Cloud-Managed Rugged Ethernet Switches

Extend your trusted enterprise network to uncarpeted spaces with the Cisco Meraki dashboard

As organizations expand their digital footprint, the need for robust and unified network management extends beyond traditional carpeted spaces into non-climate-controlled and outdoor environments. To address these needs, Cisco now offers management of its rugged switches via the cloud-native Cisco Meraki™ dashboard, beginning with the Cisco® IE3500 Rugged Series.

This solution provides a single, cloud-based dashboard to manage all your network switches, including standard Cisco Catalyst™, Meraki, and rugged switches with consistent policies across the enterprise. By centralizing control of campus, branch, and rugged environments with Meraki's intuitive management features, the dashboard makes managing your entire network significantly faster and easier.

Use cases

The addition of Cisco ruggedized switches to the Meraki dashboard unlocks a wide array of deployment scenarios, focusing particularly on the need to network outdoor and uncarpeted areas. Some of these scenarios include:

- **Physical Security and Safety:** Protect your facility with surveillance cameras, area access control, and environment-monitoring devices.

- **Outdoor Wi-Fi:** Help your staff and guests stay connected wherever they might choose by deploying Wi-Fi access points in outdoor spaces.

- **Building management systems:** Gain real-time control over essential systems including HVAC, generators, elevators, and pumps, even when they are housed in utility closets in challenging conditions.
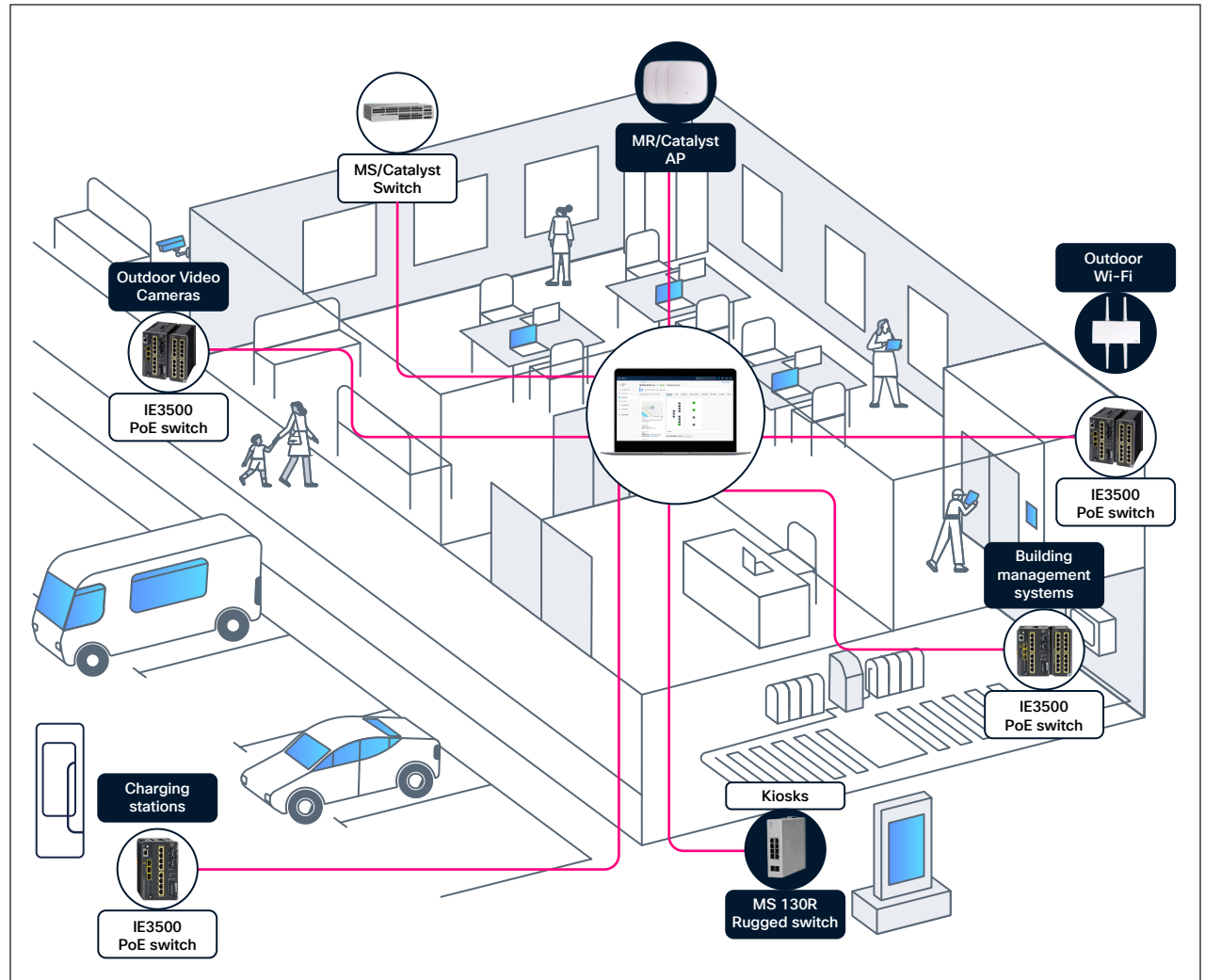

Figure 1. Unified management and complete visibility with the Meraki dashboard

Next steps

With a single, intuitive, cloud-based management platform customers can seamlessly oversee their entire network. This unified approach simplifies operations, enhances scalability, and empowers lean IT teams to efficiently manage networks in diverse environments and locations.

To further understand how this powerful combination can benefit your organization, we invite you to explore the solution in detail. Watch this **short video** to see the Meraki dashboard in action and **schedule a personalized consultation** with a Cisco expert to discuss your specific needs and how we can tailor this solution for your success.

Benefits

With this solution, you can bring Cisco ruggedized switches into the Meraki cloud management ecosystem and gain significant advantages:

- **Extend trusted networks:** Expand your campus and branch networks to reach previously unconnected or unmanaged areas that are essential to your organization.
- **Unify network management:** Eliminate multiple management platforms with a single dashboard for managing both enterprise and rugged switches. Our solution allows you to streamline operations and minimize management overhead across diverse environments.
- **Increase operational efficiency:** Enable lean IT teams to remotely manage expanding networks from the cloud with self-service and intuitive ease of use, reducing complexity and driving greater operational efficiency.
- **Enhance scalability:** Manage large, distributed rugged area deployments with a simple and scalable platform, transforming previously unmanaged environments into easily controlled networks.
- **Improve security posture:** Enforce consistent security, access and policy control across all networking infrastructure.