

# The benefits of Wi-Fi 6

Wi-Fi 6 offers advanced developments regarding device capacity, coverage, performance and security, delivering greater throughput and capacity than previous generations of Wi-Fi. Simply, not only is the latest standard faster, better, stronger, securer and more reliable, Wi-Fi 6 can provide bandwidth and capabilities that match the performance of that of ethernet cabling, yet with added flexibility. As a result, this is making Wi-Fi 6 an attractive proposition for many companies for their office connectivity.

## Wi-Fi 6 offers interoperability with 5G

Integrating 5G cellular services into Wi-Fi 6 can create a seamless transition ensuring there is very little to no dropout on video calls and connected applications to the corporate network.

## Reliable network performance when running multiple applications over the IT network

If they hadn't done so before, the pandemic caused many businesses to adopt Unified Communications (UC) and Cloud strategies. Having an appropriate network, like Wi-Fi 6, in place means employees and businesses can enjoy consistent, reliable network performance when running multiple applications over the IT network and internet, ensuring productivity and collaboration between staff remains high.

## Wi-Fi 6 doesn't just deliver better device performance; it also handles and manages greater traffic levels at the router level

Congestion is one of the primary reasons why a wireless network could be underperforming, but with the latest generation of Wi-Fi, the larger antennas that are installed in the Wi-Fi 6 Access Points (AP) ensures a greater number of users can be connected in dense or crowded environments, whilst still enjoying a reliable and fast wireless experience.

## Improvement in security features

The latest technology in Wi-Fi 6 also marks an improvement in security features with the introduction of WPA3. Wi-Fi Protected Access 3 (WPA3) offers enterprise encryption levels with no known flaws as well as new guest standards and capabilities by sharing individual pre-shared keys to encrypt traffic between personal devices and access points.

