

Building Open Source Database Infrastructure for Performance and Scale



Database Infrastructure Performance is Crucial for Modern AI and Real-Time Analytics Applications



- **Data Processing Speed**
- **Model Training and Iteration**
- **Performance**
- **Optimal SQL Engineering**
- **Custom Database Infrastructure**
- **Scalability**
- **Data Consistency & Reliability**
- **Data Integration**
- **Real-Time Decision Making**
- **Real-Time Data Streaming**
- **Data Governance & Compliance**

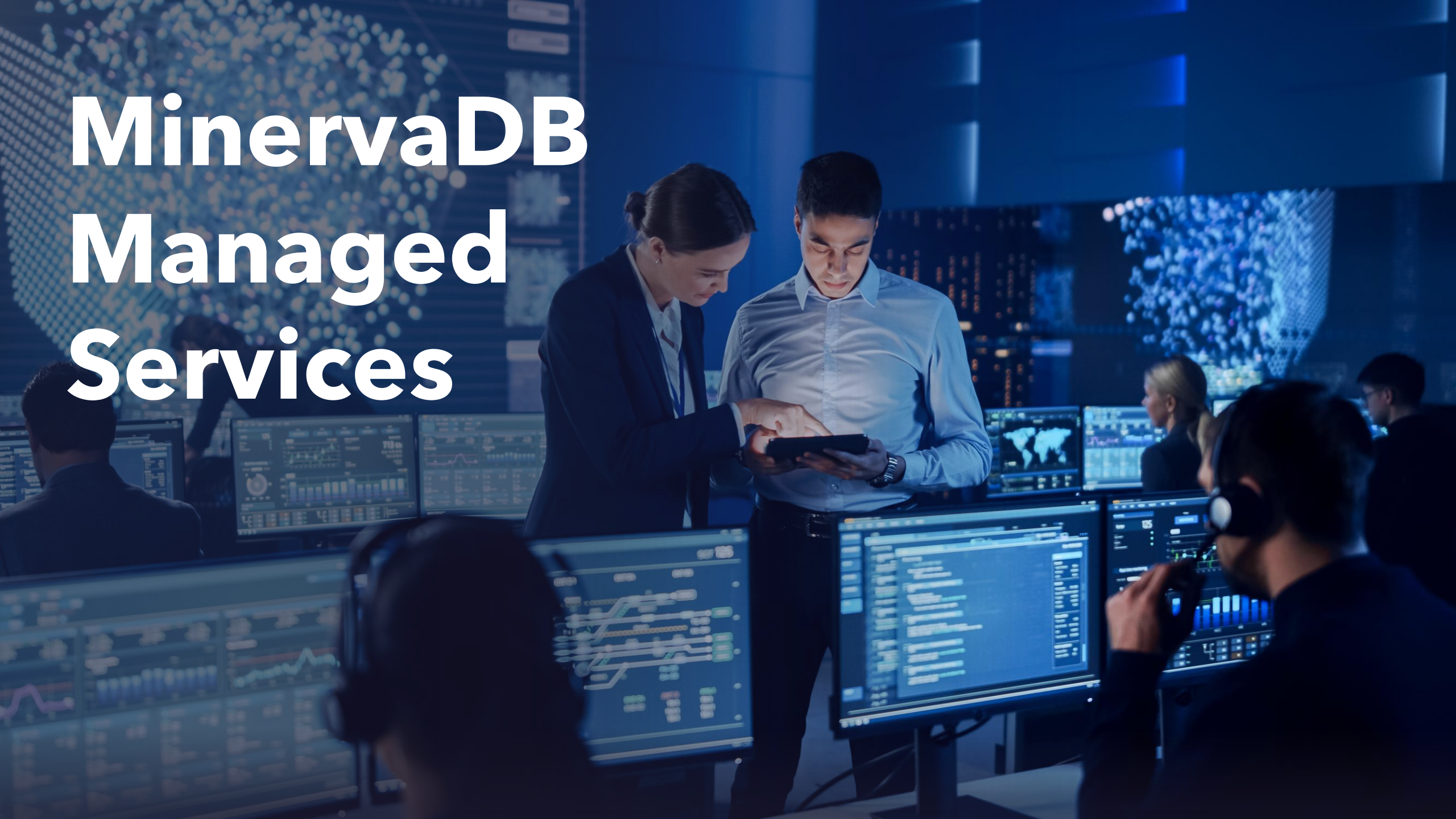


Technology Focus

- PostgreSQL
- ClickHouse
- MySQL
- InnoDB
- RocksDB



MinervaDB Managed Services



- Custom Installation and Configuration
- Custom Database Engineering Services
- Optimal SQL Engineering
- Performance Benchmarking
- Capacity Planning and Sizing
- Performance Audit / HealthCheck
- Performance Tuning
- Scale-out/Sharding Solutions
- Replication Solutions
- Data Reliability Engineering Services
- Custom DBaaS Solutions
- Data Privacy/Security Services
- Database Infrastructure Upgrades
- Data Migration Services
- Data Recovery Services
- Database Infrastructure Automation



MinervaDB Consultative Support





Recommendations for Optimal Installation and Configuration.

Recommendations for optimal schema design, indexing and SQL engineering.

Recommendation for capacity planning and sizing - We guide you in optimally sizing CPU, memory, disk and network for application performance, scalability and reliability.

Recommendations and guidance for high database availability and disaster recovery - We support customers in building highly available and reliable applications.

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Recommendations and guidance for database sharding and clustering solutions - Horizontal scalability and reliable web-scale database infrastructure operations.

Recommendations and guidance for scale-out and replication solutions - We support both synchronous and asynchronous replication.

Recommendations and guidance for database security - Database transaction audit, password control, firewall implementation and privacy management.

Recommendations and guidance for database systems upgrades and migration.



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