

Presidio Meraki Security



CISCO
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THE CHALLENGE

The past few years have brought significant changes in technology and security. Digitization efforts at many companies have accelerated, in some cases hastened by the pandemic and supply chain disruptions that led more organizations to embrace remote work, cloud-based applications, and other approaches. As a result, the business perimeter as we know it has essentially collapsed—users, endpoints, and data are often outside the protection of a firewall or VPN.

At the same time, the talent gap has widened as more companies compete for a limited number of qualified IT staff and security experts while the cybersecurity threat landscape continues to expand and evolve.

With distributed data and apps constantly changing and encrypted traffic and hybrid work becoming the new reality, organizations must adopt a security resilience strategy. Security resilience is the ability to protect the integrity of every aspect of the organization to withstand unpredictable threats or changes—and emerge stronger.

In light of these trends, it's time to rethink firewalling. A firewall is more than a box. It's the capabilities and outcomes to protect data and applications and harmonize the network, workload and application security across hybrid and multi-cloud environments.

THE SOLUTION

Meraki Security allows organizations to leverage Cisco Meraki cloud offerings to create and manage flexible, dynamic pools of physical and virtual security appliances that can be shared efficiently and securely among multiple tenants. It also provides orchestration to reduce resource provisioning and improves time to market for managed security services.

KEY BENEFITS

Meraki Security technologies are subscription-based “as a service” offers utilizing hosted and managed models. As a result, organizations can confidently use Cisco Meraki's broad portfolio of security products, streamline operations with a complete management system, and optimize their capital investments in the data center, on-premise, and in hosted SaaS offerings, to ensure the highest security.

Some of the relevant products used in a Meraki Security solution include:

Meraki MX Next Generation Firewall

Every organization, no matter the size, is a potential target for hackers. Therefore, businesses need a firewall with robust security features that are easy to implement. The Meraki MX identity-based firewall incorporates multiple security technologies and provides a variety of benefits, including:

- ◆ **Advanced Malware Protection (AMP)** — With a database of over 500 million known files and over 1.5 million new incoming file samples daily, AMP provides global threat protection and extensive visibility during and after a malware attack.
- ◆ **Content Filtering** — The Cisco Meraki content filtering engine features native Active Directory integration to apply access controls specific to each user class. Content lists and application signatures are updated dynamically from the cloud, so security policies are always up-to-date, even if content and applications have changed.
- ◆ **Geo-IP-based Firewalling** — The Layer 7 firewall can also block traffic based on the source country of inbound traffic or the destination country of outbound traffic.
- ◆ **Intrusion Detection and Prevention** — Meraki firewalls feature an integrated intrusion detection and prevention (IDS/IPS) engine to protect networks against malicious threats. A combination of signature, protocol and anomaly-based inspection methods ensures industry-best network security. In addition, threat signatures are automatically refreshed by utilizing the Cisco Meraki cloud management platform, ensuring security is always up to date.

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Auto VPN

This proprietary Meraki technology allows admins to quickly and easily build VPN tunnels between Meraki MX devices at separate network branches with just a few clicks. Auto VPN replaces the work required for manual VPN configurations with a simple cloud-based process.

Associated Licenses for the Above Products

All Meraki products require licensing, which is available in 1-, 3-, 5-, 7- or 10-year terms and covers all the cloud-based services that allow devices to operate, be centrally managed and collect analytics. With this licensing comes 24/7 enterprise support, new features and firmware updates.

WHAT MAKES US DIFFERENT

Presidio is a leading digital systems integrator with deep experience in security, networking, cloud computing and broad hybrid infrastructures. Presidio combines our project management methodology with our technology experience to deliver large-scale digital transformation engagements. In addition, we approach IT security with a focus on our customers' business outcomes.

Our professional services engagement model is built on the following value factors:

- ◆ Gather a deep understanding of our customer's business drivers and digital transformation goals
- ◆ Define the business outcome upfront
- ◆ Initiate a use case for a proposed technology solution
- ◆ Create a return on investment and total cost of ownership calculation

WHY PRESIDIO

Industry leaders recognize Presidio for our ability to solve client challenges as they move to the cloud. We attract best-in-class engineering resources with the experience and knowledge to get it done right the first time.

Our clients benefit from the following:

- ◆ Thought leadership across technologies
- ◆ Experience in architecting, implementing, securing, and managing any digital transformation needs
- ◆ Multi-discipline experts working in concert to detect and remediate potential vulnerabilities
- ◆ A deep engineering bench and broad technology services and solutions, including domain expertise and consistent deliverables

Close integration between design, delivery, and customer experience teams results in professionally implemented solutions for each client's unique needs.

PRESIDIO & CISCO

Presidio partners closely with Cisco to power successful business outcomes for our joint clients. We understand that cloud is only as powerful as the network that supports it, unified collaboration hinges on highly available applications, and security is paramount for any cloud or hybrid strategy. Hence, the powerful alignment between Presidio's full lifecycle services and Cisco's best-in-class technology is the differentiator behind customers' ever-evolving digital transformation.

Contact Presidio today: www.presidio.com
