



CISCO CLOUD SERVICES – MERAKI

CLOUD MANAGED WIRELESS

This service is offering robust enterprise class Wireless solution for the customer, based on Cisco Meraki. It includes 802.11ac and 802.11n Aps with 100% cloud management for faster deployment, simplified administration, richer visibility and better support.

Cisco Meraki offers a comprehensive portfolio of cloud-managed IT solutions designed to work together to help deliver a modern network that is powerful, reliable, and easy to manage. An active internet connection and a browser is everything you need in order to manage Meraki products from anywhere, even from a mobile device. This unique approach to IT is not offered by any other vendor and aims to simplify powerful technology by reducing the overhead and costs associated with maintaining disparate solutions.

Meraki offers an extensive portfolio of IT products designed for the modern enterprise. These products include wireless access points, security appliances, access and distribution switching, VoIP phones, mobility management, and video surveillance and are each built to work together to help deliver a truly scalable and easy to manage comprehensive IT solution.

This begins with eliminating the cost and complexity of wireless controllers, logging servers, onsite telephone systems, or overlay network management solutions. Integrated with Meraki's entire product portfolio, cloud management via the Meraki Dashboard, a browser-based user interface, adds feature-rich, elastic, and intuitive centralized management for networks of any size. This architecture aims to reduce costs and simplify the way customers interact with the network by adding powerful tools and new insights into

user behavior, traffic patterns, and network events. In addition to these core advantages, the Meraki solution also provides all of the components needed to deliver pervasive connectivity to an organization by offloading many of the supporting services to the Meraki cloud.

ADVANTAGES OF CLOUD MANAGED IT

- Simplifying Network Management
- End to End Visibility
- Streamlining Configuration and Eliminating Errors
- Enhanced Security
- Improved Network Reliability
- Troubleshooting with the Meraki Full Stack



Meraki's cloud management unifies control of users, applications and devices



Meraki MR Wireless LAN



Meraki MS Ethernet Switches



Meraki MX Security Appliances



Meraki SM Mobile Device Management

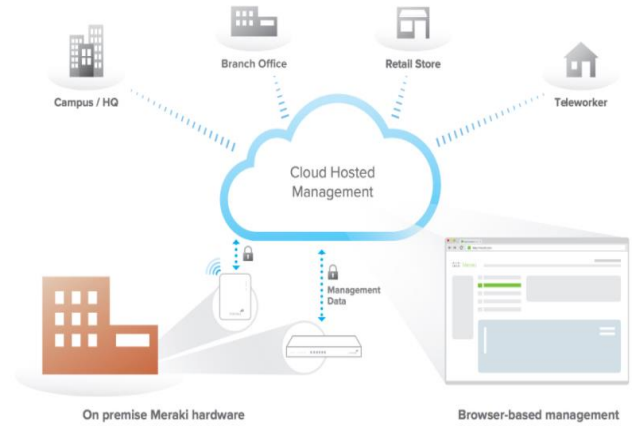
CLOUD MANAGED WIRELESS

ComuTel adds expert level radio planning, installation and design services as well as extended and pro-active support, acting as a single point of contact for the customer problems. These services are built on the solid foundation, a set of services, rules and procedures for remote monitoring, precise diagnostics, timely troubleshooting and policy deployment bound to strict SLA.

COMUTEL ADDED VALUE

Expert level consultancy, radio planning, installation and design services during plan and design phases of the project.

Extended and pro-active support including single point of contact for the customer problems, incident tracking and resolution, configuration and change management, pro-active monitoring and regular reporting.



SERVICE FEATURES

- **Centralized management** - Seamlessly manage campus-wide WiFi deployments and distributed multi-site networks from a single management interface;
- **Bring your own device** - Identify BYOD clients and automatically apply access policies by device or user group;
- **Location and analytics** - Reveal powerful metrics such as visitor capture rate, user visit time, and repeat visits by listening for wireless devices;
- **Application visibility and control** - Identify which applications are being used, and then prioritize critical apps while limiting recreational apps;
- **High capacity wireless access** - RF optimization with real-time spectrum analysis enables high performance wireless in dense, demanding environments;
- **Auto RF optimization** - Automatically optimize WiFi by measuring channel utilization, signal strength, throughput, and interference;
- **Dedicated security radio** - Instantly detects interference, vulnerabilities, and attacks on all channels;
- **Identity based firewall** - Automatically assigns firewall and traffic shaping rules, VLAN tags, and bandwidth limits to enforce the right policies for each class of users.

SERVICE PACKAGE OFFERINGS

- **Standard:** This package includes consultancy, radio planning, installation and design services during plan and design phases of the project as well as basic reactive support and warranty with SLA.
- **Premium:** This package incorporates all features of the standard offering as well as pro-active support services, consultancy and reporting with SLA.

PRICING STRUCTURE

Cloud Managed Wireless pricing components typically include one-time costs and monthly recurring costs

ONE-TIME COSTS

- Active radio planning
- Design for wireless deployment
- Physical Installation and cabling
- System setup and functional testing
- Hardware spares

MONTHLY COSTS

- Management of the wireless network
- Management fees associated with incident, configuration and change management
- Vendor subscription costs
- Reporting