

Establishing a reliable and scalable WLAN for innovative signal compression technology company



Client Profile

V-Nova is a software IP company delivering game-changing encoding solutions that address the challenges of the global explosion in video traffic.

V-Nova is at the heart of digitalisation, serving multiple industry segments, including TV and media, aerospace, security, medical imaging, financial institutions, gaming and videoconferencing.

Launched in April 2015, V-Nova boasts one of the most experienced and innovative encoding teams in the world, based at its London headquarters.

Client Testimonial

“ Our experience with Autodata has been very positive. When we mentioned our WiFi issues they were quick to respond and provide information and advice for our complicated network structure.

Autodata provided a comparison of products and enabled a Meraki demo very quickly. The Meraki product fulfilled all our requirements and Autodata implemented the solution in record time.

Thanks to Autodata and Meraki, we now have a robust, reliable and easy to manage wireless system. ”

I.T. MANAGER, V-NOVA LIMITED

Business Need

V-Nova is a rapidly-growing technology company with ambitious international expansion plans. Its headquarters are situated on the eighth floor of the prestigious One Sheldon Square development in London's Paddington, which is subject to a highly-congested WiFi environment. V-Nova's offices comprise workspace and meeting rooms for on-site staff, along with a modular product theatre that facilitates demonstrations for up to fifty guests.

As a leading innovator of high-definition video streaming and compression software, V-Nova requires consistent throughput capabilities on their wireless network. They had started to outgrow their existing Cisco wireless system and were also experiencing WiFi interference issues. Their I.T. Manager expressed an interest in maintaining a Cisco-based solution, but desired increased agility to monitor and manage individual networks on-the-go.

Solution

Firstly, Autodata worked with V-Nova to evaluate the existing configuration and consolidate their future network requirements. This included the areas to be covered, minimum connection speed required, expected user densities and service levels, applications to be delivered, frequency bands and standards to be supported, and resilience expectations.

Autodata's technical team then carried out our advanced Wireless Site Survey using RF and spectrum analysis to identify channel information, channel overlap, signal strength, connected hardware information, security issues and sources of interference. Based on the survey results, we recommended Cisco Meraki and arranged an online demonstration to introduce the Meraki GUI. Despite being reticent to move away from his existing Cisco Enterprise wireless solution, V-Nova's I.T. Manager was ultimately won over by the ease-of-use and agility of Meraki's cloud-based management platform.

Autodata subsequently installed and deployed Meraki Wireless Access Points using V-Nova's existing corporate and guest VLANs, conducted a post-deployment survey to confirm network verification and user satisfaction and provided on-site training with a full handover.

Result

V-Nova are very happy with their new wireless environment and users no longer experience any WiFi issues. Their I.T. Manager is extremely impressed that the licensing process has been so straightforward and that his new Meraki dashboard is so easy to use.

Meraki's multi-platform solution provides V-Nova with a number of key benefits including the ability to monitor, control and test individual networks from any location at any time via a mobile device. Its dedicated security radio can shut down unwanted external networks and disable rogue access points, and its mesh networking capability adjusts to outside interference in real-time to optimise performance and coverage.

As technological innovation is the driving force behind V-Nova, employing dynamic and unified technical solutions provides far greater value to the business than administering traditional system tasks or working with third-party tools that provide less insight.

Ultimately the Cisco Meraki portfolio is the perfect match for V-Nova's wireless needs. As V-Nova's business grows, their wireless infrastructure will continue to adapt accordingly.