

Customer case study | Healthcare

The Dudley Group NHS Foundation Trust

Building resilient application
delivery across Microsoft
Azure Availability Zones.



INDUSTRY
Healthcare



ENVIRONMENT
**Microsoft Azure /
Multi-Zone**



CAPABILITIES
**Application Delivery
+ High Availability**



OUTCOME
**Improved
Resilience**

The Customer

The Dudley Group NHS Foundation Trust provides essential healthcare services where the availability of applications and digital infrastructure directly supports clinical and operational teams.

The Challenge

The Trust needed a feature-rich application delivery solution capable of supporting a cloud-first, resilience-driven Azure architecture while helping critical services remain accessible during infrastructure disruption.

1. Healthcare systems must stay available

Planned maintenance and unexpected infrastructure failures could not be allowed to unnecessarily disrupt essential services.

2. Resilience across Azure zones

The architecture needed to maintain service continuity even if an entire Azure Availability Zone became unavailable.

3. A platform the team could trust

The Trust wanted proven application delivery technology that could be deployed quickly in Azure and supported by responsive engineering expertise.

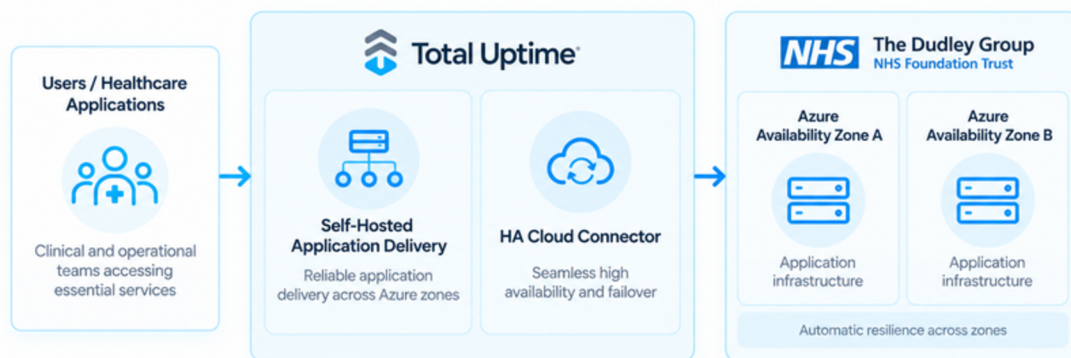


You have provided us with an absolutely rock solid Loadbalancer platform for many years now!

Christopher Bott | Solutions Architect, The Dudley Group NHS Foundation Trust

High availability across Azure zones.

The Dudley Group NHS Foundation Trust deployed the HA Cloud Connector to provide high availability across multiple Microsoft Azure zones. The team also received early access to the technology, allowing them to test and refine the configuration with direct technical support. Today, that technology forms part of Total Uptime's broader self-hosted application delivery capabilities, helping organizations design application architectures that remain available through maintenance, infrastructure failures and cloud-zone disruption.



✓ High Availability

The HA Cloud Connector enables high availability across multiple cloud zones, reducing reliance on any single Azure zone.

✓ Multi-Zone Resilience

Applications can remain available even if an entire Azure Availability Zone experiences an outage.

✓ Application Delivery

Traffic can be delivered through resilient load-balancing infrastructure designed to support dependable application access.

✓ Engineering Support

The Trust received hands-on assistance during testing and deployment, including responsive support when issues needed to be resolved.

Increased Resilience

Greater confidence that critical services can remain available during planned maintenance and unexpected failures.

Zone-Level Continuity

The architecture supports service continuity even during the loss of an entire Azure Availability Zone.

Scalable Application Delivery

A future-ready load-balancing architecture capable of supporting the Trust's evolving Azure environment.

” It just works and is very reliable.

Christopher Bott | Solutions Architect, The Dudley Group NHS Foundation Trust