

# SQL Server Health & Azure Migration Assessment

Ensure optimal SQL Server performance, security, and reliability with our SQL Server Health & Azure Migration Assessment. [Emergent Software](#) provides best practice recommendations and seamless Azure migration guidance.

# Who is Emergent Software



Digital & App Innovation  
Data & AI  
Infrastructure  
Modern Work



**20+ Years**

Of consulting across the Microsoft ecosystem



**50+ Certifications**

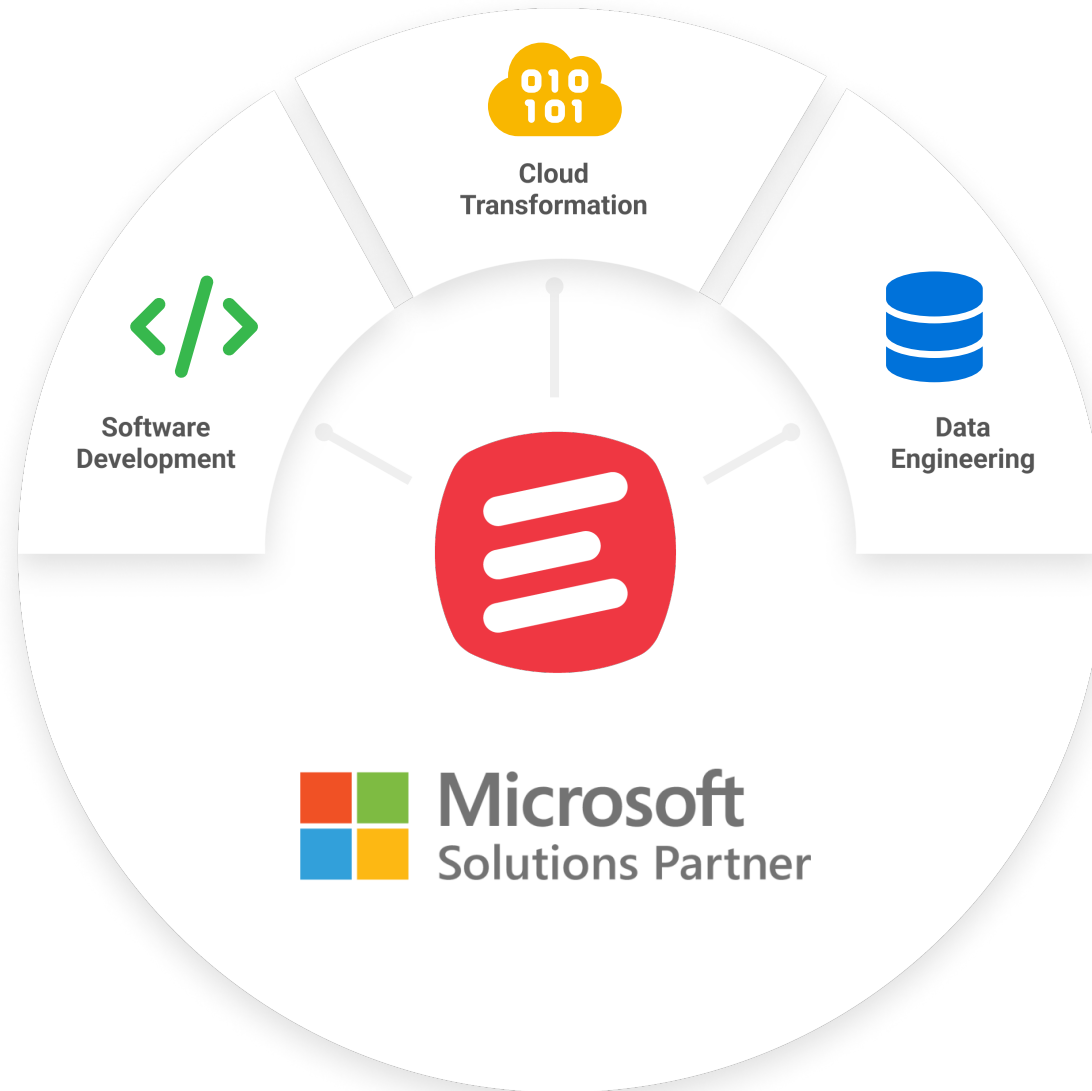
In Microsoft and other partner solutions



**100+ Clients**

Actively engaged across the nation

# What we do



# Why work with us

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## **Trusted Long-Term Partner**

Our goal is to be a trusted extension of your team, delivering successful projects for years to come.

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## **Solutions Oriented Approach**

We're focused on solutions, not products; prioritizing long-term value through quality-driven delivery.

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## **Flexible Engagement Options**

We offer pro and managed services, allowing you to engage a full team on a turn-key project or enhance your existing team with one of our specialists.

# Why Perform a SQL Server Assessment?

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## Find Optimization Opportunities

Improve performance, identify cost savings opportunities, assess indexes, and uncover common misconfigurations.

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## Avoid Future Business Disruptions

Avoid future data loss, improve system reliability, expose common security vulnerabilities.

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## Plan an Azure Migration

Identify challenges and opportunities to consider as we work with you to plan a move to Azure.



# Benefits of our SQL Server Assessment



## Boost Security

Flag accounts with elevated privileges, list database owners not tied to the SA login, provide guidance on using Defender for Cloud for SQL Server.



## Improve Performance

Optimize memory usage, align system configuration settings with industry standards, and analyze index, CPU, memory, and I/O usage patterns for bottlenecks.



## Enhance Reliability

Ensure data, log, and temp files are allocated properly, the latest security and performance enhancements are being leveraged, and proper business continuity are being taken.



## Mitigate Data Loss

Ensure your backups meet your RPO/RTO requirements and database corruption checks are being performed regularly.



# Benefits of our SQL Server Assessment



## Plan for Azure Move

Identify opportunities as well as potential challenges with a migration, provide cost estimates, and evaluate Azure-Enabled SQL Server for hybrid environments.



## Uncover Misconfigurations

Identify default settings left unchanged, detect unnecessary services and ports left open, and check for improper file and directory permissions.



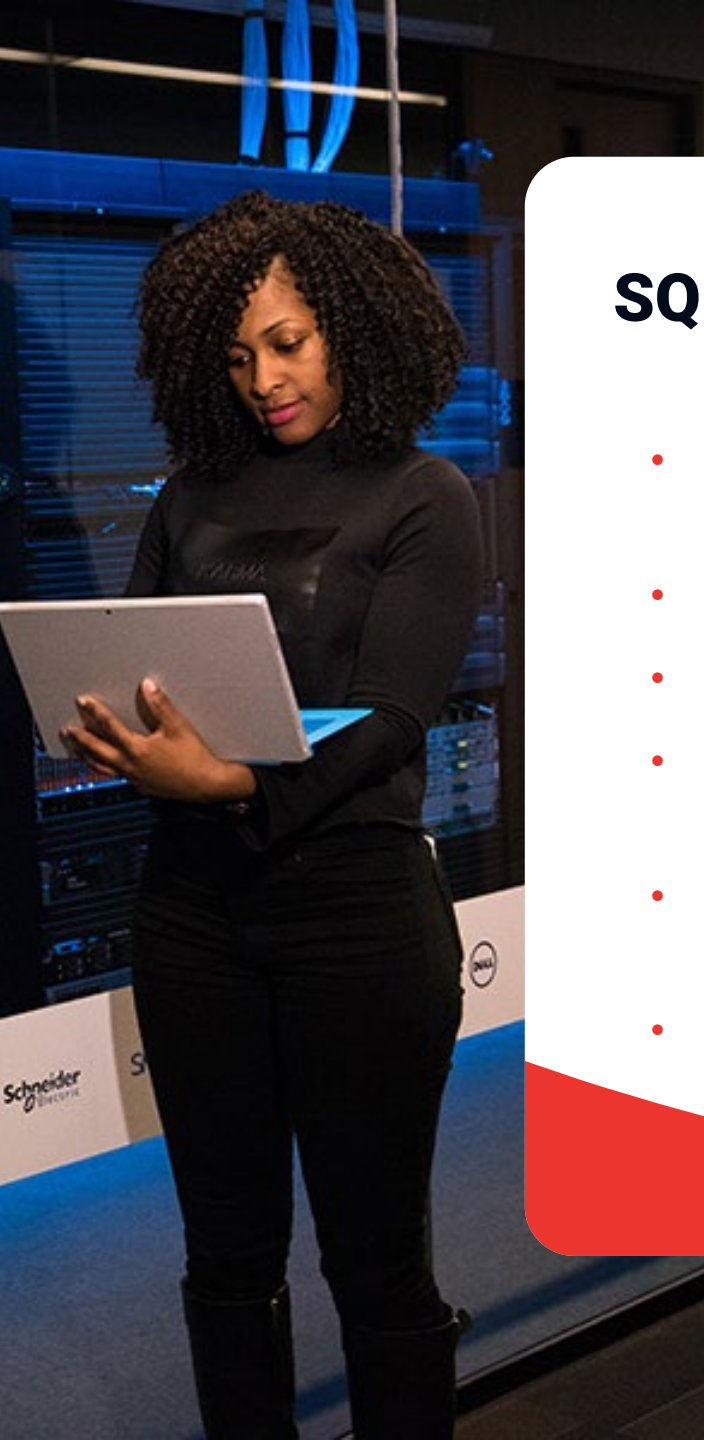
## Ensure Healthy Indexes

Evaluate index usage and fragmentation, look for optimization opportunities, recommend index maintenance tasks.



## Save on SQL Licenses

Review current SQL licenses owned and make cost savings recommendations through leveraging SQL options in Azure.



## SQL Server Health & Azure Migration Assessment Includes:

- Analyze SQL Server configuration and performance.
- Review backup and recovery strategies.
- Optimize memory usage and allocation.
- Align system settings with industry standards.
- Identify and resolve performance bottlenecks.
- Verify correct file allocations and placements.
- Ensure system patch levels are up to date.
- Check for database corruption.
- Validate security settings and permissions.
- Flag elevated privileges and provide recommendations.
- Assess readiness for migration to Azure.
- Provide SKU recommendations and cost estimates for Azure.



**Your**  
**Full Stack**  
**Technology Partner**

**Let's Get Started!**