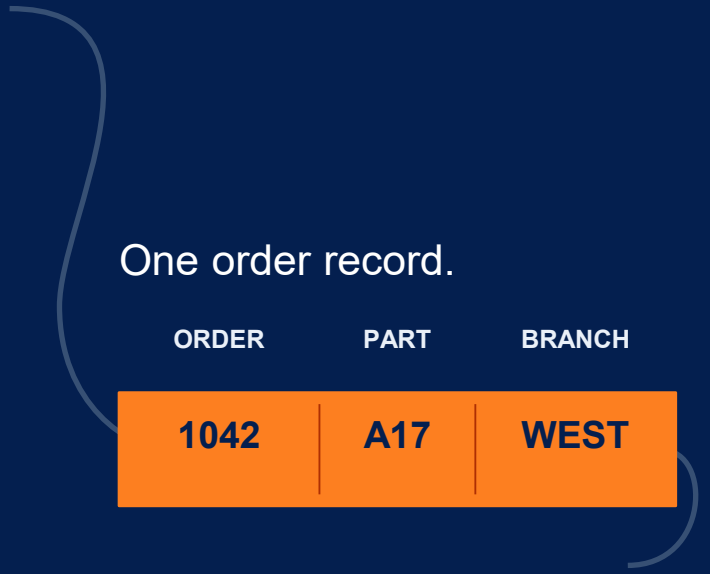
GantrySQL

Your database. Your terms.



Jeff Greene, CTO

50 years of Synergex. A new foundation for what comes next.

1976
Company founded

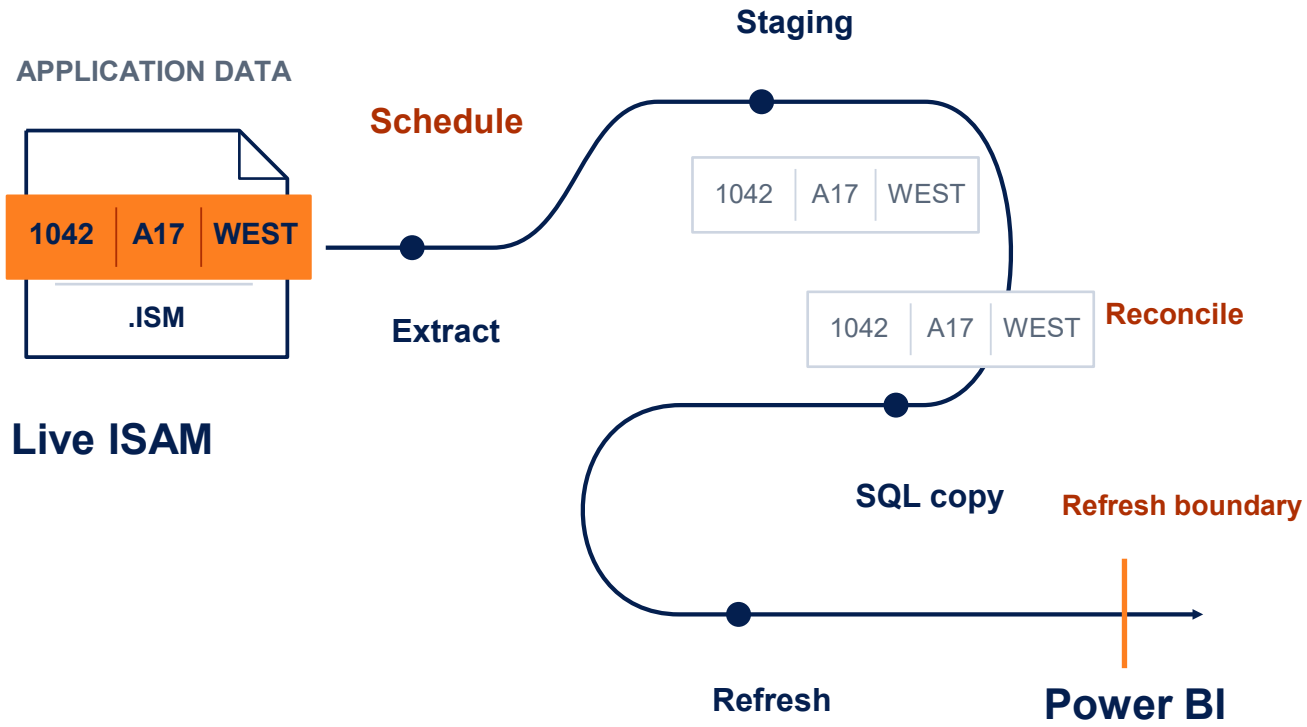
1996
SQL access

2013
ISAM Rev 6

2026
GantrySQL

The question is simple. The route to the data isn't.

"Can this report use today's orders?"



"They all want to start using Power BI, and it always just feels like a hack to go ISAM to data replication, ODBC, all that world.

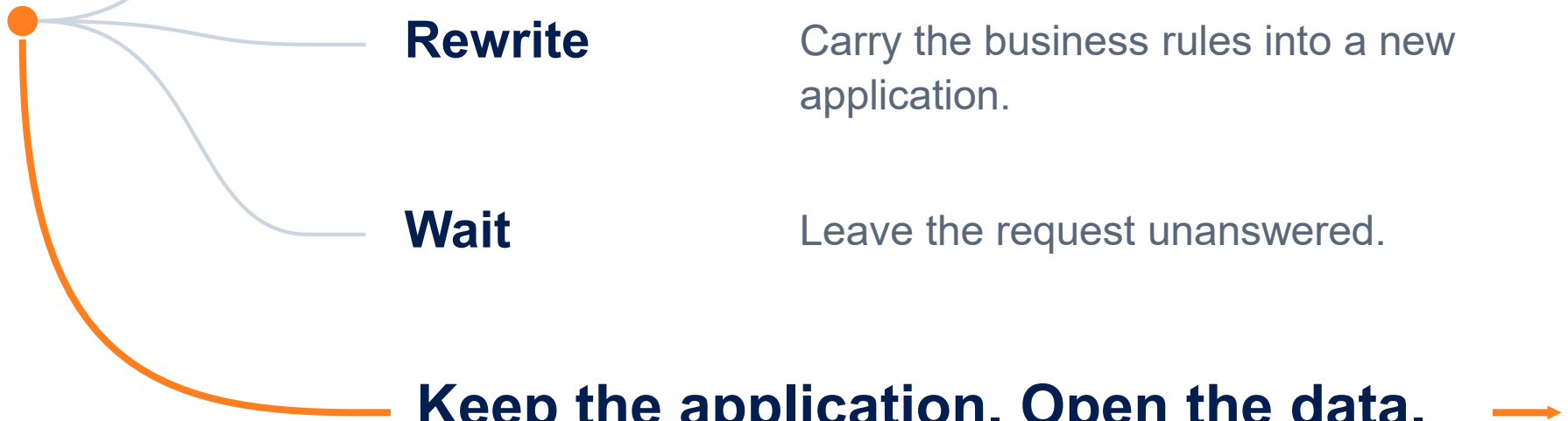
Our customers want an agent that they just say, run this report for me."

Lead developer at a long-time Synergy ISV

Illustrative replicated reporting path. Live access can avoid a copy; every integration still needs a path to the data.

A new capability.
Without a new application.

A report.
An integration.
A new idea.



Replicate — Own another database and the transfer.

Rewrite — Carry the business rules into a new application.

Wait — Leave the request unanswered.

Keep the application. Open the data. →

Start with a useful change to the data path, while the business knowledge stays in your application.

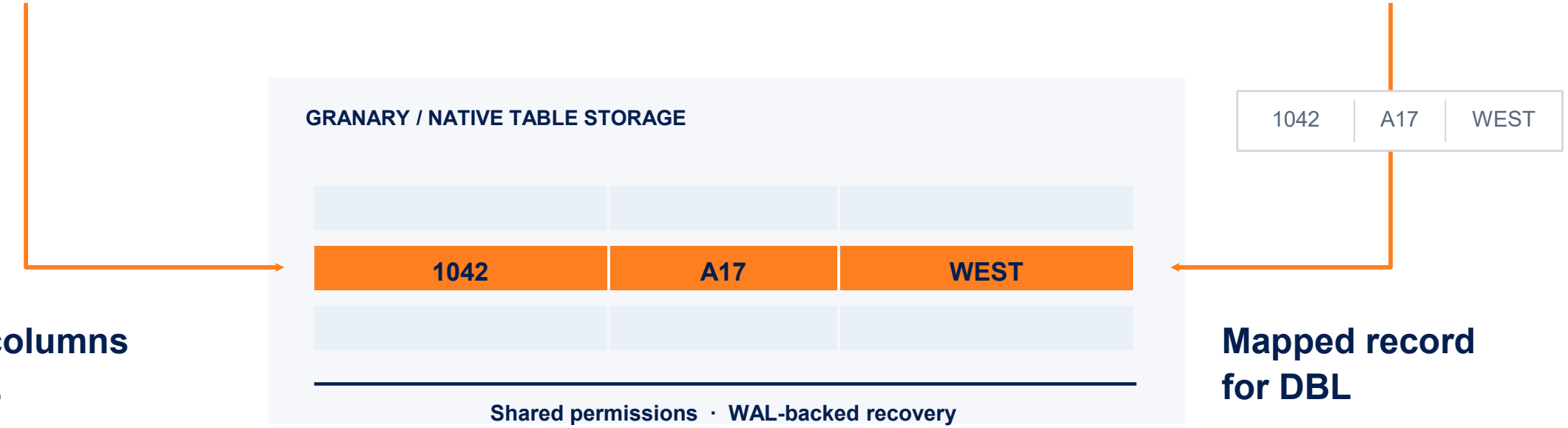
One building. Two doors.

SQL tools + new applications

`SELECT · PostgreSQL drivers`

Your Synergy DBL application

`OPEN · READ · STORE · WRITE`



Typed columns for SQL

Mapped record for DBL

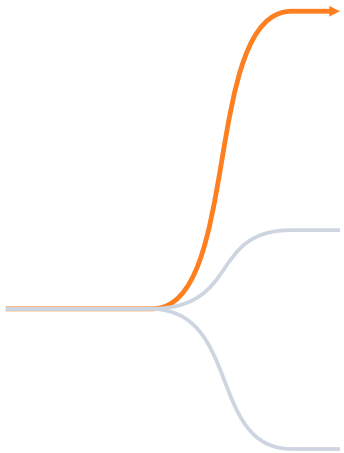
One set of native rows. SQL and record interfaces retain their respective transaction and visibility semantics.

A familiar front door.
A much larger toolbox.

Start from a familiar schema.

```
inventory
─────────────────────
part_id      text
warehouse    text
on_hand      integer
```

POSTGRESQL WIRE · SQL · CATALOGS



Explore	psql / DBeaver
Build	.NET / EF Core · Python / JDBC
Report	Power BI / Grafana

Schema → EF Core scaffolding → C# models → a familiar place to begin

PostgreSQL 18 compatibility surface. Reusable PL/pgSQL logic. Evaluate each tool with the workflow you need.

One order. Five useful questions.

1042 | A17 | WEST

The application records an order. The questions keep going.

01 / ALLOCATE

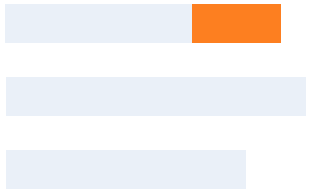
40 → 36

Order: allocated

Can we commit the inventory?

SQL transactions

02 / SUMMARIZE



West + this order

What changed for West?

Live summaries / HTAP

03 / LOCATE

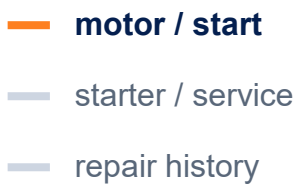


Nearby warehouse

Who has stock nearby?

Spatial SQL

04 / SEARCH

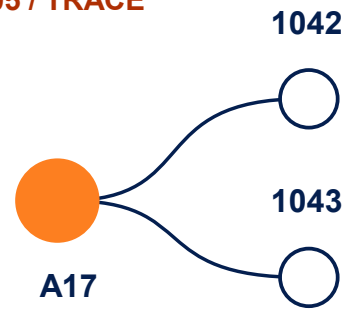


Rank candidate notes

Which note helps us?

Text + vector search

05 / TRACE



Which orders depend on A17?

SQL property graphs

One database can answer more of the questions. Locations and summary marks are illustrative; embeddings are supplied by the application.

Order 1042.
One psql session.

1042	A17	WEST

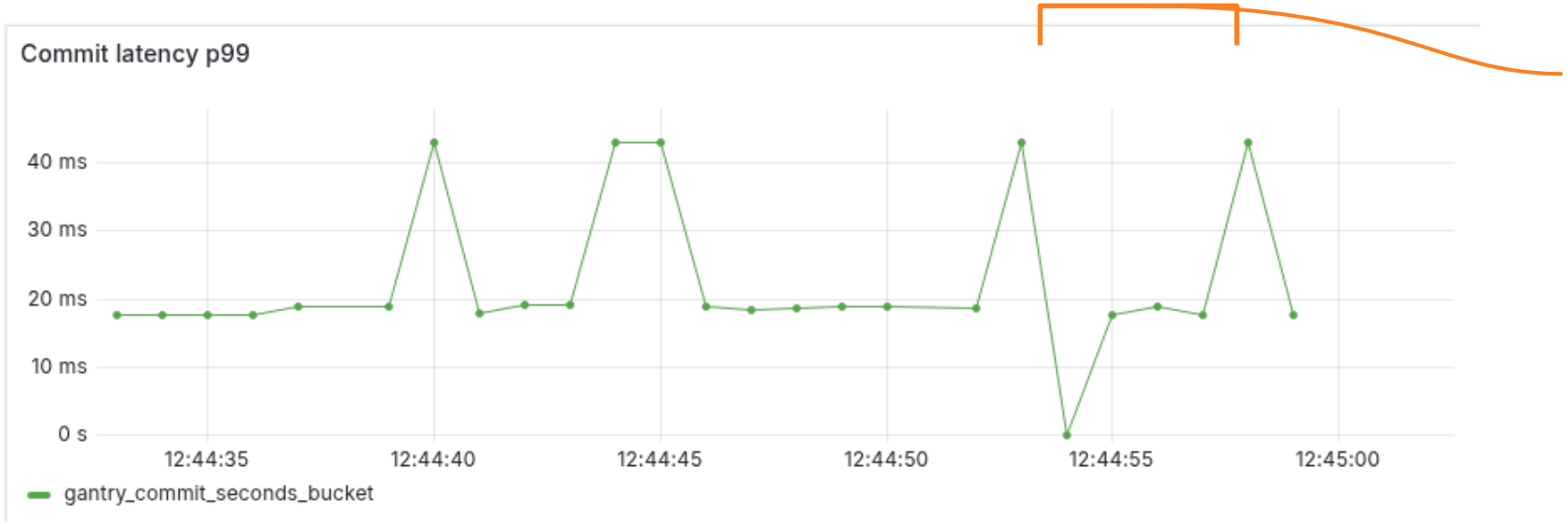
```
gantrysql=>
```

Allocate / Summarize / Locate / Search / Trace

The same business data, with more questions within reach.

At 3 a.m., start with what happened.

TRANSACTIONS & LOCKS / SUPPLIED GRAFANA DASHBOARD



When did it change?

Select the interval.
Inspect captured statements.

Keep watching.

Configure alerts for the patterns that matter.

Statements · transactions · logs · metrics

Authentication on by default

Configured datafiles + spill limits

Six supplied dashboards

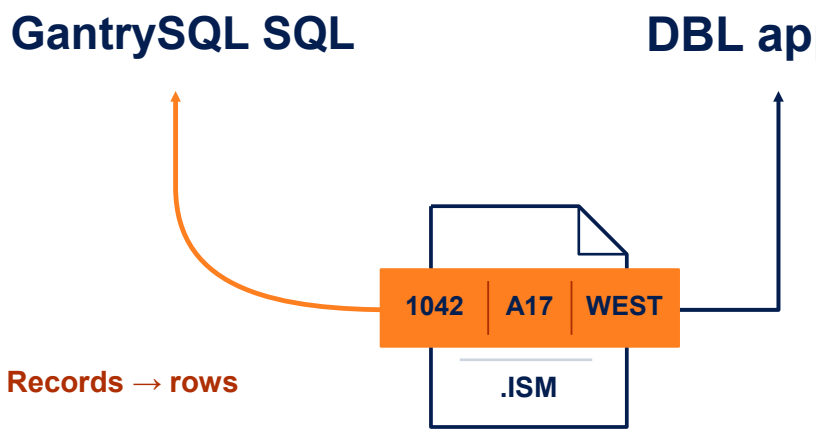
Actual local demo telemetry. Standalone SQL history; configured capture, retention and alert rules. Grafana runs separately.

Two steps forward.
Your application comes with you.

INCLUDED FOR EXISTING SYNERGY WORKLOADS

1 / The xfODBC replacement

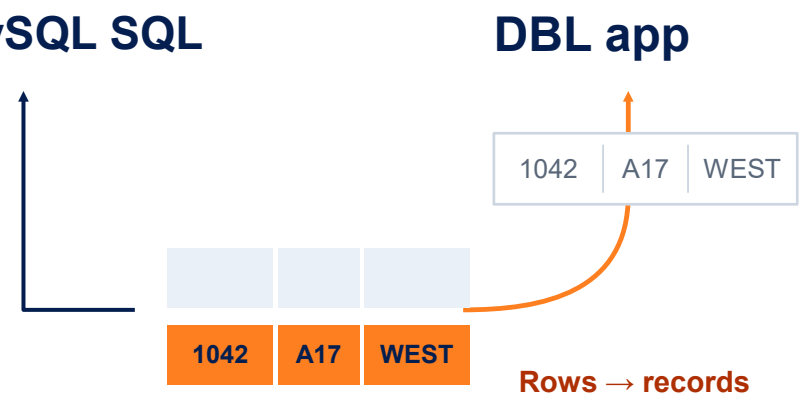
Shipping now



Durable data: your existing ISAM files

2 / ISAM Rev 7

xfServer: v10+ · native protocol: coming in 12.6

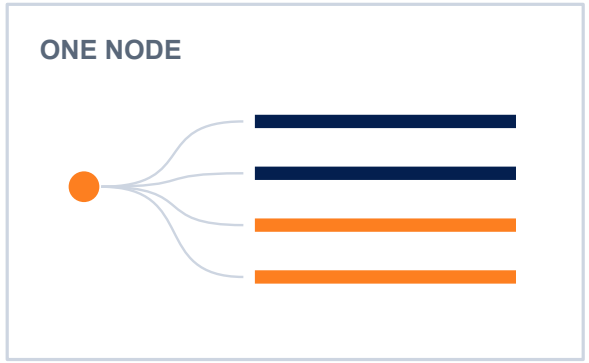


Durable data: native GantrySQL table rows

The mapping describes the same record layout in opposite directions. Validate mapping, keys, locking and access behavior.

Start with one useful workload. Leave room to grow.

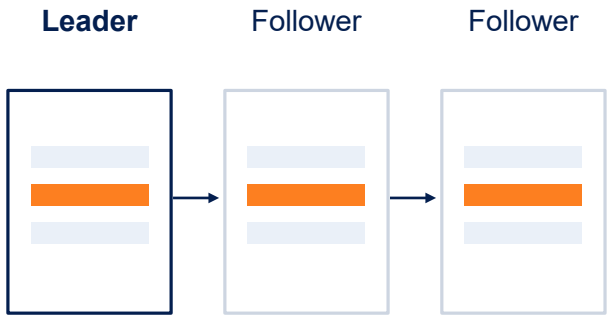
Scale up



Eligible query work → worker lanes

More parallel work inside one node

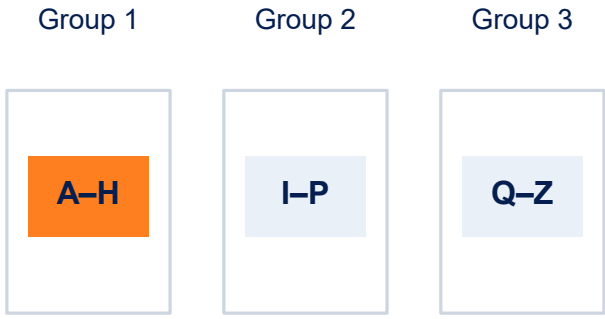
Replicate



One write leader · quorum failover

The same data on surviving nodes

Distribute



Explicit range splits and moves

Different ranges across owner groups

PostgreSQL logical replication: publish and subscribe to connect with PostgreSQL systems.

Fifty years of extraordinary engineering support. Now behind GantrySQL.

Bring your workload.

EXAMPLE / THE BRANCH REPORT

```
SELECT region,
       SUM(amount)
FROM sales
GROUP BY region;
```

The SQL. The data shape.
The behavior you see.

Work with the builders.

Engineers who build GantrySQL also answer support questions.

Scan ⟶ Aggregate

Reproduce · inspect · measure

Find the work behind the query.

Act on the cause.

AS THE INVESTIGATION REQUIRES

- **An engine change.**
- **A better default.**
- **A clearer answer.**

Your question can change the product.

The engineering partnership you know, brought to a new database market.

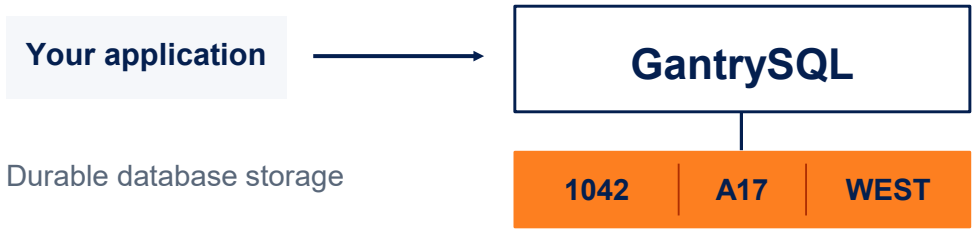
SYNERGY 2026 DEVPARTNER CONFERENCE

Run it where your business runs.

Your infrastructure

PHYSICAL SERVERS / VMs

One node can run on its own.

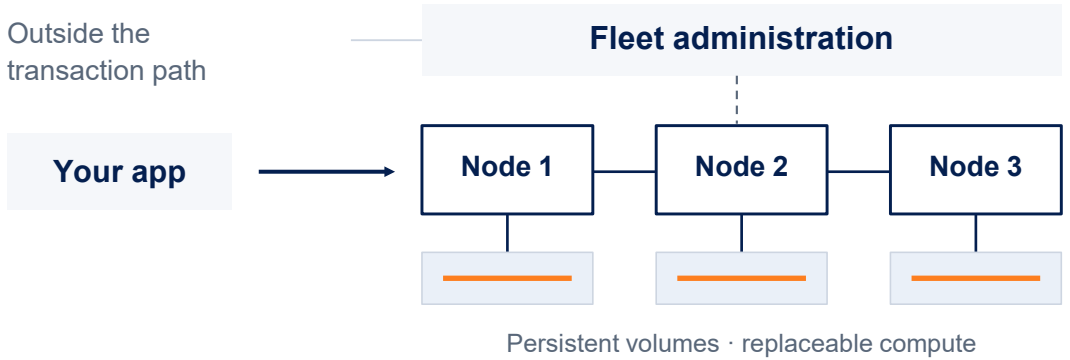


Windows: standalone / Linux: standalone or replicated

Your cloud account · BYOC

YOUR PRIVATE NETWORK

AWS EC2



3-node replication group in your AWS account

INSTALLATION & LIFECYCLE

Native packages

Linux RPM / DEB · Windows MSI

OCI containers

Mount persistent volumes

Kubernetes operator

Node lifecycle + rolling upgrades

CONFIGURED BACKUP + RECOVERY Base backup + archived history → **Restore to a chosen recovery point**

Object storage · Single-group PITR; sharded restore uses published snapshots

Your database. Your terms.

$3,800

per year
per 2 worker-core pack

Every enterprise feature.
Engineer support included.
One product. No editions.

Paid-use rights require
an active subscription.

Source you can inspect.
A published path to open source.

Free standalone production
up to 8 workers per node.

Unlimited development and test.

Offline activation · Worker capacity and compliance visible in SQL

THE SOURCE-LICENSE TIMELINE



BUSL 1.1 · source available

AGPLv3

The three-year source conversion follows each major version's first GA, patches included.

Your next chapter starts with what you've built.

Bring the question you've been putting off.

Thank you for fifty years. Let's build what comes next.

WED · 10:45 AM

xfODBC

A better path to your reports

WED · 4:00 PM

ISAM Rev 7

A new foundation for the records

THURSDAY

Harmony Core

The next application capability

Q4 2026: xfODBC rollout + Rev 7 beta / 2027 plan: Rev 7 GA + ClickBench / TPC-C workload results