

CNS installs network for leading independent school

South Wales-based Capital Network Solutions (CNS) has completed installation of a fully resilient ICT network for Taunton School in Somerset. The new network "future-proofs" delivery of educational services at Taunton School, so that any developments in information and communication technology can be easily implemented. For now, this enables the 1,300 users – both pupils and staff - to work anywhere on the school's 45 acre site and also paves the way for the introduction of unified communications systems.

The installation took place over the school's summer holiday to minimise disruption and was completed on schedule. Sarah Edwards, CNS's business development director, said: "We've worked extensively in the education sector and have a reputation for delivering projects on time and to the highest standard, which I'm sure, helped us win the contract.

Ken Alexander, Taunton School's IT manager, said the school was delighted with the network which represents its largest single investment in technology. "The main benefit will be to the school community, who increasingly use the vast array of multimedia resources available at Taunton School as well as other resources from the internet. "The network features fibre-optic and copper cabling as well as wireless communication systems, all controlled by 36 specially designed switches. These allow us to manage all the network users remotely and provide important additional security while using virtual tools to keep different data separate "The new network will also enable us to modernise our telephony systems to use the latest voice-over-IP equipment – the sort used by leading commercial enterprises – which will improve communications with parents and the community at large."

Key Factors for Taunton School

- To build an affordable fully resilient network
- To increase network performance and stability of the network
- To prevent unauthorised access to the network and network resources
- To protect the staff and students from accessing unauthorised content
- To future proof the network investment and build a platform for future technologies
- BECTA standards compliance

Technology Overview

Cisco Smart Care Pro Active monitoring
Cisco Switching Solution
Cisco Adaptive Security Appliance
Cisco Access Control Server

Capital Network Solutions is a Cisco Premier Certified Partner, Cisco Smart Care Partner, Barracuda Partner, CRYPTOCard Partner, Dell Partner and Microsoft Registered Partner that specialises in the provision of innovative and knowledge based pro-active IT Network Design, Installation and Support services to the Education Sector

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Key Outcomes.

- Greater confidence in the security, performance and reliability of the network leading to increased network use and reliance upon learning applications
- Increased flexible access to network resources throughout campus and boarding houses
- Enhanced educational experience for staff and students
- Improved productivity of staff and students by providing access whenever and wherever required
- Increased student internet security
- Reduced network administration time
- Reduced application deployment time