

Managed Wi-Fi

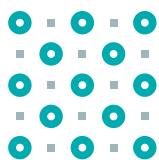


Internet issues be gone. TPx boosts your productivity with secure, fast and easily accessible Wi-Fi connectivity.

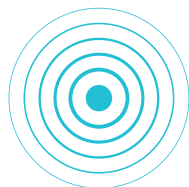
Forget spotty connectivity and Internet cables. To keep up, businesses today need reliable, secure, and fast networks that can handle growing number of devices, cloud applications, and dispersed workforce. Luckily, Wi-Fi 6 is here! Designed for the technology trends of the future, Wi-Fi 6 (aka 802.11ax) will improve high density performance and provide faster throughput. TPx managed Wi-Fi service optimizes this blazing speed and provides unrelenting reliability to your wireless LAN.

Why let TPx manage it?

- Award-winning service provider
- Seasoned network experts at your disposal 24/7
- Free up staff capacity to focus on business growth
- Multiple service options available
- One-stop shop — from Internet and voice services to IT services; from WAN to LAN down to the endpoint



Consistent data throughput in dense environments



Wider coverage range



Blazing speed



Unrelenting reliability



Greater capacity



Better security



Power savings



Improved outdoor performance



The next several years will see a 50% increase in networked devices per person, resulting in an average of 3.6 connected devices per person.



Wide range of deployment options — from low density open spaces to large, high density corporate offices.

Upgrade to the next-gen Wi-Fi

Wi-Fi 6 technology provides higher data throughput, wider coverage range, increased reliability and longer battery life for wireless devices. Managed by the experts at TPx, it helps your business increase productivity by allowing your employees to work more freely and on more devices with an added overlay of security and control. With the exponential increase in wireless devices, legacy Wi-Fi networks are struggling to keep pace. When connecting wirelessly to a network, most people don't worry about how it works, they just want it to work - and to be fast.

This is more important than ever as we connect more and more devices wirelessly, increasing the bandwidth required in order for the network to work properly. When the Wi-Fi seems slow — or one can't even connect to it — frustration follows and productivity stops.

Most people are not Wi-Fi experts and automatically attribute the problem to the issue with the network, but in reality it can be many other things, bandwidth limitations, bottlenecks, interference, or compatibility issues to name a few.

How TPx helps

Our experts can handle the deployment of Wi-Fi 6 and optimize it for best performance and security. Should you have issues with your network, our staff can quickly determine if Wi-Fi is really the issue or the problem is elsewhere, keeping your business productive and saving you money. As Wi-Fi networks grow in size and complexity, so will the issues associated with radio interference and security. TPx has the technology and staff to deal with those issues quickly and effectively. TPx makes sure it not only works, but it is secure as well. We control access to the wireless networks as well as what happens on it. Hackers love wireless but a properly configured Wi-Fi network that utilizes new technology can reduce the chances of a cyber-attack by preventing things like Wi-Fi spoofing or rogue access points.

TPx Managed Wi-Fi Benefits

- Extends TPx's award-winning managed services into the customer LAN for better performance, enhanced security and peace of mind.
- Enterprise-grade wireless network access

- Complete range of Wi-Fi 6 Certified models providing a seamless user experience, with faster connections, greater user capacity, and more coverage
- Reduced downtime thanks to remote, live troubleshooting tools combined with networking experts
- RF optimization with real-time spectrum analysis, which enables high performance wireless in dense, demanding environments
- Network visibility into the network users, their devices, and their applications for rich analytics — so businesses can quickly implement usage policies, optimizing both the end-user experience and network security

Wi-Fi 6 Benefits

- Higher data throughput (up to 4.8 Gbps) in dense environments
- Wider coverage range
- Increased reliability and reduced disconnections
- Additional frequency spectrum for IoT and other devices
- Power savings and longer battery life for wireless devices
- Improved outdoor performance
- APs that are backward-compatible with legacy clients

Powerful, enterprise-grade feature set

- Wireless health heuristics engine
- Layer 7 application QoS
- Location analytics — reveal powerful metrics such as visitor capture rate, user visit time, and repeat visits by listening for wireless devices.
- Auto-RF optimization — automatically optimizes Wi-Fi by measuring channel utilization, signal strength, throughput, and interference.
- Dedicated security radio — instantly detects interference, vulnerabilities, and attacks, across all channels.
- Air Marshal (Wireless Intrusion Prevention)
- Guest Wi-Fi
- Application visibility and control — Identify which applications are being used, and then prioritize critical apps while limiting recreational apps
- Dual-band Wi-Fi
- Multigigabit Ethernet — pass up to 5 Gbps of traffic over a single existing cable in order to take full advantage of high speed Wi-Fi 6