

BROCHURE



Cloud Networking Solutions  
for Education



## Create an effective learning environment for all your students and staff with a future proofed network.

At Redway Networks, we are independent networking specialists with expertise in the planning, design and installation of enterprise wireless and wired networks that help schools and colleges improve the student experience. We use leading, proven technology that supports new models of teaching and learning.

We provide the infrastructure and technology to enable hybrid learning, transformative experiences, and innovation across your school or college, with a complete view of your network through a single pane of glass. Through our partnerships with the world's leading networking vendors, we deliver complete cloud networking solutions using 'best of breed' design methodologies and products at the forefront of technology.

We can help you replace your school's outdated, legacy equipment with next-generation WiFi, Switching and Security for superior connectivity and user safety.

If you're not ready to take the leap to WiFi 6 and have network concerns, we can help you improve the performance of what you have until you are ready to upgrade to a more superior network, wireless or firewall.

- Deliver equity of access to learning for all your students
- Maximise IT impact with lean budgets
- Save time and do more with less
- Protect against cyber-attacks
- Deliver new models of teaching and learning
- Improve online and physical student safety

### Meraki WiFi 6 for John Warner School

**"The service we received from Redway Networks was brilliant. From the initial phone conversation, through to product recommendations, design period, implementation, and final survey - everything was 100%. Cisco Meraki has delivered significantly improved coverage with faster WiFi and protection against the latest security threats."**

Chris Baker, IT Network Manager, John Warner School



## Professional WiFi Surveys

A professional WiFi survey is a vital part of planning and designing your new wireless network and can mean the difference between an average or outstanding performance. We specialise in Ekahau the leading accreditation and technology for enterprise wireless design and troubleshooting and all our engineers are Ekahau Certified. We will guide you through the complete design process so you have an affordable, resilient solution that will support your school's future network capacity for the next ten years.

Our WiFi surveys include:

- Professional Onsite Surveys
- Predictive surveys
- New wireless design surveys
- Fault finding and remedial works
- Pre and post-deployment surveys

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**A professional WiFi Survey and blueprint for a new future wireless solution for Blackburn College**

**“The service we received from Redway Networks was exceptional. Following the findings from our WiFi survey Redway was able to optimise our existing access point locations to give us more density in the classrooms which was a real help.”**

Imtiyaz Patel, IT Services Manager,  
Blackburn College

## WiFi 6

We are education wireless experts and provide WiFi 6 solutions that power new and improved user experiences. Our WiFi 6 solutions offer faster speeds for enhanced access to learning applications and more density for classroom environments. We only partner with the leading wireless technology vendors that are fit for purpose so whether you are a small primary school or large university, you will benefit from seamless connectivity, more reliability, superior security and faster WiFi speeds, with complete network visibility and easy cloud-management.

Schools, colleges, and universities are seeing increased use of new learning technologies like immersive learning via augmented and virtual reality and with the cost of AR/VR reducing, we will see these technologies becoming more and more important for learning, hence the need for superior WiFi.

- Consistent data throughout in dense classroom environments
- Wider coverage range
- Increased reliability and reduced disconnections
- Additional frequency spectrum for future educational technology and IoT
- Power savings for wireless devices
- Improved outdoor performance

## WiFi 6/E

The new WiFi 6E extends into the 6GHz spectrum and brings you faster speeds, lower latency, and more security to the network. This is important to education establishments as WiFi 6E can increase productivity through delivery of fast and ultra-responsive cloud applications, improving student experiences and removing barriers. It offers security with mandatory WPA3, reliable connection due to less interference on the new spectrum, and increased capacity to support dense classroom environments with no compromise in performance.



## Systems Management

Our cloud-based systems management solutions enable you to manage the deployment of all your devices and applications. Devices will connect securely to the cloud, enabling you to locate devices, deploy software and applications, deliver content, enforce security policies, and monitor all your devices through an intuitive and powerful web-based dashboard. You will be able to seamlessly manage and control thousands of iOS and Android devices, Macs, and PCs via a secure, browser-based dashboard.

- Network management from a single dashboard
- Complete visibility and control from the top of the network to the edge from WiFi, switches, Firewall to client devices
- New updates are delivered effortlessly to the dashboard via the cloud
- Intuitive dashboard enables IT to configure and deploy in minutes

Wakefield Grammar School Foundation replaced its legacy wireless with the latest WiFi 6 technology from Meraki to support its 1:1 learning programme.

**“We’ve seen lots of IT benefits as all our information is now in one centralised cloud managed dashboard with click and point granularity, so searching for top applications, users or devices is easy. Before Meraki we had to export all this information into Excel then filter the data to find the answers, but now this visibility is quick and easy through the systems manager dashboard”.**

Simon Cunningham, Infrastructure and Security Manager, Wakefield Grammar School Foundation



## Next-generation Gigabit core and edge switching

Network switches are the foundation of any school or college network and are expected to last anywhere from 5 to 10 years or more. In today's modern networks, switches must be highly reliable, easy to manage at scale, and compatible with the latest technologies for the foreseeable future as your network grows.

There are many components to installing and maintaining a healthy switching network, and each requires dedicated resources. At Redway Networks, we provide cloud networking technologies as these can drastically reduce the amount of time and effort necessary to maintain a modern school network, whilst still providing a secure, efficient, and reliable solution.

We provide zero touch cloud provisioning solutions to schools and colleges that deliver low total cost of ownership as they reduce the costs associated with configuration and significantly recover the costs of a network refresh over the lifetime of the deployment.

- Visibility and control over a school's entire edge network
- Ability to configure many stacked ports simultaneously with zero-touch provisioning
- Identifies and classifies traffic, applications and devices across the network
- Delivers complete network visibility and defends against threats

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A new future-proofed , competitively priced network for Jarrow School.

**“Redway Networks gave us an outstanding experience. From our initial contact through to the network implementation, handover, and value for money everything was second to none. Our infrastructure is the backbone of our school so getting the project right first time was crucial, which is why we turned to Redway Networks.”**

Ian Brown, Leader of ICT Development, Jarrow School

## Cloud Managed Firewalls and SD-WAN

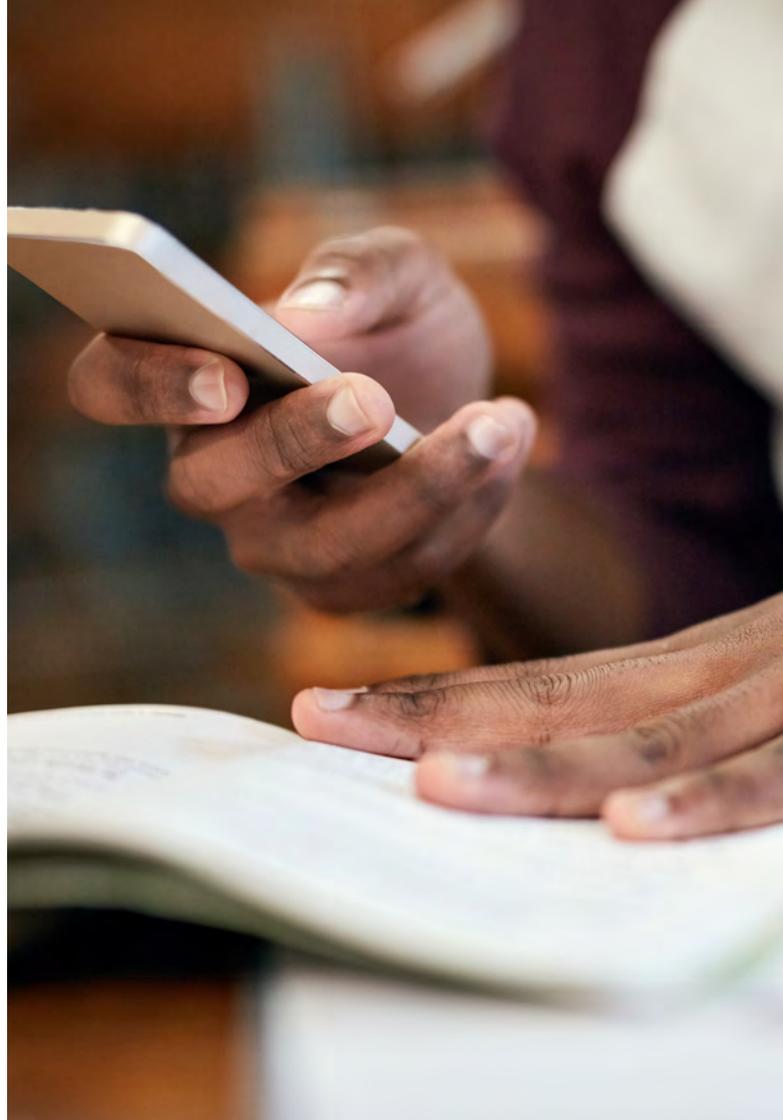
Network security is a top priority in the education sector as with the number of connected devices increasing so does the threat, so your network protection needs to adapt in line with your network to safeguard your school or college against cyber-attacks. At Redway Networks, we know the importance of keeping your network safe so provide a range of threat management solutions that protect your network, from security and SD-WAN to cloud-managed firewalls and web filtering software. All our solutions are from the world-leading security vendors and are cloud-managed meaning installation and remote management are simple.

- Comprehensive suite of network services
- SD-WAN and auto VPN capabilities
- Application-based Firewalling
- Content and Web Filtering
- Intrusion detection and Malware protection

Horsham District Council replaced two legacy firewalls and complex infrastructure with a next generation Meraki MX Series cloud-managed security solution.

**“Our new Cisco Meraki firewall has not only improved our security posture and network management but will save us £30,000 in upgrade and support costs over the next five years. The service we received from Redway Networks was brilliant and I would absolutely recommend them 100%.”**

Faz Sadough,  
Senior IT Engineer, Horsham District Council



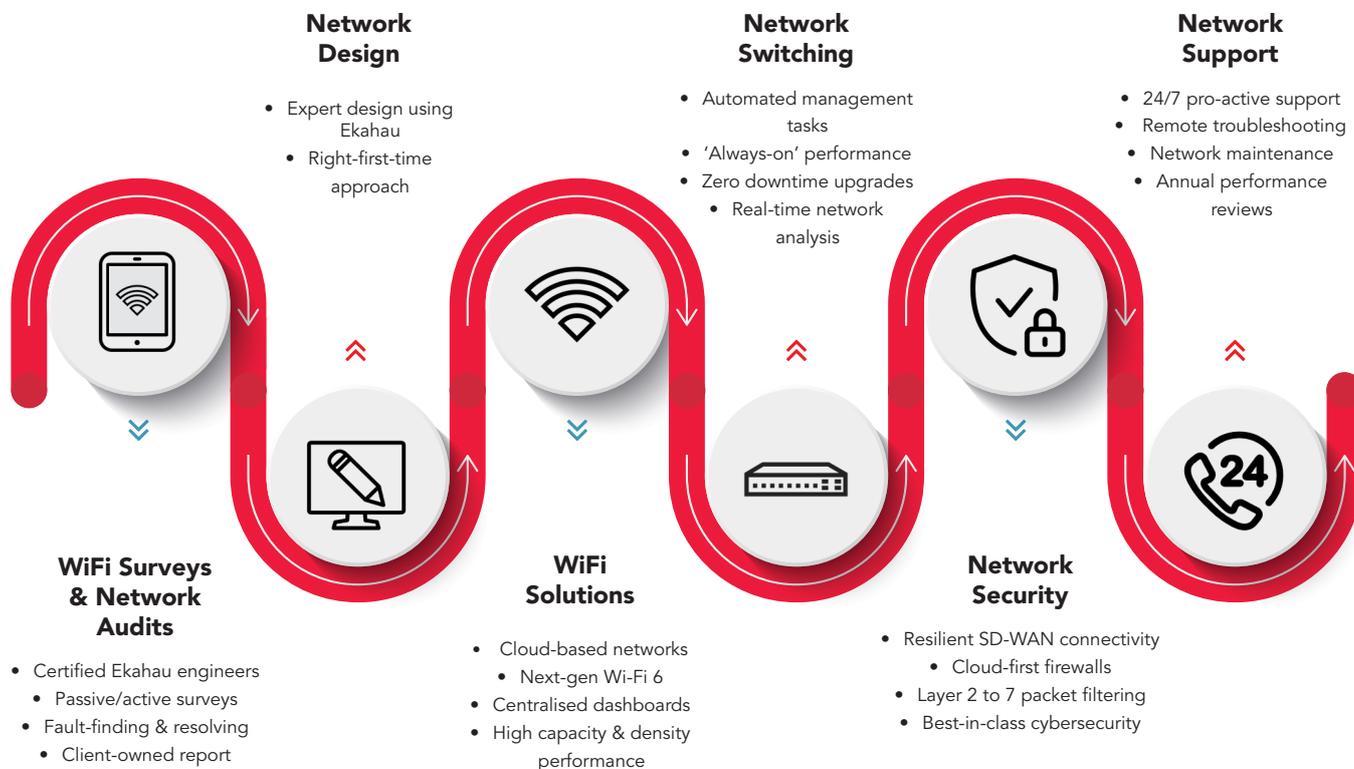
## Full installation and support services

Our certified network engineers provide the highest levels of technical product advice and go 'above and beyond' to deliver an exceptional service with a right first-time approach. From the start of your project, our focus is to deliver a strong design based on accurate data and our experience in the education sector, so your school, college or university gets optimum performance from its new network. We always place superior customer service at the core of our business, which is why we are 100% client recommended.

**“The support we get from Redway Networks is great, if ever there's an issue their engineer gets back to us straight away.”**

Bobby Wallace, Group IT Services Manager  
Mowbray Education Trust

# Enterprise wireless and networking solutions you can trust



## About Redway Networks

Redway Networks is a leading independent networking specialist with expertise in the planning, design and installation of enterprise-wide wireless and wired networking solutions that deliver an affordable, scalable solution for improving connectivity and efficiency for businesses and education.

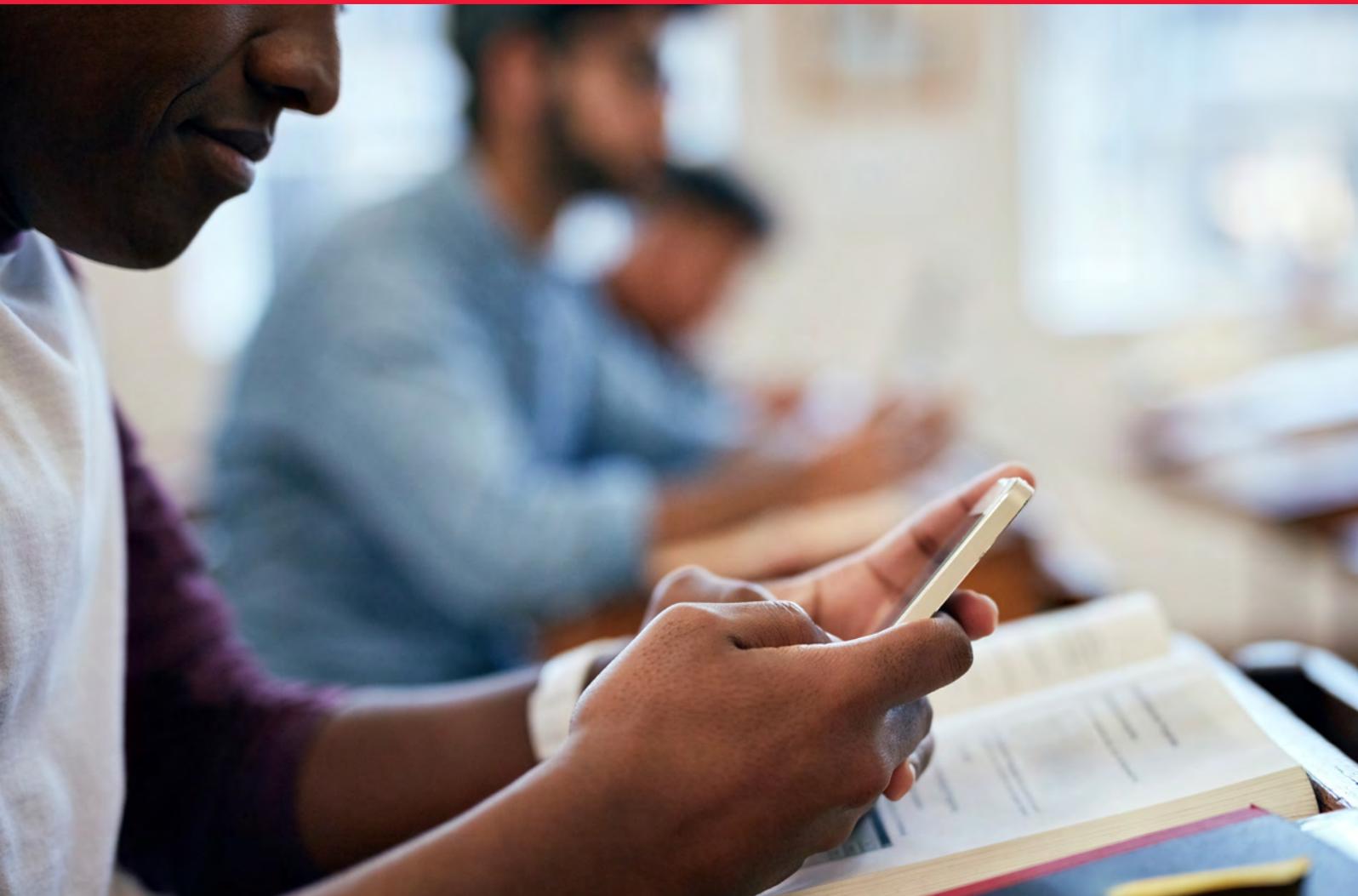
We only partner with the leading technology brands and all our network engineers are highly qualified and experienced. You can be sure that a cloud-networking solution from us will deliver a hyper-secure, robust network infrastructure that is agile and scalable for supporting your future technology needs.



Schools within the Mowbray Education Trust were struggling with insufficient wireless coverage so the Trust instructed Redway Networks to conduct several on-site troubleshooting surveys and remedial works to improve performance.

**“The service we received from Redway Networks was brilliant... faultless... and easy from top to bottom. All I can say is that they really got the job done.”**

Bobby Wallace,  
Group IT Services Manager, Mowbray Education Trust



Wireless & Networking Solutions. Made Simple.

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