

Lumen® SD-WAN With Cisco Meraki

Simplified network management.

Maximized performance, visibility and security.

Lumen SD-WAN with Cisco Meraki provides simplified, centralized cloud management for security, networking and application control. Built-in SD-WAN capabilities reduce operational costs and improve resource usage for multi-site deployments, allowing network administrators to use available bandwidth more efficiently and ensure the highest possible level of performance for critical applications. Inherent comprehensive security includes a stateful firewall and integrated advanced security to protect networks from ever-changing vulnerabilities.

Most common use cases

Simplified network management

Flexibly implement and manage routing policies, set traffic thresholds, user and access policies and manage security controls aligned with business needs across the entire network instantly.

Enabling the intelligent use of multiple transports

Seamlessly integrate public transport with budget-friendly internet access (broadband, LTE) and leverage all bandwidth deployed versus having idle WAN links for failover.

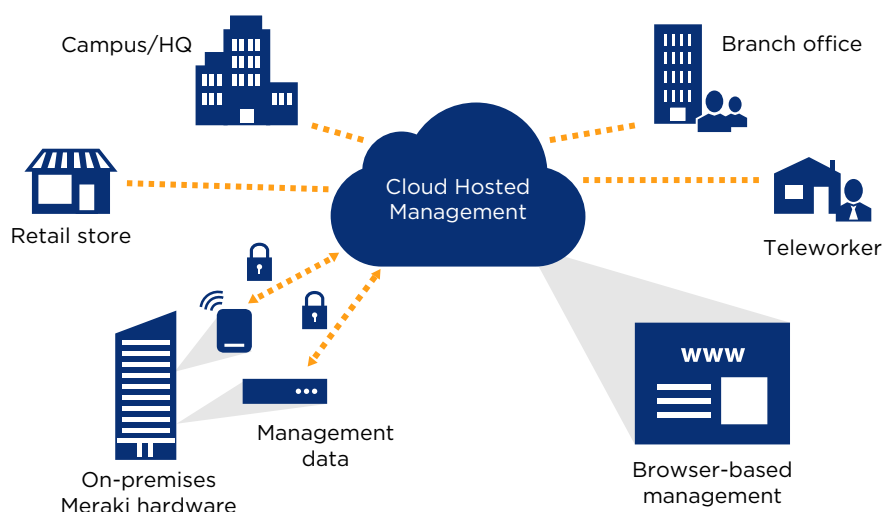
SaaS Optimization

Easily enable direct, secure internet access from remote locations to optimize employee and customer access to critical cloud-based resources.

Benefits

- **Optimize app performance and availability**
Help increase user productivity by optimizing cloud and on-premises application performance with real-time analytics, visibility, and control.
- **Strengthen security**
Minimize your security risk with our integrated next generation firewall and security features such as content filtering, intrusion detection and more.
- **Simplified network management**
Get a fully centralized cloud management dashboard for security, networking and application control across your entire WAN and seamlessly control distributed multi-site networks and campus-wide Wi-Fi deployments.
- **Increased redundancy**
Boost availability by taking advantage of dual active connections that fail over automatically with an LTE backup option.
- **Easy to deploy and scale**
Complete single pane-of-glass visibility into all devices with support for single-touch provisioning for multi-site deployments.
 - One-time remote, web-based configuration templates that reduce implementation cycles
 - Simple, all-inclusive licensing
 - Cloud-based management to support seamless updates and scaling

Deliver high-level performance for business-critical cloud applications



Technical features and capabilities

- Real-time and historical analytics and reporting featuring network visibility and performance monitoring for latency, jitter, loss and MOS
- Intelligent routing and control including dynamic path selection
- Flexible WAN designs:
 - Support for up to two WAN ports
 - Deployment options that include bundled, over-the-top (OTT) or tailored solutions
 - Support for various connectivity options including dedicated internet, broadband and LTE
- Rapid deployment options with built-in LTE capabilities
- Wi-Fi capable hardware
- Integrated advanced security
 - Stateful firewall
 - Geo-IP based firewall rules
 - Content filtering
 - IDS/IPS
- Site-to-site auto VPN: securely connects branch locations using mesh or hub-and-spoke topologies
- Provides PCI 3.2 certified cloud-based management
- Service wrapper that includes design, deployment, configuration, site activation, appliance/circuit monitoring and event management, appliance and software updates, and 24/7 support of the entire WAN solution

Why choose Lumen?

When you choose Lumen as your exclusive network provider, you get end-to-end service that completely eliminates the need to work between multiple providers for complete network transformation and optimization. Lumen SD-WAN with Cisco Meraki provides your business with a simple and secure SD-WAN solution with unsurpassed visibility and control using a simple, comprehensive web-based management tool—all for one monthly price.

Lumen is a proven leader in managing complex enterprise networks and equipment seamlessly. Our team of experts will design, deploy and manage any part of your SD-WAN implementation using best-practices developed over decades of experience with thousands of customers.

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