



Highworth Grammar School

Case Study

Sector:
Education

Solution:

Cambium Wi-Fi 6E with Redway Networks' deployment, post-install survey and support.

Highlights:

- Highworth Grammar School wanted to future-proof its network with a high-capacity solution that would support modern devices
- The school chose Redway Networks for the upgrade as it was impressed with Redway's wireless expertise and education-sector knowledge
- With cost a major consideration for the school, Redway Networks recommended a Cambium enterprise-grade solution to deliver robust WiFi at a competitive price point
- Redway Networks provided an excellent service, and the Cambium cloud-managed network is supporting digital learning with reduced network management
- The school now has the network infrastructure in place to support operations for the next decade

Highworth Grammar School equips its students with digital fluency using high-performance WiFi

Highworth Grammar School is benefiting from high-density wireless connectivity with increased network capacity following a wireless and switching upgrade from Redway Networks.

The new Cambium solution which includes enterprise-grade Wi-Fi 6E access points and next-generation edge switching has delivered a robust network infrastructure designed to support the school for the next ten years with no ongoing licence costs.

Highworth Grammar School has been educating students in the Ashford community for over a century with a tradition of academic excellence and pastoral support. The school equips its students with digital fluency and uses technology as a tool for modern learning, so reliable access to online learning is essential.

The school's existing Wi-Fi 5 solution needed expensive licencing renewals to maintain the functionality to support its 1556 students and 150 staff on connected devices including Chromebooks, Windows devices, iPads and BYOD so it set out to find an alternative solution.

Rob Doubtfire, IT Manager at Highworth Grammar School says: "Our goal was to future proof the school by deploying the latest wireless network with a Wi-Fi 6E compatible bandwidth capable of supporting our newer devices. We had licensing cost concerns with our existing wireless vendor, so I set out to find a more cost effective solution. I'd previously met Redway Networks and was impressed with its wireless expertise so I reached out for advice."

After evaluating the school's needs, Redway Networks recommended Cambium's Wi-Fi 6E to deliver robust, high-capacity connectivity but at a low total cost of ownership.

Rob says: "Following a demonstration, Cambium really shone through – its price point was incredible, and the lack of ongoing licence fees was a major advantage for our school."

As Highworth Grammar School already had a quality network infrastructure in place, no pre-survey was required so Redway's engineers proceeded directly with the setup, configuration and deployment of the access points and switches with a post installation survey to confirm the network met the school's coverage and capacity requirements.

Rob says: "The installation service we received from Redway Networks was top class. Its engineers were extremely professional with outstanding technical expertise."



“With Redway Networks’ professionally designed Wi-Fi we now have the network in place to support our school for the next decade.”

Rob Doubtfire, IT Manager, Highworth Grammar School

Highworth Grammar school is now benefiting from a completely solid, future-proofed Cambium solution that's delivering high-performance but without the premium price of similar vendors. The network infrastructure can now be managed from a single cloud-dashboard which has simplified network monitoring and troubleshooting.

Rob says: "The main benefit we've seen since Redway Networks deployed our new wireless network isn't necessarily the specific technical improvements but the overall stability and reliability of Cambium's Wi-Fi - it 'just works'. We can now support digital learning far more effectively with increased network capacity in the classrooms and faster, more reliable Wi-Fi access to online tools. Cambium's cnMaestro platform is intuitive to use and provides complete visibility of all devices with a well-structured configuration which has made network management straightforward and efficient."

"With our professionally designed wireless solution from Redway Networks coupled with its excellent support, we now have the network in place to support school operations for the next decade."

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Rob Doubtfire, IT Manager, Highworth Grammar School

