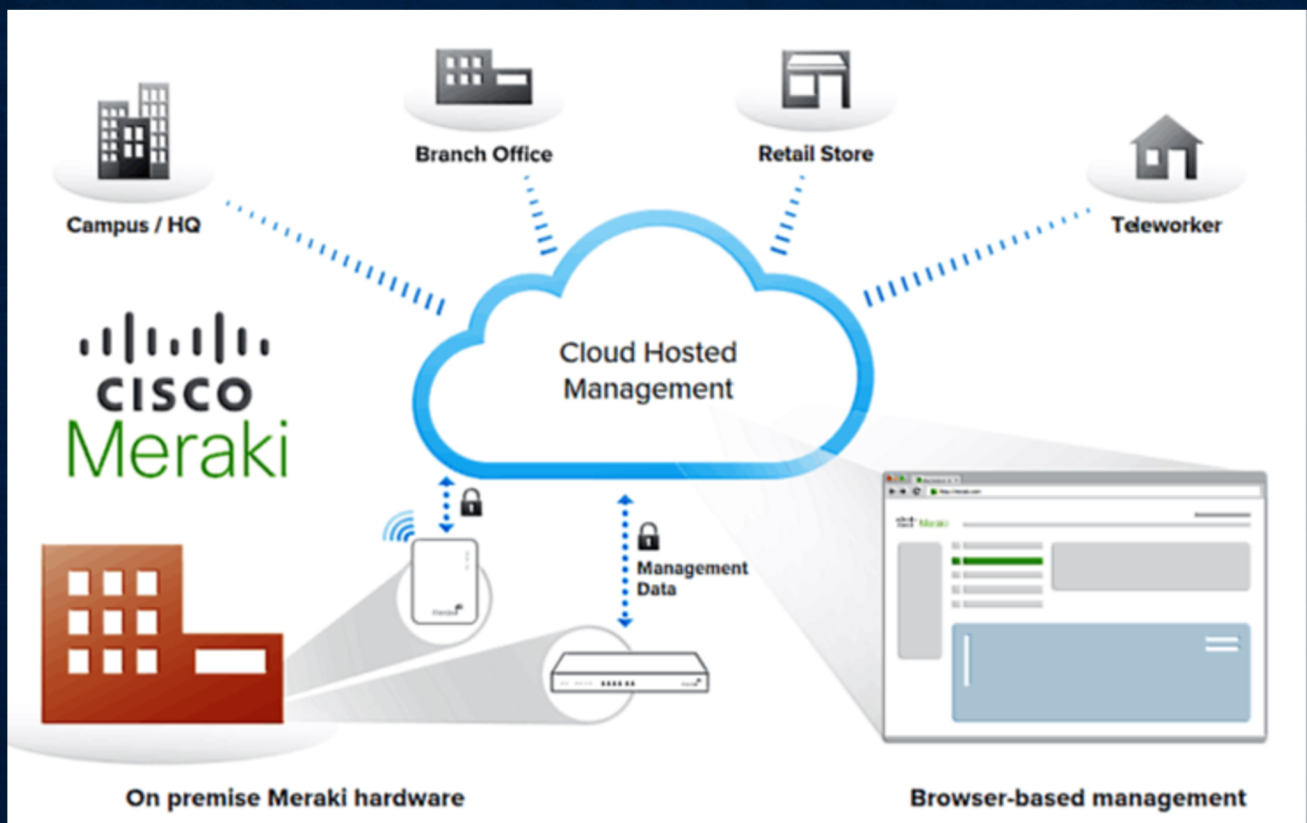


Comtrade Managed Meraki Access Service

Secure, scalable, cloud-managed access for modern enterprise networks

Comtrade Managed Meraki Access Service enables your organization to deliver secure, scalable, and high-performance network access across all business locations. Built on Cisco Meraki's cloud-first architecture, this service provides centralized management, unified security, and seamless connectivity for both wireless (WLAN) and wired (LAN) environments.

Our certified network engineers design, deploy, configure, and operate your complete Meraki infrastructure—including access points and switches —ensuring consistent performance, policy enforcement, and full compliance with your security and operational standards.



Key Benefits of Comtrade Managed Meraki Access

1. Simplified Cloud-Based Management

All Access Points and Switches are centrally managed through the Meraki Dashboard, enabling quick configuration changes, unified policy enforcement, and complete operational visibility.

2. Consistent and Secure Access Control

Support for 802.1X authentication, role-based access, and VLAN segmentation ensures that employees, guests, and IoT devices are granted the appropriate level of access while keeping critical systems isolated.

3. Optimized Wireless Experience

Comtrade ensures reliable Wi-Fi performance through automated RF tuning, dynamic channel selection, client load balancing, and continuous monitoring of interference and signal quality.

4. Faster Deployment and Easy Expansion

Zero-touch provisioning allows new switches and access points to be deployed instantly, while cloud templates ensure consistent configuration across all sites.

5. Reduced IT Workload

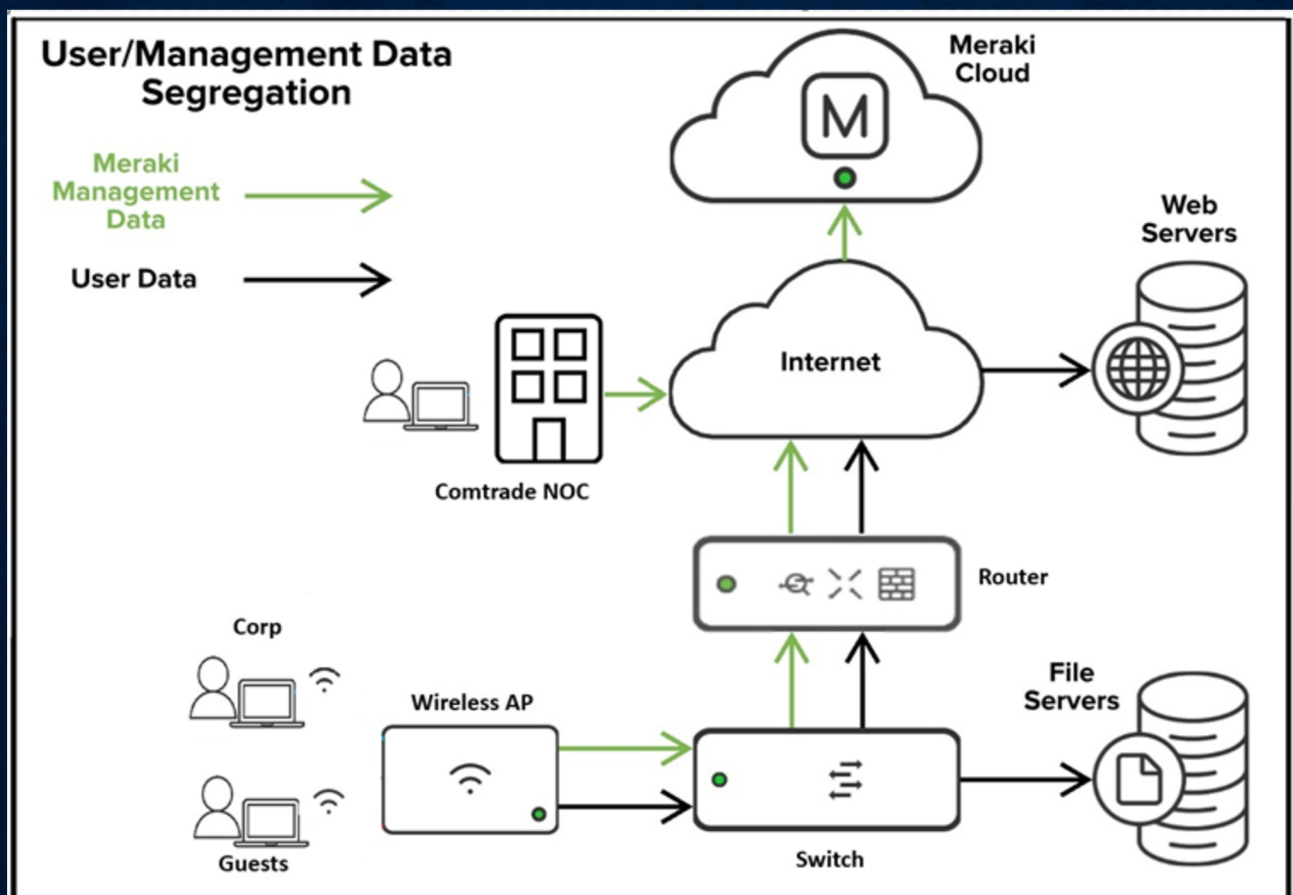
Comtrade takes over end-to-end management — including monitoring, troubleshooting, updates, and optimization — allowing your internal IT team to focus on strategic initiatives.

6. Enhanced Operational Visibility

Gain deep insight into client devices, application usage, port status, and network performance through Meraki's unified interface, helping your team quickly identify patterns and potential issues.

7. High Reliability and Automatic Updates

Meraki switches and APs receive automated firmware updates, bug fixes, and enhancements, keeping your network secure and up to date without manual intervention.



Functionalities

Cloud-Managed Network Control

- Centralized management for all APs and switches
- Remote configuration and diagnostics
- Real-time monitoring and alerting
- Event logs, device health, and historical trends

Enterprise Wireless Capabilities

- Support for Wi-Fi 6/6E/7
- Auto RF tuning (dynamic channel and power control)
- Load balancing and band steering
- Seamless client roaming
- SSID configuration with multiple authentication options
- Application visibility and traffic shaping

Access Layer Security

- Identity-based policies applied at the edge
- Rogue AP detection (Air Marshal)
- Client isolation
- Role-based access and network segmentation

24/7 Comtrade Expert Support

- Proactive monitoring through Comtrade NOC
- Incident response and remote troubleshooting
- Configuration lifecycle management
- Best-practice recommendations and tuning

Secure Wired Access

- Secure Wired Access
- VLAN configuration and segmentation
- Port security and MAC-based policies
- 802.1X authentication
- PoE/PoE+ for powering APs, IP phones, cameras, IoT
- Link-layer visibility, topology maps, and cable testing

Guest WiFi Management

- Captive portal and branded splash pages
- Guest isolation with separate VLANs
- Bandwidth limits and session controls
- Voucher, SMS, or simple password authentication

Performance Optimization

- Automated interference avoidance
- Smart load distribution
- Continuous monitoring of RF and port utilization
- QoS and prioritization for business-critical traffic

What's included

• Design

Wireless and access-layer LAN design, AP placement, and SSID/port planning.

• Initial Configuration & Deployment

Setup of Meraki APs and switches, onboarding to the Meraki Cloud, and activation of Corp/Guest access.

• Continuous Monitoring & Management

24/7 monitoring, troubleshooting, optimization, and proactive incident handling by Comtrade NOC.

• Configuration Updates & Optimization

Regular tuning of RF settings, access policies, and switch port configuration.

• Automatic Firmware Updates

Ensuring APs and switches are always running secure and stable software.

• 24/7 Technical Support

Round-the-clock assistance from Comtrade network specialists.

• Hardware Warranty Handling

Support for Meraki RMA processes for AP and switch replacement.

• Optional Add-On Services

Advanced configurations, custom guest portals, extended reporting, and integration with authentication systems.