

SURREY AND BORDERS PARTNERSHIP NHS TRUST

A complete network transformation delivering central management, increased efficiencies, and improved security.

CASE STUDY

Overview

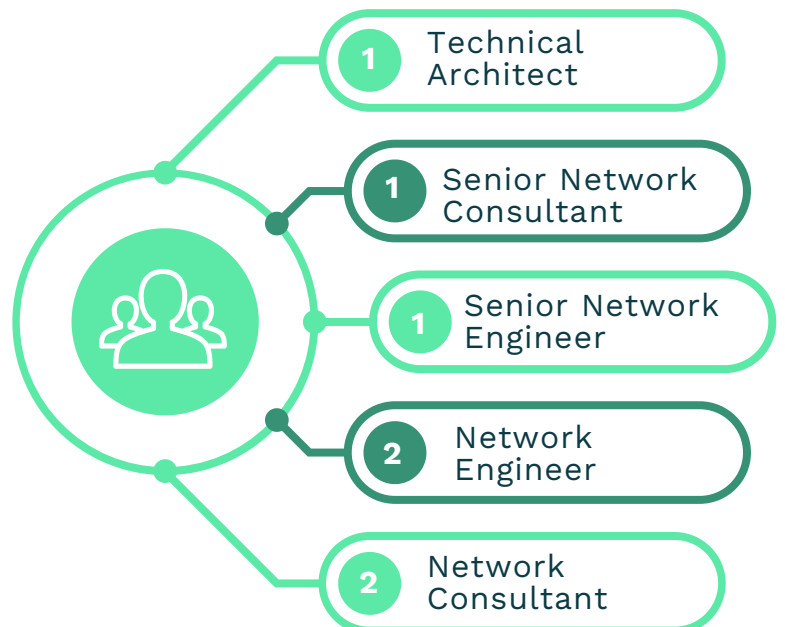
After facing ongoing issues with their data and network configuration, SABP decided to engage Keystream Consulting to help rid of the disparate Domain Name System (DNS), deliver a refined network management system with increased monitoring and performance capabilities as well as security.

Process

Keystream conducted a thorough review of the 143 network switches at 35 SABP sites which included the current infrastructure, management and security systems, VxRail service capabilities, and internal network documentation.

Delivery Team

The review led to a full scope of project requirements which was followed by the formation of a team best suited to deliver the project



Solution

The team proposed a solution based on the low-level design approach (LLD) providing the following:

- A new DNA service design and deployment with templates for switch deployment
- A new Radius Server design and deployment for Network service usage
- Consolidation and migration of switches to sites through DNA and operational handover
- Resolve existing switch issues,
- Support migration of data centres with the required configuration in collaboration with the SABP PM and BT CoIN team.
- Introduce Azure

Results

The project was completed under 9 months delivering huge improvements across the SABP network

19 Switch issues resolved

142 network switches migrated to
32 sites

Cisco DNA enabled central management system for **30 Remote & 2 Core** sites

- A fully templated set of network documentation for every site in a consistent and agreed format.
- Upgraded Network IAM management from local, individual managed devices to the implementation and integration of a Network specific RADIUS service.
- Increased security of the SABP 142 network devices from disparate non monitored devices through to consistent central managed and VLAN segregation according to LLD design.

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