

WiFi 6E leads the way in Financial Services

Sector:



Financial Services

Products:



Wireless LAN (Meraki MR)



Meraki Dashboard

Services:

Technical Wi-Fi surveys, wireless configuration, installation & support.

Highlights:

Next-gen Meraki WiFi 6E has delivered many benefits for the bank including:

- Latest WiFi 6E technology and WPA3 security protocols
- Scalable network to support modern working
- Improved network security
- Faster office WiFi
- Greater WiFi capacity
- Support for IoT and new technologies

UK challenger bank meets its network challenges with high-density WiFi 6E from Redway Networks

Staying ahead of the curve meant the replacement of this bank's ageing wireless network to a future-proofed, secure, Cisco Meraki solution.

With a dynamic office space that reflects its culture and modern ways of working, it was looking to enhance the operational excellence of its teams with a future-proofed, scalable wireless network.

In its London office, no two days are the same. Flexible working hours, unstructured attendance and the move from set desks to working in group areas meant the new wireless network had to be scalable enough to accommodate all office scenarios - including high-density use out of the blue.

"Meraki has delivered robust capacity, fast wireless speeds, enhanced security and the freedom of 6 GHz all managed in the cloud."

Leigh Hayes, Director, Redway Networks

.For the purpose of this case study the bank asked to remain unnamed



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Bank requires greater network security

With its aging WiFi 5 access points limited to WPA2 wireless protocols, the bank wanted to address any network vulnerabilities with stronger data encryption and network access controls. This meant an upgrade to make use of the latest 6GHz WiFi spectrum which incorporates the latest WPA3 security protocols. WiFi 6E would also provide faster connection speeds and greater capacity to support the bank's 'work anywhere, your way' office environment.

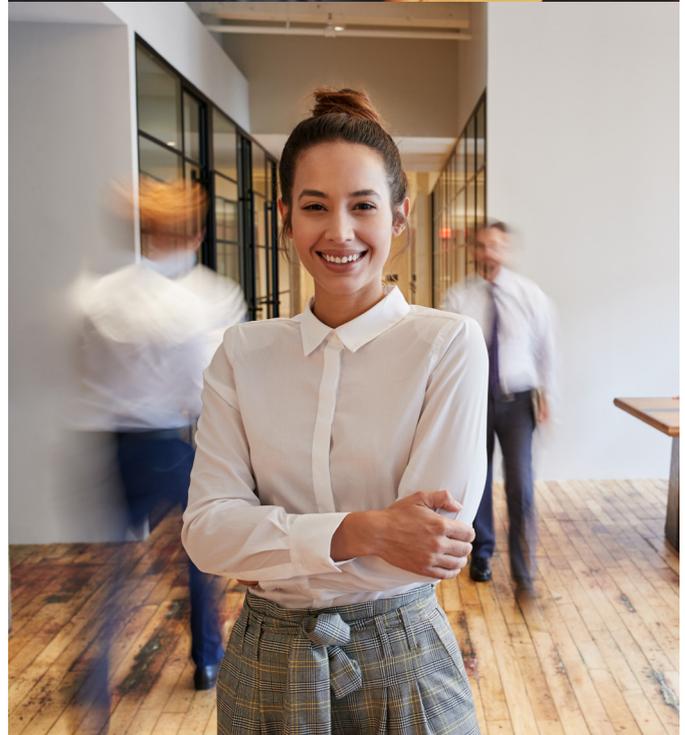
Redway Networks recommends Cisco Meraki

To make this important transition, the bank chose Redway Networks to conduct a technical WiFi survey at its corporate office in London. Once the network requirements had been identified, Redway Networks recommended a Cisco Meraki next-generation wireless solution including Meraki MR57 WiFi6E cloud-managed access points. Meraki is highly scalable and would provide the best levels of security available to protect the network.

Bank staff enjoy benefits

A key advantage of the Meraki MRs is that each access point is equipped with built-in wireless intrusion protection and intrusion detection systems. These systems continuously scan their environment in real time and take pre-emptive action against various threats based on intuitive user-defined preferences. Meraki's combination of cloud-based management and flexible remediation policies makes it particularly beneficial for security-conscious networks like this bank.

With Meraki, staff are now enjoying the benefits of 6GHz in the office. They are now able to experience faster browsing speeds and better WiFi coverage with quick response times from network-connected services. And as the bank moves towards newer technologies its Meraki network will deliver the perfect step-up to the future.



WiFi 6 vs WiFi 6E

WiFi 6E is an extension of the WiFi 6 wireless standard into the 6-GHz radio-frequency band. WiFi 6E builds on Wi-Fi 6, which is the latest generation of the Wi-Fi standard, but only Wi-Fi 6E devices and applications can operate in the 6-GHz band.