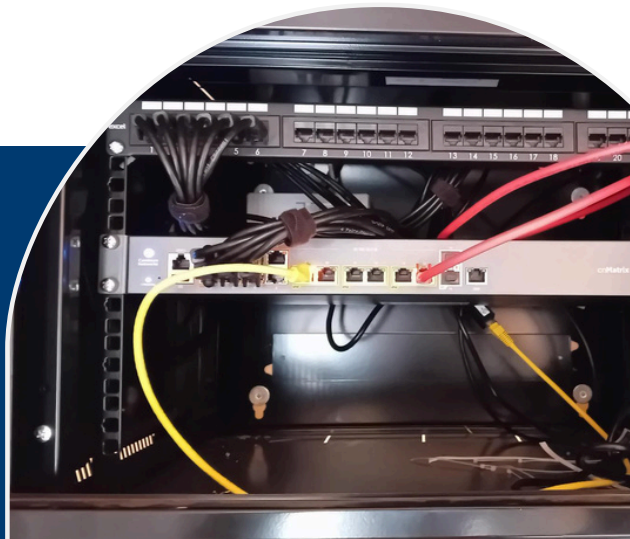


REZOLUTION ICT LTD

Resolution ICT Brings Connectivity to Street Lane Primary School



THE CHALLENGE

Street Lane Primary School in Derbyshire faced an increasingly common issue: outdated network infrastructure that struggled to meet modern demands. Their existing Xirrus XR620 wireless access points (APs) had long been deactivated from cloud management and end-of-life switch equipment in network cabinets posed a significant risk to the school's operations. These connectivity issues disrupted teaching and learning, leaving staff and students frustrated.

With a limited budget, the school sought a high-performing solution to replace its active network infrastructure. Key requirements included a multi-gig switching and Wi-Fi 6 solution while reusing the existing Cat6 cabling to minimise costs.

THE SOLUTION

Resolution ICT, a rural Managed Service Provider and trusted Cambium Networks Connected Partner, stepped in to design and implement a cost-effective, high-performance network upgrade. The project focused on installing Cambium Networks products that delivered reliability, speed and scalability.

The deployment included:

- **Two cnMatrix EX2016M-P Switches** and one **cnMatrix EX2052 Switch** for the network cabinets.
- **Six Cambium XV2-2 Wi-Fi 6 Access Points**, providing connectivity in each classroom and the external block.
- **cnMaestro's Cloud Management Platform** offers robust control and monitoring of the entire network.

The installation was carried out by a team of two engineers outside of school hours to minimise disruption. The entire process, including configuration of the cnMaestro portal and extensive testing, was completed in just one day. All APs were tested rigorously for bandwidth and roaming capabilities, ensuring uninterrupted performance across approximately 120 client devices, including Windows PCs, iPads and Android devices.

AT A GLANCE

Challenges

- Outdated network infrastructure
- Limited school budget
- Connectivity issues affecting learning

Benefits

- High-speed, reliable Wi-Fi
- Cost-effective network upgrade
- Improved cloud-based access

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THE RESULTS

Following the upgrade, Street Lane Primary School has experienced a dramatic improvement in connectivity. Students and staff now enjoy full-fibre speeds and consistent access to critical resources, such as Microsoft 365 apps, OneDrive, Teams and curriculum-specific software. The issues that once plagued teaching and learning are a thing of the past.

Feedback from the school has been overwhelmingly positive, with staff highlighting the network's stability and speed as key benefits. Resolution ICT's efficient design and installation met the school's technical and budgetary needs, leaving them as happy customers.

WHY CAMBIUM NETWORKS?

Resolution ICT has worked with various networking vendors, including Cisco Meraki, Ruckus and TP-Link. However, Cambium Networks consistently stands out for its stability, speed and cost-effective solutions. The combination of trusted products and Purdicom's excellent communication and support made Cambium an easy choice for this project.

LOOKING AHEAD

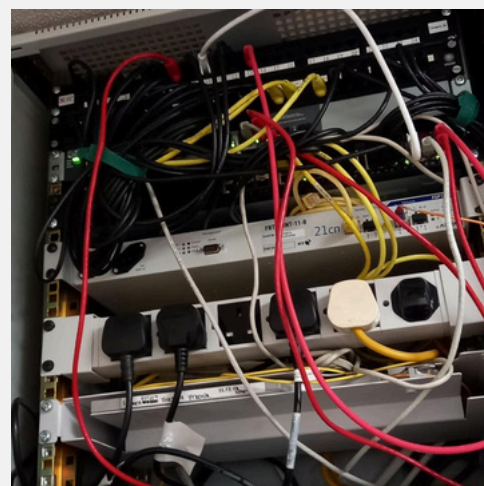
Resolution ICT's partnership with Street Lane Primary School doesn't end here. Plans are already in place to revisit the network in 6-7 years for a comprehensive survey and potential enhancements. For now, the school's new infrastructure ensures they're well-equipped for the demands of a digital learning environment.

ABOUT REZOLUTION ICT

Resolution ICT specialises in network and wireless installations, cloud technology migrations, cybersecurity and VoIP solutions. Their expertise and commitment to delivering tailored solutions make them a trusted partner for educational and business organisations.



BEFORE



AFTER

