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**Discover More about
Wave 2 Wireless Solutions**

More and more each day, businesses are unplugging their Ethernet cables and going completely wireless. But as technology advances, so too must wireless speeds. Everyone wants faster, stronger, more secure.

So what's the next step in wireless evolution? It's called 802.11ac – commonly known as Wave 2 Wireless. And it's the next logical step for your business. Here's why:

You Can Achieve Some Crazy Fast Speeds

Wave 2 Wireless expands heavily on the former Wave 1 version with 160 Mhz bandwidth channels. These are the rates data is passed from device to device. Wave 2's enlarged channels grant “wired-like” performance and reliability, creating an environment for much faster speeds for all your file transmissions. With Wave 2, you could very likely regularly achieve the top upload/download speed allowed by your Internet provider – and can scale up to a mind-numbing speed of 2.5Gbs per second. For you, that translates to always having the capability of top wireless speeds, regardless of how fast the Internet may become.

Wave 2 also features MU-MIMO, or Multi-User Multiple Input/ Multiple Output. MU-MIMO runs on a different channel than Wave 1, which not only greatly reduces the chances for interference, but also balances out speeds for all connected users.

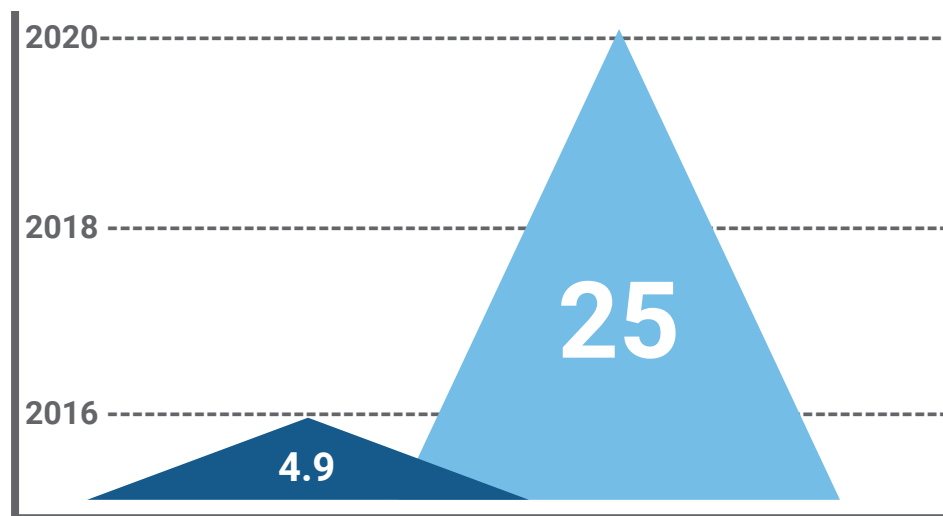


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Wave 2 Prepares You For The Future of Wi-Fi

In the not-too-distant future, many more things we'll rely on in our daily work lives will operate through a Wi-Fi signal. Things like doors, badges, office and medical equipment – almost anything else you can think of which currently requires wired or manual assistance will be run wirelessly. In fact, Gartner forecasts we will have 4.9 billion things connected by wireless by the end of the year, hitting 25 billion by the year 2020. All of these new items will put a real burden on your wireless router, which should be easily handled by Wave 2.

Another great aspect of Wave 2 is that it can easily support indoor and outdoor access points. If your office or campus is equipped with an outdoor access tower, you can take the class or the office team to work outdoors on a beautiful day, or just go on a walk on-site between buildings, and still remain connected to the Internet. Some rural areas and public parks may even feature them, allowing you to connect while out in the woods. Along with additional opportunities for access, Wave 2 allows for much stronger security protocols. So if you allow your team to bring their own devices (BYOD), Wave 2 helps to ensure your data (and their devices) remain safe from outside attack.



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Talk to Troinet about Wave 2 Wireless Solutions

The time of future wireless solutions is now, and Troinet is your expert provider for managed IT services, maintaining regulatory compliance, Cloud services, and yes, Wave 2 wireless solutions. We're ready to talk to you about boosting your office's wireless speeds, efficiencies, and productivity.



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