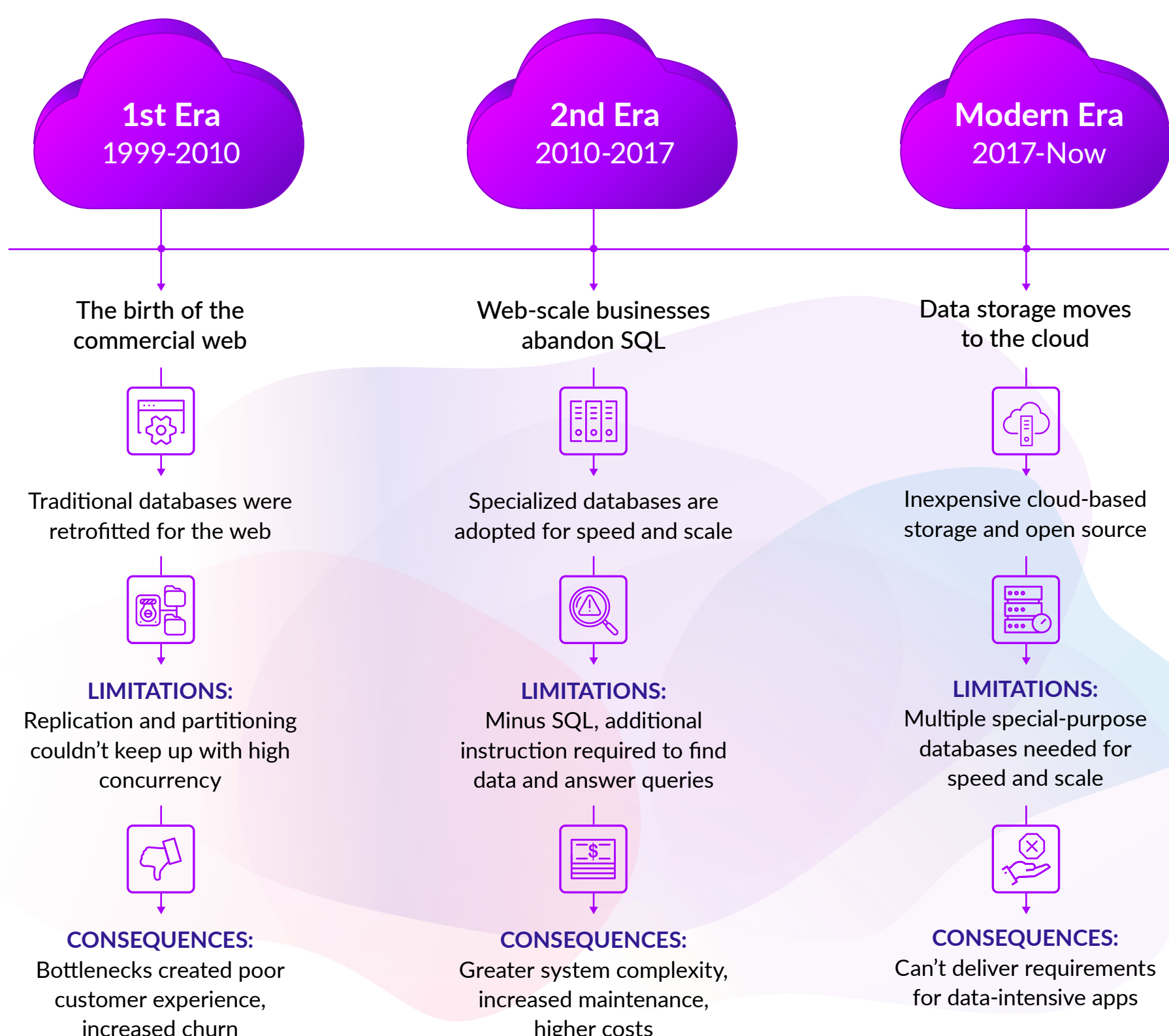


Legacy Database Systems Can't Handle Today's Modern Apps

Data-Intensive Applications Require a Database Built to Ingest & Serve Data Simultaneously

Many legacy database systems are not equipped for modern applications. Near ubiquitous connectivity drives high-velocity, high-volume data workloads – think smartphones, connected devices, sensors – and a unique set of data management requirements. With the number of connected applications growing, we find ourselves entering a new era of database evolution.

Eras of Cloud Data Systems



The Modern Era is Driving the Need for a Modern Database

Databases need to keep up with the massive amounts of data generated by increasingly data-intensive applications.

In 2020:
44 zettabytes*
of data were generated

By 2025: There will be
>175 zettabytes
of data in the global datasphere

*1,000,000,000,000,000,000,000 bytes

Definition of a Modern Database

- ✓ **Distributed:** systems that do not require external middleware to shard and scale
- ✓ **Cloud-native:** Purpose-built to run on cloud infrastructure in both hybrid and multi-cloud environments
- ✓ **Multi-model:** Native support for relational and non-relational data types and data models
- ✓ **Relational:** Built on a relational foundation with sophisticated query capabilities.

By 2025, without a modern database, your business won't withstand a data-intensive business environment.

[Download the WP to see the full story→](#)



Build a Real-Time Data Pipeline with a Truly Modern Database

To learn how SingleStore can help you unify applications and analytics at massive scale and speed, visit our website.

[SingleStore Can Help →](#)