

Robust
Infrastructure
24,000

Endpoints supported across the network

In 2018, North Bristol NHS Trust faced **critical challenges**: aging infrastructure, an ever-increasing number of connected devices, frequent digital interruptions, and an inability to support advanced systems. This hindered patient care and staff efficiency.

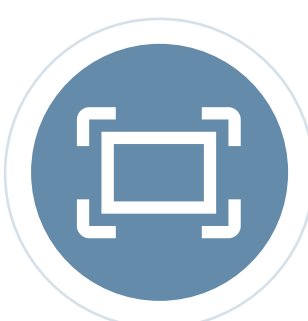
"It was like having a great car without a road,"

Neil Darvill, CDIO
North Bristol NHS Trust

Vision In Action

Since 2018 things have come a long way. Leadership was the driving force behind the Trust's success. Decisions prioritised sustainability, **long-term value, and patient outcomes** over short-term fixes.

Actions taken:



Standardised on **Cisco infrastructure** for scalability and reliability



Delivered a **unified network** to replace outdated systems across multiple sites.

A Foundation for Digital Success



BLOCK

NHS
North Bristol
NHS Trust

North Bristol NHS Trust now serves as a model for healthcare digital transformation. The unified network has set **new standards for reliability, security, and scalability in the NHS**, enabling better enabling smoother operations for staff and supporting an improved patient experience. and smoother operations for staff.

The partnership with Block continues, focusing on strengthening integration with regional systems to improve patient care coordination and **embracing emerging technologies** like AI-driven diagnostics and IoT-enabled devices to push the boundaries of modern healthcare.

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Fortifying Security

In a time when healthcare organisations were under growing threat from cybercriminals, North Bristol took **decisive action to strengthen its cybersecurity posture**. Working with Block to implement targeted initiatives:



Network access control and micro-segmentation to block unauthorized devices and isolate threats



Unified security measures across infrastructure to reduce management complexity



Multi-layered defences to contain breaches and minimize disruption to patient care.

Resilient Connectivity

Now in 2025 delays caused by outages and connectivity issues are rare, creating a **more stable and reliable digital environment**. This stability has improved workflows and enhanced the overall patient and staff experience.

Network downtime and disruptions

