

Couchbase	◐ DCP · ● Eventing
Other	● Aerospike · ● Amazon DynamoDB · ● Apache CouchDB · ● Azure Cosmos DB · ○ Cassandra · ○ Elasticsearch · ○ GridGain · ● MongoDB · ○ OpenSearch · ○ RavenDB · ○ Redis · ● ScyllaDB

OBJECT STORAGE & FILES 11

File stores	○ FTP/FTPS · ○ NFS · ○ SFTP · ○ SMB/CIFS · ○ WebDAV(S)
Formats	○ CSV · ○ JSON · ○ Parquet
Object stores	○ Amazon S3 & S3-like · ○ Azure Data Lake Storage Gen2 · ○ Google Cloud Storage

STREAMING & APIS 5

○ Apache Kafka · ○ Google Pub/Sub · ● HTTP/HTTPS · REST APIs (Courier) · ○ Redis Streams · ○ Solace PubSub+

COMING SOON 3

◌ Apache Iceberg · ◌ CrateDB · ◌ Neo4j

MOLO17 offers **professional services** for replication setup and go-live, turnkey or by enabling your team and partners.

Integrations: union of docs.molo17.com/gluesync/latest/introduction/supported-integrations.html and molo17.com/integrations (Nov 2026), counting capture agents, managed services, file formats and protocols. Variants are grouped under their platform: 77 available today, plus connectors coming soon.

SEE GLUESYNC ON YOUR STACK

Book a demo

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Docs: docs.molo17.com →

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