



Wi-Fi issues at health care regulator resolved by TP-Link 150Mbps Wireless N Nano Router TL-WR702N

General  Council

Optical Council

Industry: Authority

Location: London

Profile: Optical Council are the regulator for the optical professions in the UK. Their purpose is to protect the public by promoting high standards of education, performance and conduct amongst opticians. They currently register around 26,000 optometrists, dispensing opticians, student opticians and optical businesses.

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The Issue

Headquartered in a long, thin, 3 story Victorian building in Harley Street, London, a health care regulator struggled to provide its management team and visiting members with a reliable wireless internet connection. Due to the buildings age and shape the Wi-Fi router could only provide a wireless signal to the middle of the building leaving many meeting rooms and offices in a Wi-Fi black spot. Faced with the disruption, potential damage and cost related with running Ethernet cables throughout the building, Jassen Payen, IT Officer was convinced that improving the Wi-Fi range was the only realistic option.

Necessary Wi-Fi

As a regulator, members regularly use the building for meetings and training making universal Wi-Fi a critical part of the overall IT strategy. Using the SSID facilities on the organisation's router to create a separate guest network, the IT team can provide visitors with Wi-Fi access whilst maintaining the privacy and security settings of the main network. To increase efficiency and transparency the regulator is implementing a paperless office which relies on fast, reliable network access. In addition to visitors, many of the Council members bring their own devices and use smart phones. "It's my job to make sure that employees and visitors have the facilities available to do their jobs efficiently. Today most people carry at least one smart device which makes Wi-Fi an essential part of our network infrastructure," commented Jassen.

Solution

With just two TP-LINK WR702N 150Mbps wireless nano routers, representing a total investment less than £40, Jassen was able to solve the connectivity issues. One device was connected to the enterprise wireless router and retained all the routers SSID security features to provide a guest network whilst maintaining the security and privacy settings for employees within the building. The other nano router has been deployed as an Access Point which is set up in meeting rooms to guarantee a good wireless signal. "The WR702N is a great little device. Once connected with the router, I can pick it up and move it round the building. It saves all the settings making it so easy to use," said Jassen.

Easy Set Up

Using the set up wizard it took Jassen less than 10 minutes to configure the nano router. "Since using the WR702N we have found it to be a really reliable solution. It's quick and easy to configure. Even better it's totally transparent to users. It's also extremely versatile. It can be configured as a travel router for colleagues out on the road or at off-site meetings improving productivity and reducing costs," commented Jassen.

