

Transactions, Analytics, Vectors, AI: It's all just SQL with RegattaDB

AI Agents and apps need instant access to the current state and complete context of the business so they can reason and then transact in real-time. Legacy databases were simply not built for these workloads.

RegattaDB rethinks the database as a storage solution and builds on primitives that efficiently solve the hard challenges of fast, reliable access to scale out data without conflict and without compromise. It delivers high performance, scale-out, analytical insights and consistent transactions at the same time, in a single database, efficiently and reliably.

Extremely efficient, scale-out distributed transactions

A distributed database can scale linearly and deliver resilience in the face of network and hardware failures. All others employ multiple replicas and costly consensus algorithms to guarantee transaction isolation. RegattaDB implements a patented transaction/concurrency control model that guarantees serializable isolation within a distributed environment, without the need for the traditional overhead.

High performant, Complex Analytics on Live Transactional Data

RegattaDB allows for distributed analytical queries (OLAP) to be executed on live operational data, at the same time within a single database that is also guaranteeing transactions (OLTP). This means you can get up to the second insight without the need for batch jobs and ETL to tie systems together.

Constructs for Translytical AI: ad-hoc queries, vectors and MCP

The database allows AI agents and any individual to “dream up” ad-hoc queries as they are needed in real-time and execute them on live transactional data without knowledge of indexes or database constructs. And the native MCP server allows the use of natural language to ask questions of the live data . Finally, the database includes distributed vector data capabilities that can be used within this context of live transactions.

AI needs Speed, Scale and Efficiency

No matter the use case, RegattaDB can help you execute real-time live analytics, simplify and reduce costs of your existing data architecture and allows you to scale your AI workloads efficiently.

SPEED

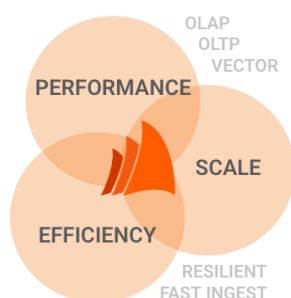
Consume millions of transactions per second AND perform complex distributed queries across billions of rows of live data in seconds.

SCALE

Start with a small single node and scale linearly to billions of rows across many nodes.

EFFICIENCY

Consume a minimal amount of compute and storage capacity as compared to other OLTP and OLAP databases.



Get Started with RegattaDB Today

Regatta DB gives you higher transactional performance on a smaller footprint, and execution of complex queries on up-to-the-second transactional data. You can scale more efficiently and dream of applications that were once impossible.