



ST JOHN'S C OF E – BUCKHURST HILL NETCOM WIRELESS SOLUTION

Netcom92 Wireless solutions St John's C of E School case study



The requirement:

In March St John's C of E School received a call from our internal sales team. Where they found out that St John's was looking for Ruckus Wireless system. The enquiry was passed to our sales manager and a pre-sales consultation meeting was arranged and booked for that same week.

St John's C of E needed to upgrade their wireless system to accommodate the additional devices. The school needed Netcom to provide a solution that would provide maximum coverage at maximum strength throughout all the specified areas. The solution provided would need to give 100% site coverage for any wireless devices the school currently have and will future proof the school for any additional wireless devices they purchase such as apple products.

St John's C of E School was looking for a company who could take care of the entire project including product supply, installation and design.

The full requirements were:

- 1 x Ruckus 1112 Zone Director complete with 12 AP license with option to upgrade to 50 AP's
- 9 x Ruckus 7372 Access points
- 5yr Ruckus watchdog premium support
- 4 x Zyxel 8 port POE switches for connecting the wireless access point within each of the comms cabinets
- Associated patch cables and trunking to allow for the installation to be completed
- Installation and configuration labour
- ½ training on site for ICT staff
- 1year Netcom on site 4 hour SLA

Remote Data Cabinets:

Once Ruckus Wireless was chosen as the technology, Netcom performed a light site survey to determine signal strength and the coverage of Ruckus APs. After the initial site survey, subsequent site surveys were not required due to the ability for Ruckus Smart Wi-Fi APs to continually perform best path selection for Wi-Fi signals to every associated client. With the ZoneFlex system, St John's C of E was now able to manage and control access points on a single Web-based management console.

The School were impressed by the price and performance ratio of the Ruckus ZoneFlex kit given the complete coverage they needed.

Benefits of Ruckus:

- Reliable Wi-Fi access
- One-half the number of APs that would have been required by any comparable Wi-Fi system
- Differentiated user access
- Simple administration of guest passes
- Automatic wireless configuration of security on user laptops
- Seamless roaming between Aps
- Automatic interference avoidance