



Increase Your Wi-Fi Capacity With Motorola's Fifth Generation LAN for 802.11AC

As demands on 802.11n Wi-Fi network bandwidth dramatically increase, your customer's network could be under strain from the growing number of Wi-Fi users consuming more data with mobile devices and bandwidth-hungry Apps. Greater wireless throughput and denser networks of wireless access points (APs) are needed to meet the needs of these enterprises – which drove the IEEE to develop a 1Gbps+ WLAN standard – 802.11ac.

Key Benefits of 802.11ac

- Delivers faster speed to help alleviate bandwidth challenges, reduces interference, and increases battery life of 802.11AC clients.
- Provides WLAN capacity to support the exponential growth of mobile devices.
- Enables access to high-bandwidth applications such as mobile video and streaming media.
- The standard specifies WLANs running exclusively in the 5 GHz band, so it is backward-compatible with 802.11n devices running at 5 GHz.

Motorola Solutions' 802.11ac Wireless Suite

The 802.11ac wireless suite of access points from **Motorola Solutions**, along with WiNG 5's intelligent architecture built for fifth-generation networks, allows your network to grow without growing pains. You can be ready for the future today. With the 802.11ac suite, including the AP8232 and AP8222, you can reduce costs, raise quality of service at the edge, and bypass bottlenecks using WiNG 5's unmatched flexibility and expandable module architecture. Seamlessly and simply migrate and integrate both 2.4 GHz and 5 GHz clients and applications while increasing capacity to 1.3 gigabytes per second. Increase the performance of 802.11n clients by up to 50 percent to handle monster bandwidth applications without a glitch. Can select the right AP from Motorola's flexible options to support a wide variety of deployment scenarios.

Talking Though Transition

The question is – should your customer refresh their wireless network today; is there a benefit to go with 802.11ac or should they stick with 802.11n infrastructure? Though there are only a small number of mobile 11ac devices today, in October 18, 2012, ABI Research forecasted that 70 percent of all mobile devices will be 11ac by 2015. This means if they deploy an 11n network, it could be out of gas two years into a five-year lifecycle investment. New 802.11ac devices will be rolling out so future proofing your network with 11ac to extend the life of that investment makes a lot of sense. In addition, 802.11ac APs will support greater effective throughput even for 11n clients and improved battery life for 11ac clients. When your customer is ready to transition to 802.11ac, make sure you're ready with Motorola's 802.11ac suite of wireless LAN products.

For more information, visit www.gnswireless.com