



VOLTDDB PROFESSIONAL SERVICES

VoltDB powers applications that require real-time intelligent decisions on stream processing for a connected world, without compromising on ACID requirements. These are often mission-critical applications that require high availability and performance with reliable operations. To help customers achieve this, VoltDB is offering professional services to accelerate their projects and give them the skills to develop and operate VoltDB most effectively.

These services are designed to provide the core and advanced skills customers and partners may need, as well as expert consulting when they most need help.

The program is composed of two offerings.

CONSULTING SERVICES:

- Daily remote consulting
- Customized services including:
 - Application architecture review
 - Code review
 - Operational readiness review
 - Performance tuning analysis and guidance

TRAINING & CERTIFICATION:

- Instructor-led remote
- Role-based modules:
 - Certified Developer
 - Certified Administrator

Contact Sales to schedule training or consulting to accelerate your VoltDB project.

Consulting Services

This offering provides customized consulting services to partners and customers who need expert help with their particular VoltDB project.

Remote Consulting - \$2500/day

- 1 day minimum While these services may vary depending on the needs of customers and partners, they often include some of the following activities.
- Architecture Review - Review of VoltDB applications and systems architecture.
 - Review the flow of data and transactions through VoltDB from an architecture perspective.
 - Review integration with other systems like messaging queues, datastores, ML pipelines, Hadoop, etc.
 - Review cloud/on-premise architectures for optimal utilization of resources.
- Design review - Review of existing application design.
 - Review the database schema and payloads for scalability and performance.
 - Review the specific use of TTL, Views, Tasks, and Streams for optimal design.
 - Review distribution of logic between client and server for best performance.
 - Review security mechanisms with Kerberos, user roles, TLS, disk encryption, etc.
 - Review Cross datacenter replication and disaster recovery strategies.
- Code review - Review of existing client and procedure code.
 - Review Java procedure code for potential issues and optimizations.
 - Review connections and procedure call methods for best performance.
 - Recommend changes for easier maintenance and smooth updates.
 - Review and recommend logging, unit and integration testing strategies.
- Performance Tuning - Analysis and diagnosis of performance issues.
 - Review SQL execution plans and code for Root Cause Analysis.
 - Make relevant recommendations on best use of indexes, views, UDFs, partitioning schemes, and other VoltDB features.
- Operational Readiness - Review current DevOps practices around VoltDB
 - Guide Public Cloud/Docker/Kubernetes/On-premise deployments
 - Recommend strategies and solutions for specific monitoring needs
 - Review durability, recovery and restore strategies for uptime and MTTR requirements Guide SRE and help building runbooks to ensure reliability of service over code deployments, Hardware, OS, Software upgrades, etc. These services are provided at a daily rate and do not include any code implementation deliverables.



Certified Administrator or Certified Developer

This course covers the same topics and includes an assessment of hands-on work to receive the certification.

Instructor-led Remote Training with Certification - \$3000/person

- 3 sessions (2-3 hours instruction + 1-2 hours lab)
- Conducted during US Eastern time zone business hours
- Lab results are assessed for certification
- Minimum 3 students, maximum 10 students Instructor-led On-site Training with Certification - \$3500/person + Travel expenses
- 2 all day (9-5) sessions including instruction and lab
- Lab results are assessed for certification
- Minimum 3 students, maximum 10 students

About VoltDB

VoltDB powers applications that require real-time intelligent decisions on streaming data for a connected world, without compromising on ACID requirements. No other database can fuel applications that require a combination of speed, scale, volume and accuracy.

Architected by the 2014 A.M. Turing Award winner, [Dr. Mike Stonebraker](#), VoltDB is a ground-up redesign of the relational database for today's growing [real-time](#) operations and machine learning challenges. Dr. Stonebraker has conducted research on database technologies for more than 40 years, leading to numerous innovations in fast data, streaming data and in-memory databases. With VoltDB, he realized the full potential of tapping streaming data with in-memory transactional database technology that can handle data's speed and volume while delivering real-time analytics and decision making. VoltDB is a trusted name in the industry already validated by leading organizations like: Nokia, Financial Times, Mitsubishi Electric, HPE, Barclays, Huawei, [and more](#).