

How strong is your Wireless?

Wireless internet access is constantly evolving just like every other technology. Recently we at Titonka-Burt Communications ceased selling Wireless Routers as the technological evolution was falling short of the customer needs for coverage and speed.

Currently there are five generations of wireless technology and the degrees of quality from one product to the next are shocking. Many of our customers still have 3rd generation wireless routers called the 'G' standard which can only pass about 10 megabits per second of data. While 10 megabit is a lot; our minimum service offering is 25 megabit. For the baseline services we offer at TBC, that's two and a half times more than these older routers can process! 4th generation or 'Wireless-N' units can provide up through 25 megabit access to devices in the home but that's still insufficient for the needs of users with multiple devices or heavy users.

Enter 5th generation WiFi, the 'AC' standard. Consumer AC wireless units can reach our current premium residential tier of 100 megabit but may not be able to answer that demand with multiple devices. The second problem becomes 'coverage', how far the wireless router can reach. Many consumer-level devices that you'd buy at a big-box store or from an electronic wholesaler cannot reach every corner of your home. These concerns are heard and we have a solution.

TBC has ceased selling consumer-grade products due to these deficiencies. We now offer commercial-grade products under our new [Managed WiFi Service](#). We wanted consistent access and the ability to upgrade to the soon-to-be released 6th Generation of wireless technology that was affordable/economical for our customers.

Managed WiFi offers you a scalable solution with full support to extend your network beyond the walls of your home and potentially into nearby out-buildings if you have them. Our Smart Gateways offer far more range than the consumer products which fill in the dead spots in your home. Not enough range? We offer Smart Extenders that provide a seamless extension of your coverage using a technology called 'Mesh networking'. These devices aren't much larger than an air freshener, plug in and extend your network. Be it a phone, laptop, tablet or something else, you can move about your property with seamless coverage and the Managed WiFi system keeps you connected to the strongest source.

Then there's the throughput or speed available. [TBC's Managed WiFi](#) is currently built on the 5th generation standard but to a commercial grade. Instead of ten or twenty device limit, ours can allow over a hundred unique devices to access to the internet; that's a LOT of connected things for even the most elaborate home! Unlike the consumer products, our Smart Gateways and Extenders can provide over 200 Megabit per second access to multiple devices in the home. This capacity lets you, the consumer experience consistent access to the internet services for so many devices in your home.

Finally there's the question of 'what happens next'. With TBC we provide the option for you to either buy or lease our Smart Gateway. If you buy the device, we're happy to provide that technology to you. On the other hand if one chooses to lease the Managed WiFi we will upgrade you to a 6th generation technology when your usage demands that additional power. Further under the Managed WiFi lease, we have the ability to support you with a comprehensive technology that helps us diagnose connection issues and optimize your access to the internet. Read more about the benefits of [TBC Managed WiFi Service](#).