

Volt Active Data

A real-time decisioning platform designed to support the latency, scale, consistency, and cloud/edge processing demands of modern enterprise applications

The Volt Active Data Platform enables companies to take decisions on streaming and event-driven data, at scale, without compromising on speed, accuracy, or consistency. Based on a simplified stack and an ingest-to-action layer that can perform sub-10-millisecond decisioning, Volt's unique, no-compromises foundation gives enterprises the ability to maximize the ROI of their 5G, IoT, AI/ML, and other investments.

- Built for real-time decisions
- Significantly lower TCO
- Industry-proven for fast, volatile data
- 100% ACID compliance
- Complements existing technology (AI/ML, Streaming, Archival, Dashboards)
- Cloud-Native & Edge optimized
- Scalability to more than 3 data centers with '5 nines' availability (Active-Active-Active)

“ Volt gives us instant and reliable customer visibility at any given moment in time, helping us monetize subscriber engagements in real time, configure offers faster and provide evolving rating and charging requirements. – VP Product Management, Hewlett Packard Enterprise

Best Performance for Business-Critical Applications

Volt has been proven and battle-tested in some of the most demanding and unforgiving data processing environments.



LESS TCO



INCREASE IN PERFORMANCE IN CRITICAL BUSINESS APPLICATIONS



IMPROVED UTILIZATION



RESPONSE TIME AGAINST 1 BILLION RECORDS

253%

INCREASE IN OFFER ACCEPTANCE RATE

90%

REDUCTION IN HARDWARE FOOTPRINT

83%

FRAUDULENT ATTACKS PREVENTED

42%

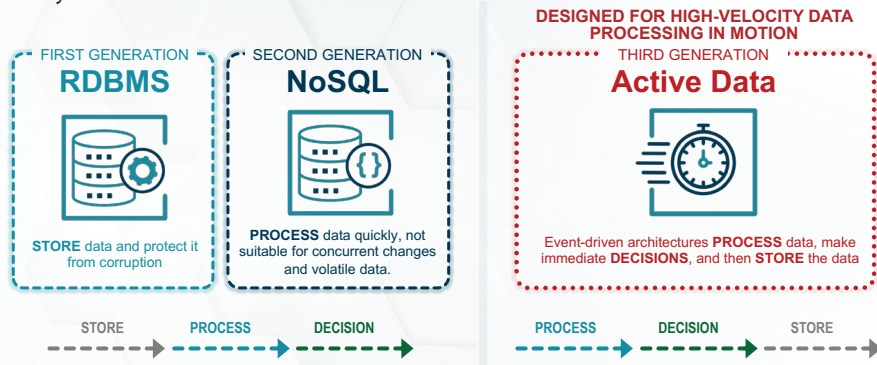
INCREASE IN TRAFFIC SPIKE THRESHOLD

30%

REDUCTION IN NETWORK TRAFFIC

Active Data: Changing the Data Processing Landscape

Volt is designed for a world where high-velocity data must be processed *in motion*, while it still has maximum value and impact for your business.



“ Volt Active Data offers the TCO, performance, and scalability we need while enabling us to handle fast data and the real-time feeds of service provider traffic.” – VP of Global Product Development, Amdocs

Volt Use Cases

Real-time data volume and velocity are increasing across many industries, and real-time data processing is evolving to encompass real-time decisions. These decisions aren't just based on simplistic or static rules but are incrementally adjusted based on changing conditions in the real world. AI/ML systems play a critical role in effective, data-driven automation of processes across a variety of environments and use cases.

- Telco Policy & Charging
- Traffic Safety
- Customer Experience
- Smart Grid
- Fantasy Sports
- Cyber Security & Fraud
- Industrial IoT
- Fleet Management

Volt Architecture — Built for Real Time

Volt combines essential processing capabilities into a single unified platform that minimizes the amount of hardware required and allows optimal operation in resource-constrained environments such as cloud-native deployments and edge locations.

