



## Diaxion helps health provider migrate services to a hybrid cloud environment

### Overview

A health provider focused on delivering quality patient care needed to improve its ability to continually expand its capabilities and services.

Technology needed to support this through additional compute and storage capacity, modern infrastructure and improved facilities. Migration to a hybrid cloud environment helped the organisation achieve this and be ready to scale to deliver new and improved services.

### The Challenge

Our client is a major health provider delivering a comprehensive, integrated range of services in areas of emergency medicine, intensive care, medical and surgical services. Providing a combination of hospital and community-based services, it has a strategic aim of growing and improving the delivery of safe, high quality care.

In support of its vision, the organisation is continually expanding its capabilities and services to ensure the ongoing delivery of quality patient care. To achieve this, our client faces an increasing need for additional computing and storage capacity. Furthermore, their IT infrastructure was nearing the end of its usable life and the facilities that housed the equipment needed extensive improvement. To address these challenges, our client needed to develop and execute a holistic plan to migrate services to a hybrid cloud environment.

Based on its extensive knowledge and experience with cloud strategy, architecture, migration and operating models, Diaxion was engaged to plan, pilot and deploy the project, as well as provide post-implementation support.

### The Solution

Diaxion adopted its Discovery, Assessment and Design methodology to underpin the planning phase for a migration to a Microsoft Azure environment. Through a series of workshops, discovery of the environment was critical to validate data and requirements before developing a high-level Azure design with clear components and recommendations.

The Azure landing zone was established using the Azure Enterprise Scaffold guidance and the architecture was designed to accommodate future initiatives and provide the foundations for automation.



## Diaxon

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Using its proven migration methodology, Diaxon evaluated options to ensure a smooth migration from Windows 2008 servers to Azure. A pilot phase including a Proof of Concept was used to validate the migration approach before the full deployment of a successful migration to the Azure platform at an operating system level of integrity.

All Azure backup and replication (DR) services were designed and configured for migrated servers, and security controls for all Azure resources were defined and implemented. Change control and security compliance were documented at all stages in line with our client's compliance processes and management protocols. Post implementation, an operational handover was completed with Azure As-Built documentation and a walk through of the migrated resources in the Azure portal.

### The Outcome

By migrating to a Microsoft Azure platform, the organisation was able to remove the majority of their Windows Server 2008 fleet from their on-premises environment. The migration of workloads to Azure extended their usable life and gave our client the necessary time and breathing room to appropriately plan for the re-architecture of these systems. The migration also reduced the reliance on the on-premises infrastructure, providing crucial improvements in stability for critical patient services.

Our client now has the freedom and ability to improve and scale their IT environment in ways that would not have been possible otherwise. The migration to Microsoft Azure cloud has ultimately improved their ability to deliver new and improved services by utilising tools and technology that focus on cost management, automation and cloud governance.