

SingleStore for Financial Services

Delivering Real-Time Insights with SingleStore



5 OF THE TOP
10 BANKS
are powered by
SingleStore

ADOPTED BY LEADING FINTECHS

iex
cloud

SoLo

KURTOSYS

dailyVest

Bitwyre

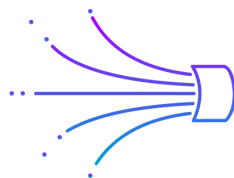
Financial services organizations are some of the world's most effective users of data and analytics, all used to fuel innovation, improve customer experience, and lower fraud and risks. Today's digital transformation initiatives that leverage massive sets of data with fast analytics are creating enormous value for banks, asset managers, analysts, and advisers.

However, that ongoing demand to push the boundaries on faster and real-time insights has exposed the limits of legacy data architectures. The requirements for use cases such as dynamic customer experiences, algorithmic trading, real-time portfolio analysis, and on-the-swipe fraud prevention are no longer being effectively served by legacy architectures.

SingleStore helps power data innovation and insights for half of the top 10 banks in North America, capital markets firms, and a number of fast-growing FinTechs around the globe. We offer a next-generation **unified database** for **fast analytics** on any data, anywhere to provide the speed, scale, and agility that financial service organizations need today to power some of the most compelling use cases.



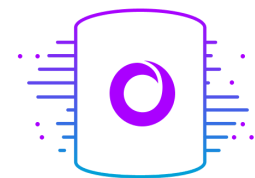
Real-Time & Historical Analysis
in a Single System



Streaming Ingest to Handle
High-Volume, High-Velocity Data



Ultra-Fast Performance
with High Concurrency



Transactional & Analytical
Workloads in a Single System

Dynamic Customer Experiences

The ability to simultaneously analyze real-time interactions, along with transaction history and to respond in real-time across any channel

- **Single Integrated Platform:** Transactions and analytics in one unified platform
- **Streaming Ingestion:** Discover insights on fast-changing data with real-time ingestion
- **Fast Analytics:** Power analytics and recommendations in real-time

Portfolio Analytics & Dashboards

SingleStore delivers sub-second refresh of a dashboard with real-time data, including multiple tables and charts, even for large portfolios.

- **Low-Latency Queries:** Interactive query response time through scale-out
- **Scalable User Concurrency:** Grow concurrency using industry-standard hardware
- **Drop-in Compatibility:** Broad tool support through standard SQL and APIs
- **Fast SQL:** Vectorized and compiled query performance with sub-second response

Real-Time Fraud Analytics

In this era of global finance, vigilance against fraud is more important than ever. Our customers use SingleStore to build real-time fraud analytics applications with fast SQL query capabilities and spatial data management.

- **Streaming Ingest:** Ingest millions of events in real-time
- **Real-Time Threat Detection:** Query live data to identify threats
- **Fast SQL:** Parallel query processing with sub-second response times
- **MySQL Wire Protocol:** Interoperate with existing apps and platforms

Data-as-a-Service

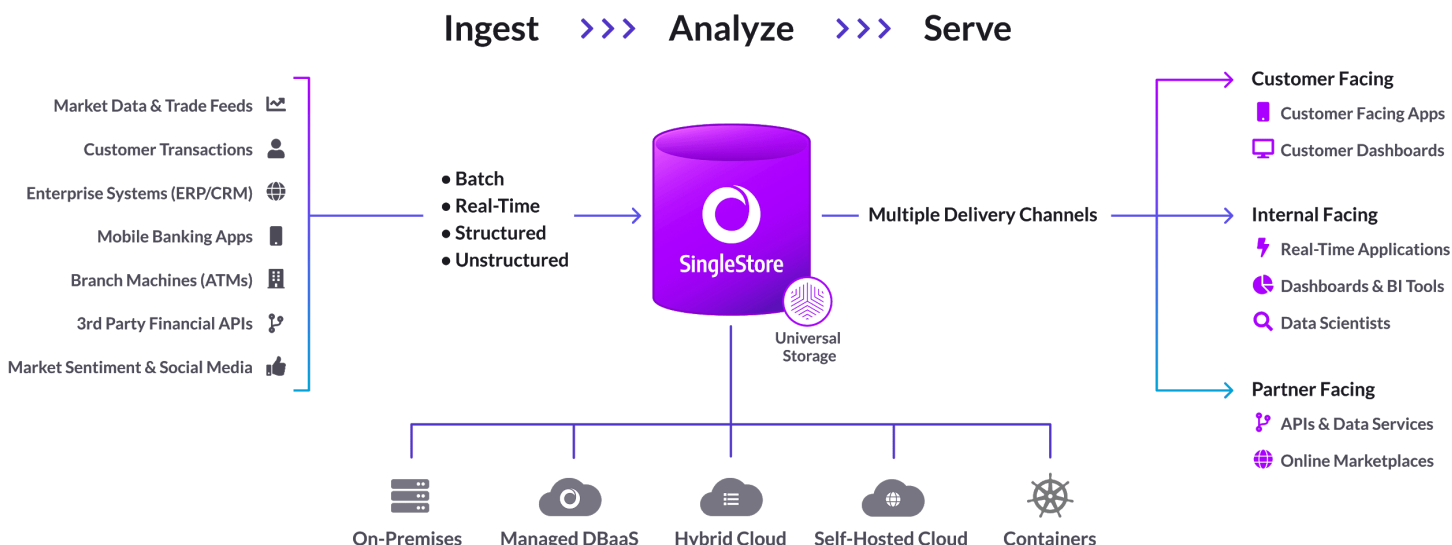
SingleStore powers Data as a service (DaaS) platforms, a data management strategy that uses the cloud to deliver data storage, integration, processing, and/or analytics services.

- **Real-Time Insights:** Ability to turn real-time data into actionable insights
- **Low Latency Analytics:** Sub-second query response time for complex analytics
- **Real-Time Ingest & Queries:** SQL ensures latest events are calculated
- **Performance at Scale:** Deliver reliable performance as you scale-out

SingleStore - A Unified Database for Fast Analytics

SingleStore is built from the ground up as a distributed, highly-scalable, unified relational database that can deliver maximum performance for both transactional and analytical workloads delivering 10x the performance at 1/3 the cost compared to legacy infrastructure.

With SingleStore, financial services organizations are able to ingest and aggregate millions of events or transactions every second, and do real-time processing and analytics (with sub-second latencies) on petabytes of data. The analytics and data can then be served, in real-time, to power a variety of use cases across external customer facing applications, internal operational applications and dashboards, and also interfaces to partner facing applications and online marketplaces.



TOP 5 WEALTH MANAGEMENT SERVICE

SingleStore is powering **wealth management dashboards** for one of the Top 5 North American financial services companies to over 40,000 concurrent high networth wealth management clients. SingleStore's scalability and support for fast, SQL-based analytics, together with high concurrency, mean that it's well-suited to serve as the database behind these highly interactive tools.

[Learn More >](#)

GLOBAL INVESTMENT BANKING FIRM

SingleStore enables a top global investment banking firm to **analyze risk metrics** for their portfolios, trading departments, funds, and individual client portfolios, in real time. The SingleStore powered solution tracks portfolio risk using high-speed joins of position risk, index and fund composition, and other risk factors. Impacts included a dramatic improvement in performance with additional risk capabilities all the while reducing costs.

[Read Case Study >](#)

TIER 1 US BANK

SingleStore powers "**on the swipe**" **credit card fraud detection** for a major US Bank. SingleStore enables 70+ sophisticated fraud detection queries to be run in real-time to detect Fraud in under 50ms. Moreover, its standard SQL interface enables developers to quickly add new features for continuous optimization of those models.

[Read Case Study >](#)

iex cloud

SingleStore **powers the IEX Cloud platform** that enables developers to build financial apps – with ease. Their curated financial data services provide institutional grade data, including real-time and historical prices on 95,000+ securities, fundamentals, forex, crypto, and more - all in one API. With SingleStore, IEX Cloud runs real-time analytics on more than 400,000 events per second for 100,000 users

[Learn More >](#)

Ready to Get Started? Try SingleStore for Free Today >>>