Managed Network Edge with sensors for K-12 education

Turn data into insights for a more resilient, secure and safe classroom environment

Managed Network Edge with sensors, delivered over the Cisco Meraki platform, monitors and analyzes an array of information from your premises. Solve challenges and maximize efficiencies with this highly integrable, simple and reliable solution.

Product highlights

- **Environmental monitoring:** Customize and set sensor thresholds to automatically detect and alert staff members to environmental events such as temperature changes, humidity, water leaks, air quality and more within workplaces, data centers and cold storage environments.

- **Seamless integration:** Managed Network Edge offers firewall, UTM, URL content filtering and advanced malware and intrusion protection in addition to alarm notifications if there is a problem.

- **Reliable service:** Our network is backed by industry-leading service level agreements (SLAs) that include 100% uptime[1] — so you can ensure you are always able to provide the best experiences for your students, faculty and staff.

- **Physical security:** Leverage sensor and camera data to prevent unauthorized access to restricted areas.

- **Built-in device security:** Securely monitor and manage your physical and digital environments with built-in, end-to-end data encryption within select smart cameras and environmental sensors.

- **Intuitive cloud-based portal:** Intelligently track sensor readings, uncover efficiencies and easily automate common tasks with complete visibility on a platform you can access from anywhere.

- **Proactive alerts:** Stay informed with flexible alerting options such as SMS, email and push notifications.

- **End-to-end support:** Sensors come with professional installation from Spectrum Business® and 100%, 24/7/365 U.S.-based support as part of the Managed Network Edge platform.

Managed Network Edge sensors[2,3,4]

Temperature and humidity: Detect temperature and humidity changes to monitor critical infrastructure and maximize equipment efficiency.

Temperature probe: Monitor refrigerated environments to proactively identify equipment issues and prevent the loss of perishable goods.

Water leak: Detect water from failed HVAC systems, adverse weather or leaky pipes to prevent network downtime and equipment failure.

Indoor air quality: Support health and comfort priorities by keeping a close eye on indoor air quality.

Open/close: Monitor access to restricted spaces to understand usage trends and prevent business disruptions.

Smart automation button: Automate common tasks and trigger actions with the press of a button.
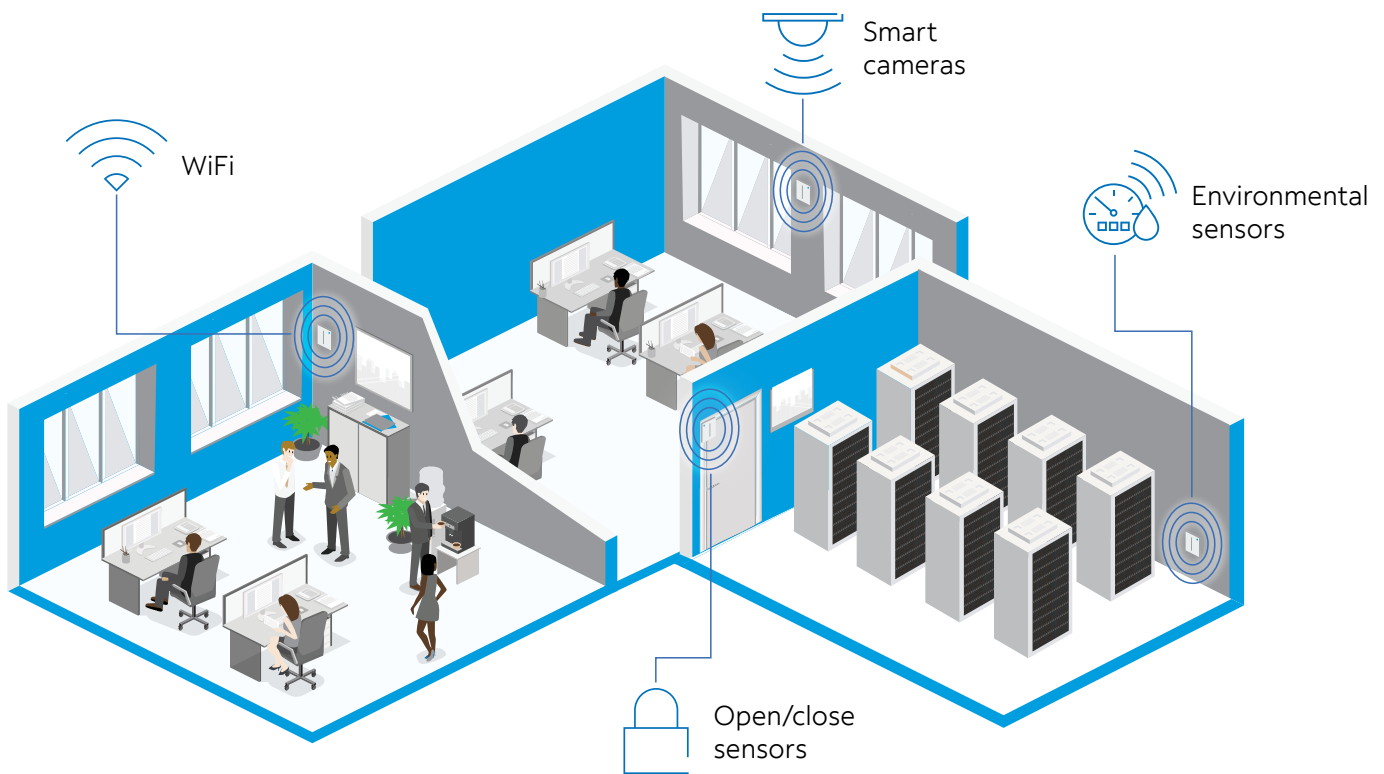
1. 100% service availability SLA applies only to Dedicated Fiber Internet, Secure Dedicated Fiber Internet, Ethernet Services, Cloud Connect and Enterprise Trunking.
2. Sensor activation requires one WiFi access point or camera gateway installed and operational within proximity of the sensor deployed. The sensor will automatically sync with the nearest compatible gateway device to connect to the Managed Network Edge cloud-based portal.
3. A minimum of three sensors are required per order.
4. The MV52 long-range camera cannot be used as a sensor gateway connection to the cloud-based portal.

Spectrum
BUSINESS®

Easily transform any place into a smart space through a single, intuitive, cloud-based portal that integrates Managed Network Edge environmental sensors, smart cameras and wireless access points.

Key benefits

Designed for safety and comfort:

- **Safety:** Leverage environmental sensor and smart camera analytics to prevent unauthorized access.

- **Comfort:** Provide safe learning environments for students, faculty and staff.

- **Sustainability:** Reduce energy consumption through smart monitoring and automation.

- **Automation:** Automate ventilation to help improve classroom health.

Smart cameras

WiFi

Environmental sensors

Open/close sensors

Learn more

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