SQL on Azure powered by Cisco:

Amplify your application strategy with seamless
SQL migration

dimension data | Let's do more.

Applications have become a core pillar in digital transformation strategies and continuously reshape enterprise IT infrastructure. More organisations are tapping into workplace analytics and using data to highlight employee experience trends by tracking productivity, sentiment, wellbeing or a community perspective.

More metrics, more complexity:
16% of organisations are passively tracking employees via virtual time and attendance, work computer usage and emails or internal communications.*

The complex journey from on-premise to hybrid

Business applications have to perform faster than ever to conduct more complex operations while still providing a simplified user experience. Achieving a delicate balance of optimal performance, user simplicity and cost-efficiency requires a smooth transition from on-premise to a combination of private and public cloud. IT departments have to adjust their approach to securely manage this complex, multi-layered process and bring together the different data environments in one harmonious ecosystem.

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Applications are the business:
62% of users have increasing expectations of how well digital services should perform.**
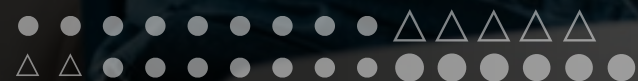
SQL migration challenges

- Accurately assessing your organisation's existing hybrid footprint
- The complexity of the journey to public cloud
- The difficulty of assessing costs in cloud and avoiding unforeseen costs
- Managing hybrid landscapes across platforms
- Inter-system dependencies impeding the planning of workload migrations
- Ensuring Azure deployments are compliant with company policy

We use the right platforms to give you the right outcome

To achieve the highest SQL migration success levels and address ongoing security, performance, and compliance requirements post-migration requires a set of products that cater to all your SQL needs in a hybrid cloud environment.

At Dimension Data, we know that your application experience is crucial to business continuity and that you need the right infrastructure to support your application strategy. Our three-pronged approach combines best-of-breed technologies from Microsoft and Cisco in one solution to help you navigate the challenges and complexities of SQL migration.

Map your path to Azure

SQL on Azure, powered by Cisco, provides an answer to the complex migration challenges that have held back so many organisations. Cisco enhances the value proposition of Azure workloads in a hybrid environment with its in-depth application awareness and advanced analytical capabilities. This ensures an accurate pre-migration assessment that's essential for the successful planning and execution of SQL migrations.

The solution also covers ongoing security, performance and compliance requirements post-migration. Bill shock is eliminated by Cisco's continuous monitoring of workloads against available resources for rightsizing and scaling as resource requirements fluctuate. And the solution's connectivity component, the scope of which is determined during our consultancy phase, ensures that the migration design is fit for purpose.

Cisco	+	AppDynamics	+	Azure
Network and application resource management		**Application performance management**		**Cloud**
• Visualise application resource dependencies in infrastructure • Automate application resourcing decisions for infrastructure • Continuously optimise application resources		• Visualise application dependencies • Automate anomaly detection down to line of code • Continuously optimise applications • Deliver continuous business and application performance		• Ensure performance • Ensure cloud cost-effectiveness • Minimise cloud skills gap • Deliver a better customer experience • Enable increased innovation • Increase operating leverage • Reduce risk

Dimension Data manages this process from end-to-end – skills, resources, architectural prowess and partner relationships

The Dimension Data difference – we integrate and manage the stack end-to-end

Our solution offers insights throughout the entire process from assessments, design, implementation, optimisation and management. The powerful analytics of the Cisco toolset provides the information required to plan, migrate and manage the new environment in the hybrid landscape to reduce the number of vulnerabilities in the entire ecosystem.

This solution offers extensive benefits for cost management, app resource management, the ability to manage scalability effectively and the ability to get the most from Azure while containing costs.

Increase productivity and resource management	Scalability	Business growth	Fast and agile	Peace of mind
Advanced insight into application performance issues for quick diagnoses and resolution.	Flexible service plans tailored to meet the needs of big and small business users.	Fewer admin duties free up IT staff for strategic work to advance overall business strategies.	High-availability architectures mean high-speed connectivity and data retrieval.	Our solution is secure by design and execution and offers an advanced and protected cloud environment.

Understand, advise, lift, shift, refactor and optimise … we cover it all

The Dimension Data difference, we integrate and manage the stack end to end

Performance layer		Industry terminology	Platform/tools	Features
Application		Application Performance Monitoring	AppDynamics	• **Visibility** into dependencies – apps and infrastructure.
Data		SQL data warehouse retrieval	Azure SQL Database	• Real-time optimisation and telemetry is required to assure app **performance, cost optimisation** and **compliance**.
Cloud		Virtualisation, power, processing, compute, storage	Microsoft Azure	• Automation is needed to **deliver at scale**.
SD-WAN		Intent-based Networking	Cisco Workload Optimisation Manager	• Advanced **operational analytics** and **automation** are required • Optimise **multicloud** environments

Partnerships for SQL migration and management success

Our partnership with the world's leading hyperscalers and cloud technology vendors enables us to deliver unrivalled innovation and service to our customers. We have a proven track record of achieving global success – and you can access all this for your business, no matter the size of your organisation.

Dimension Data + Cisco

- **Executing together in 57 countries**
- **Jointly serving more than 5 000 global clients**
- **More than 200 Cisco Partner Awards**
- **Co-innovation centres across the globe to deliver outcomes at greater speed with our clients**

Dimension Data + Microsoft

- **Microsoft Azure Expert Managed Service Provider (MSP)**
- **Global Gold Partner Status in 57 countries**
- **More than 1 000 Microsoft consultants and 11 000 certifications**
- **More than 20 Microsoft Partner Awards**
- **Azure Networking Partner to accelerate and optimise services**

Start your SQL migration journey

No matter where you are in your cloud journey, we're here to simplify the process, manage costs and address inter-system dependencies. Speak to one of our SQL workload specialists to design a migration journey suited to your business needs.

Speak to a specialist

Resources
* Gartner Study: Trends for HR Leaders that Will Impact the Future of Work After the Coronavirus Pandemic