

Managed Network Edge for Campus Living



Enhance the student WiFi experience over a single platform

Technology advancements are transforming the campus living experience and increasing student expectations. To support these demands, higher education institutions have recognized the need to modernize WiFi and networking technology for on-campus housing.

Managed Network Edge (MNE) for Campus Living provides each student with a private WiFi Personal Network (WPN), even within a shared environment. Every on-campus student gets a private, secure WPN network that ensures connectivity to their devices without detecting or interacting with other students' devices.

This powerful, all-in-one solution, delivered over the Cisco Meraki platform, simplifies the deployment and management of your institution's network for on-campus housing. It enhances the reliability, security and control necessary to improve the student experience without further taxing your IT resources.

Our certified networking experts, along with our national reach and multiple connectivity options, makes Spectrum Business® uniquely qualified to be your single networking partner. We can tailor a complete solution to meet your needs.

Product highlights

- **Streamline network management:** Experience comprehensive support, complete network management and simplified billing, plus faster issue resolution from a single partner.
- **Provide WiFi personal networks:** Each student can access their own private WiFi network, even within a shared environment.
- **Automate user lifecycle management:** Identity provider integration automates student onboarding and WiFi termination, reducing IT workload.
- **Save time:** Access and manage your entire network from a centralized, intuitive and easy-to-use portal.
- **Make WiFi simple:** Turnkey WiFi that is designed, implemented and managed for you and includes a complete platform with availability and support service-level agreements (SLAs) from the secure edge to the access points.
- **Minimize costs:** Reduce capital expenditures with consolidated and optimized networking components — all for one monthly charge.
- **Implement a built-in wireless intrusion prevention system (WIPS):** Detect and contain rogue access points, block unauthorized access and encrypt wireless traffic at each access point.
- **Scale with your operations:** Grow your network to meet future needs with support for a wide array of easy-to-expand network services, including LAN capacity, smart cameras, environmental sensors and more.
- **Add layers of security:** Incorporate firewalls and unified threat management (UTM) with fully managed, integrated security from the network edge to the cloud.
- **Partner with trusted professionals:** We take a consultative approach to design and implementation while providing your IT team access to technical experts who are 100% U.S.-based and available 24/7/365.
- **Empower your staff:** Manage or co-manage your network, allowing your team to control what they want and consult with our support team for the rest.
- **Choose the right connectivity:** As a national, facilities-based provider, we have the services to meet your unique needs, from Dedicated Fiber Internet, backed by industry-leading SLAs that include 100% uptime,¹ to broadband and wireless with options for dual connectivity.

1. 100% uptime SLA applies only to Dedicated Fiber Internet, Secure Dedicated Fiber Internet, Ethernet Services, Cloud Connect and Enterprise Trunking.



Key benefits

- Provide students with hassle-free WiFi onboarding and management through a self-serve portal, ensuring fast, secure access without IT intervention.
- Enable students to connect to their own private personal network, even within a shared environment, such as residence halls.
- Give students the performance they need using coverage across interior and exterior wireless access points with advanced WiFi technology for faster speeds with less congestion.
- Reduce complexity by removing the concerns and challenges of operating your network, thanks to a reliable and professionally managed solution.
- Create a better experience with a modern network infrastructure built to support your digital needs.
- Simplify operations and reduce expenses associated with your network by using a single provider across networking and connectivity services.
- Take advantage of market-standard, per-room rates for this service-based solution.
- Strengthen your security posture with automated updates while keeping pace with changing networking requirements and emerging security risks.
- Gain instant visibility into usage and performance in an integrated portal for faster, better decision-making.

Other available services

- **Smart cameras:** Gather valuable insight into what is happening on campus with motion detection, object detection, identification and tracking, as well as heatmaps and people counting.
- **Environmental sensors:** Intelligently monitor any campus environment to minimize disruptions, reduce unnecessary costs, maximize resources and improve experiences.

[Learn more](#)