

Managed Network Edge with WiFi



Get high-quality connectivity and reduce your IT workload with a turnkey WiFi solution

Organizations require a simple, reliable solution for deploying, securing and managing their WiFi connectivity. With the rise of the Internet of Things (IoT), personal devices in the workplace and cloud-based applications — all amid shrinking IT resources — choosing the right WiFi solution is more important than ever. Experience the speed, intelligence and simplicity of Managed Network Edge with WiFi from Spectrum Business®.

The cloud-based, fully managed WiFi solution is built around your unique needs, freeing you from the cost and complexity of traditional on-site wireless controllers. Our certified experts ensure your wireless network is optimized for performance, security and scalability — all for a predictable monthly rate.

Managed Network Edge with WiFi, powered by Cisco Meraki, delivers enterprise-grade wireless connectivity with built-in AI and automation, integrated security, cloud management and support for the latest WiFi 7 technology.

Product highlights

- **Fully managed WiFi platform:** Rely on a complete solution that is designed, installed and supported by network experts. It includes everything you need: hardware, provisioning and monitoring along with 100% U.S.-based support, available 24/7/365. Whether you're managing one site or many, you can deploy consistent, high-performing WiFi without adding to your IT team's workload.
- **WiFi 7-ready:** Deliver ultra-fast speeds, low latency and seamless connectivity, even in high-density spaces, thanks to tri-band operation (2.4 GHz, 5 GHz and 6 GHz). Medical providers, for example, can leverage the solution for smooth augmented reality or virtual reality diagnostics, real-time patient monitoring and high-resolution video consultations and high-resolution video consultations.
- **Cloud-based management:** Maintain full control over your wireless network with a centralized dashboard offering real-time analytics, usage tracking and remote troubleshooting. IT personnel working from anywhere can easily monitor the entire network and manage wireless performance across locations.
- **Built-in AI and automation:** Automatically optimize channel selection, power levels and band steering in real time with AI-driven radio resource management¹ from Cisco Meraki. The result is improved connectivity for users and simplified management for network administrators. For large sites, this means strong WiFi throughout the premises, negating the need for manual changes to maintain performance.
- **Custom WiFi experiences:** Easily create branded splash pages and guest WiFi tiers for purchase, opening new revenue opportunities for your business.
- **Integrated enterprise security:** Safeguard your users and infrastructure with built-in WiFi Protected Access 3 (WPA3) encryption, firewall policies and rogue access point protection through Air Marshal from Cisco Meraki.² Add the optional Cisco Umbrella³ integration to defend against malware and phishing threats. Managed Network Edge with WiFi integrated enterprise security helps industries like healthcare and finance meet compliance regulations and keep sensitive data secure.
- **Application visibility and control:** Enforce bandwidth and security policies for users, devices or applications while prioritizing mission-critical tools and blocking unwanted traffic. For instance, a school or law firm can ensure secure, high-speed access to cloud services or databases while limiting streaming apps.
- **WiFi Personal Network (WPN) support:** Give users in shared environments their own private, secure WiFi experience. They can connect their devices to technology such as printers or smart TVs without interacting with other nearby users' devices.
- **IoT- and analytics-ready:** Gain deeper business insights through presence analytics, customer timelines and integration with environmental sensors for smart building monitoring. Retailers, for example, can use the solution to analyze foot traffic to improve store layout and staffing.
- **Resilient and self-healing:** Ensure reliable connectivity, even during hardware failures or interference, with mesh network⁴ solutions and edge-based packet processing.⁵ If you're a retailer, this means your point-of-sale systems stay online if a cable or switch fails.

Key benefits

- **Prepare your network for the future:** WiFi 7 capabilities support the next generation of business applications, including AI-powered automation, real-time collaboration and 4K video.
- **Simplify operations:** Streamline WiFi connectivity with a fully managed wireless service that includes hardware, installation, monitoring and support — all delivered by a single partner.
- **Scale effortlessly:** Expand your network and support hundreds of access points across multi-site deployments while managing everything from one platform.
- **Control costs:** Avoid large capital expenditures and unpredictable IT costs with simple, service-based pricing that includes hardware, software, support and management at one predictable monthly rate.
- **Safeguard WiFi connections in shared spaces:** Protect users' connected devices from being visible or accessed by others when relying on WPN functionality.
- **Reduce downtime and troubleshoot faster:** Receive proactive insights and rapid root-cause identification with AI-powered analytics and automated alerts.
- **Help meet compliance and security requirements:** Stay on top of cybersecurity regulations with Advanced Encryption Standard (AES) hardware-based encryption, enterprise-grade authentication and centralized access controls. Pair with our smart cameras and environmental sensors to reveal actionable insights about your physical and digital work environments.

Learn more

enterprise.spectrum.com/managedwifi

1. Radio Resource Management: A system-level process that efficiently manages the use of radio frequencies in wireless communication networks, aiming to optimize performance and resource utilization.
2. Air Marshal: A built-in wireless intrusion detection and prevention system (WIDS/WIPS) for threat detection and attack remediation.
3. Cisco Umbrella: A cloud-delivered security service that provides a first line of defense against internet threats.
4. Mesh network: A network topology where each node (device) connects directly to as many other nodes as possible, creating multiple paths for data to travel.
5. Edge-based packet processing: The practice of handling data packets at the network's edge, closer to the source of data generation or consumption, rather than at a centralized data center.

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