



NETWORK AUDIT STEPHENSON (MK) TRUST



SCHOOL

Stephenson (MK) Trust is based in the north of Milton Keynes and was the first sponsored Special School Academy in the country, opening its doors on 1st April 2012. Their sponsors are St Paul's Catholic School, a local secondary school in Milton Keynes and SERCO a national provider of educational services. They support students, both male and female, with Statements of Special Education Needs for Social, Emotional and Mental Health.

THE CHALLENGE

Stephenson (MK) Trust identified that they did not have adequate power in place for the access points required for their WiFi installation and a network audit was needed as a result of this. They were having issues identifying what was in their current network, what cables were needed and what they were currently powering. They all needed to come offline and be completely reorganised to enable the IT department to be able to effectively manage the network and be more efficient, as well as providing suitable power for the installation of their new WiFi network.

THE SOLUTION

Stephenson (MK) Trust required a full audit of their network to identify exactly where the inefficiencies were and recommendations on how the network could be improved. Our specialist engineers carried out a full inventory of the network structure, as well as physically mapping out every cable and its function. Our aim is always to try and reuse any existing hardware where possible to minimise costs whilst ensuring optimum performance from your network, as well as providing independent advice of improvements where necessary.

THE RESULT

Redway Networks provided an independent review of the entire network and all cables within the cabinet. All cables were traced, redundant cables were identified, as well as complete reorganisation of all remaining efficient cables. A comprehensive audit report was then compiled and documented by **Redway Networks** of the analysis including inventory, configuration and network topology, as well as highlighting any concerns. The review was also presented using our traffic light system to roadmap the network, highlighting what was working currently, recommendations of updating devices within the next 6-12 months and emphasising any urgent changes. This allowed the IT department to have a complete overview and to make decisions based on priorities, factoring in any further improvements within their annual financial plans.

KEY CHALLENGES

- Lack of power for new WiFi network installation
- Inefficiencies in the current network structure
- Disorganised and unidentifiable network cabling

ABOUT REDWAY NETWORKS

Redway Networks are networking specialists and have a team of highly experienced network engineers. Whether you are a small primary school, a large warehouse or a global entity we can assist with your networking requirements. **Redway Networks** have a vast amount of experience in planning, designing and installation of network solutions to provide maximum performance from your network. Whatever your needs, we will work with your business to assess your requirements and provide recommendations on hardware and design to give you a robust and reliable network, as well as being fully prepared for the IT challenges of the future.

“Redway Networks always go the extra mile and are always on hand to provide support. We have been highly impressed with their level of service and looking forward to continuing to work with them.”

Robert Tittl, IT Technician, Stephenson (MK) Trust

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