

# 8 Steps to Modernize Your Financial Services Data Architecture

To deliver a modern customer experience, you need a modern database architecture. **Discover how a resilient, high-performing, cloud-native database can help you** meet customer demands and drive business growth.

## 1 Map Your Legacy Bottlenecks

Pinpoint the exact monolithic database constraints (scaling limits, fall-over gaps, maintenance overhead) that are blocking your innovation and growth — enabling laser-focused modernization rather than guesswork.



## 2 Define Compliance Requirements

Architect for data residency and risk mitigation upfront to ensure your new architecture delivers the required uptime and regulatory compliance, and your database meets global and regional compliance regulations.

## 3 Build for Resilience

Improve resiliency and avoid redundancy with geodistributed data centers that support relational data model and ACID-compliant transactions.



## 4 Architect for Simplicity and Scale

Choose a cloud-native, distributed SQL database to avoid vendor lock-in and the need to manually re-architect — simplifying operations and reducing costs while delivering global scalability and ultra-resilience.



## 5 Adopt Proactive Geo-Distribution and Sharding Strategies

Leverage proactive geo-distribution and sharding to deliver ultra-low latency and transactional consistency for global customers, making it easy to unlock new markets without compromising performance.



## 6 Streamline and Automate Database Migration

Minimize business disruption, limit operational and migration risks, and build confidence by implementing automated and streamlined database migration processes.



## 7 Enable Access to Real-Time Data

Architect for speed, resilience, and flexibility with a multi-cloud, multi-API distributed SQL database, enabling insights and data to be delivered in real-time for fast, accurate, and effective interactions.



## 8 Automate and Optimize Performance

Create a flexible, horizontally scalable architecture that automatically meets growing transaction volumes, ensuring the financial services you deliver are fast, reliable, and secure.



Ready to Transform Your Platform?

Download the [Database Architect's Guide to Distributed SQL for Financial Services](#) to learn more, or [schedule a personalized demo](#) to see YugabyteDB in action.