

## Derby Hospital

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Kelway designed and installed a Cisco Networks Solution into Derby Hospital

*"The Trust has seen a significant improvement in reliability and overall performance of their core clinical systems since the implementation of the Cisco based campus network. We now have a solid platform on which to build, enabling the trust to move forward with their EPR and PAC's solutions so confidently plan for the future"*

**Phil Saunders , Network Manager for Derby Hospitals, Skanska Rashleigh Weatherfoil**

## The Challenge

Working in partnership with Skanska Rashleigh Weatherfoil, Derby Hospital needed a network hardware provision and support solution for a new build 21st century Hospital, with 5500 users over a 5 year construction program worth in excess of £650 million.

## The Solution

Kelway worked closely with Cisco to design and provide a resilient, high-speed backbone infrastructure to the trust. Replacing the existing flat layer two infrastructures deployed on their 2 main sites, we have implemented segmentation across the network, based on wire speed Layer three routing. Core connectivity to the edge utilises Multi Link Trucking and resilient Stacking technology that ensures maximum uptime even in a multiple failure scenario. 10/100 Full Duplex Ethernet is provided as a minimum on every port throughout the trust (although 1 GB can be provided if required), as is the capability to run Quality of Service (QoS), should the trust decide to implement IP Telephony or real-time traffic over the coming months.

## The Results

Kelway continue a long term relationship with Skanska. The SRW contract with the client is to maintain & refresh this infrastructure for the next 30 years. The total cost for this project is running around £950,000.00 to date for the supply, installation and maintenance of the Network infrastructure and growing as the building work continues.

As a global innovation leader, Cisco enriches consumer and business communications worldwide by offering converged multimedia networks that eliminate the boundaries among voice, data and video. These networks use innovative packet, wireless, voice and optical technologies and are underpinned by high standards of security and reliability. For both carriers and enterprises, these networks help to drive increased profitability and productivity by reducing costs and enabling new business and consumer services opportunities.

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