# DELL EMC SERVICES FOR MICROSOFT SQL SERVER

Modernize your data analytics initiatives with Microsoft SQL Server, Business Intelligence and Big Data

## ESSENTIALS

Dell EMC is a Microsoft Gold certified business intelligence and analytics partner. Rely on our expertise across your full spectrum of Microsoft SQL Server, business intelligence and big data needs. Dell EMC can help you:

- Improve data quality with a modernized data landscape
- Deploy, migration and modernization services in the cloud or on-premises
- Reduce costs for platform licensing
- Improve protection, performance, and recoverability of cloud-based and on-premises Microsoft SQL Server environments

## Business Challenge

With the data explosion in today's always on, always available global economy, an organization's success depends on finding efficient ways to incorporate meaningful insights into their decision-making process. Successful companies recognize data is one of their greatest assets and mining all kinds of data—transactional, social, web and more, can reveal new insights and present differentiated business opportunities. But only when that data can be acquired, processed and made available in a timely, relevant and actionable manner can it be used to make better, faster decisions. By putting data-driven decisions at the heart of your business, your organization can harness a wealth of information, gain new insights, drive innovation, and create a competitive advantage.

## Realize Your Business' Full Potential

Dell EMC is a certified Microsoft partner, with 30 years of partnership and awards. We offer a wide breadth of services designed to help you accelerate your business priorities with Microsoft SQL Server from platform implementations to data modernization, business intelligence, and analytics. Microsoft services are our core competency which is why partnering with us allows you to focus on yours – adding value to the business.

**Platform services**
Dell EMC provides you with services for every step of your journey from discovery and planning to design and implementation of resilient data architectures with Microsoft technology both on-premises and in the cloud. Whether you are installing or upgrading a data platform, or experiencing performance problems with an existing database, our proven methodologies, best practices and expertise, will help you achieve your business objectives.

*Deploy and Provision*
Count on our expertise to deliver optimal physical, virtual or cloud based deployments of SQL Server. We work with you to design multi-tier best practices for your dev/test, QA and production environments. Taking into account your business policies and requirements for data security, high availability, business continuity and disaster recovery, our service integrates native features like Transparent Data Encryption, AlwaysOn, Stretch DB and Microsoft Azure SQL to achieve your objectives.

*Identify Performance and Security Gaps*
During this service, we conduct a diagnostic review of your SQL Server database environment to identify potential areas for performance improvement. Our optimization review begins with data collection and monitoring followed by usage analysis in order to identify bottlenecks.

In addition, we offer a data risk assessment to identify entry points for sensitive data. The outcome of this service is a plan for remediation and a protection plan to harden your SQL Server systems and mitigate data security gaps.

**Data Modernization**
Modernizing your data landscape improves the quality of data delivered to stakeholders by distributing workloads in a cost efficient manner. Platform upgrades and consolidations can lower the total cost of ownership, while efficiently delivering data in the hands of stakeholders. Exploring data workloads in the cloud, such as test/development, disaster recovery or active archives can provide elastic scale and reduced maintenance.

*Optimize Database Service Delivery*
Our comprehensive assessment includes whiteboard sessions, interviews and thought leadership to provide guidance for your data management strategy. We will map your future state goals to a best fit technology that is purpose built. We work to help your business meet its full potential with a data strategy that may include Microsoft SQL Server, Microsoft Azure SQL DB, Analytics Platform System, Microsoft Azure SQL DW and Hadoop. Through a small proof of concept, we demonstrate how modernized reporting with Microsoft Power BI can let you see your data in new ways through interactive data visualization tools.

*Upgrade, Consolidate, Re-platform and Migrate*
Transitioning from platforms like Oracle or upgrading to the latest versions of SQL Server and SQL Azure can reduce licensing, administration and maintenance costs while providing secure, efficient and faster database solutions. Our migration strategy begins with an assessment and risk mitigation plan by developing an application dependency mapping to identify migration/upgrade criticality, complexity, business impact, licensing, and support impact. We then implement a comprehensive plan using a consistent methodology that has supported customers with dozens to thousands of databases.

**Business Intelligence and Analytics**
By putting data-driven decisions at the heart of your business, your organization can harness a wealth of information, gain new insights, drive innovation, and create a competitive advantage. Dell EMC provides a complete ecosystem of services that enables your organization to implement business intelligence and create insightful analytics for on-premises, public cloud, or hybrid solutions. Our services enable you to:
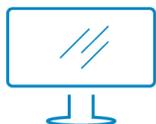
- Employ a SQL Server data warehouse and Analysis Services (SSAS) cubes to provide consolidated data management and analytics
- Connect to disparate data sources with Microsoft SQL Server Integration Services (SSIS) business logic
- Deliver reporting insight with Microsoft SQL Server Reporting Services (SSRS)
- Develop data governance strategies and deliver on the promise of self-service business intelligence with SSRS, Power BI and Data Quality Services (DQS)
- Achieve up to 100x increase in querying around your SQL Server data risk assessment when utilizing advanced analytics platforms on-premises and in the cloud

**Summary of Benefits**

Dell EMC provides strategic and tactical capabilities, award-winning methodologies, and certified expertise needed to make your Microsoft SQL Server projects a success:
- Reduce platform, cloud and licensing costs from a trusted advisor
- Minimize migration risks with our patented methodology
- Speed time to innovation with hybrid business intelligence strategies

Realize benefits that other enterprises around the globe have experienced in working with Dell EMC—a certified, award-winning Microsoft partner. Our holistic approach to providing services for your Microsoft environment can help you minimize risk and business disruption—making us the partner of choice for your Microsoft SQL Server endeavors.

Learn more about
Dell EMC Services

Contact a Dell EMC Expert