



Preparing for the Future of Mobility

St Ursula's Convent School benefit from a wireless upgrade, moving to realise their 1:1 Vision for learning



*"The new Fortinet solution has given us peace of mind for the future increase of devices at St Ursula's. It **easily handles the density of devices** we throw at it, and we even tested roaming around the site with a 4k resolution video - **it streamed perfectly**"*
- Steve Riley
Network Manager @ St Ursula's

Summary: St Ursula's Convent School is a medium sized Secondary based in Greenwich. With a rich history dating back to the 1800's St Ursula's has always been inspired by its founder's motto "Serviam" - to serve all members of the school community. As an oversubscribed School St Ursula's has developed an outstanding track record for education and academic success.

With aspirations of growing the ubiquitous use of technology across the Curriculum, mobility is becoming more essential. With trials of Apple and Google devices underway there are a number of elements to review.

Consultative Approach: Working with St Ursula's in a consultative manner Odyssey Education were able to discuss

the vision and planned outcome of the development, from both a technological and teaching and learning perspective. Reviewing numerous elements, from Operating Systems to Mobile Device Management, Odyssey provide honest, unbiased advice based on our 30 years combined expertise in Education IT.

Following a review period, we have developed a phased strategy to meet budgetary and timescales constraints. Odyssey's initial review highlighted the wireless as a bottleneck for performance. Having completed a free wireless site survey two issue areas were identified: increase quantity of Wireless Access Point's (WAP's) by 66%, and move to the latest 802.11ac standard.



Wireless manufacturer that are renowned for their technology's ability to handle two key challenges in education: Density and Roaming.



*"As a School budgets are always a concern, Odyssey Education provided **best value for money; going the extra mile for St Ursula's.** The tight timescales were handled well and we are very happy with the service"*
- Linda Amos
Business Manager @ St Ursula's

Technology Choice: Subsequently they were selected as the preferred choice for St Ursula. With the latest wireless standard, speeds can reach 1.3Gb/s—faster than most wired desktop connections within Schools. Proposing site wide wireless meant that students and teachers could move from class to class with no drop in performance or connectivity. Fortinet's Virtual Cell technology creates a mesh of signal and allowed successful testing when streaming a 4k resolution video and moving around site. In addition, each WAP can comfortably support a class of devices (around 30).

Alongside the core solution, Odyssey configured a captive portal so that guests and students can self-authenticate and log into the system without intervention from the IT staff—saving time.

Real Value for Money: Fortinet offer a generous trade in, which enabled St Ursula's to make a significant saving on investment in the latest technology. With just 5 days to complete the whole project, Odyssey included 3 days of onsite Project Management completely free of charge to ensure up-time for the start of the new term. In addition, the experienced cabling team were instructed to work early in order to finish on time.

Result Driven: With the successful installation of Fortinet site wide wireless the solution is now support directly by the manufacturer. However, Odyssey maintain communication as a line of escalation for the School if they are ever required. Following implementation Odyssey undertook a series of tests to ensure coverage is as expected and that roaming can take place around site without drop out. The results at the St Ursula speak for themselves and the School are now closer to their 1:1 Vision.

Why Odyssey?

With **over 30 years of combined experience** we will make your IT development a success.

Unbiased advice based on classroom impact to teaching and learning.

Always **striving for value for our customers**, we aim to work with your budget.

Expert and quality service throughout; from consultation to implementation & ongoing support.

Get in touch today to talk about your Technology Vision

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