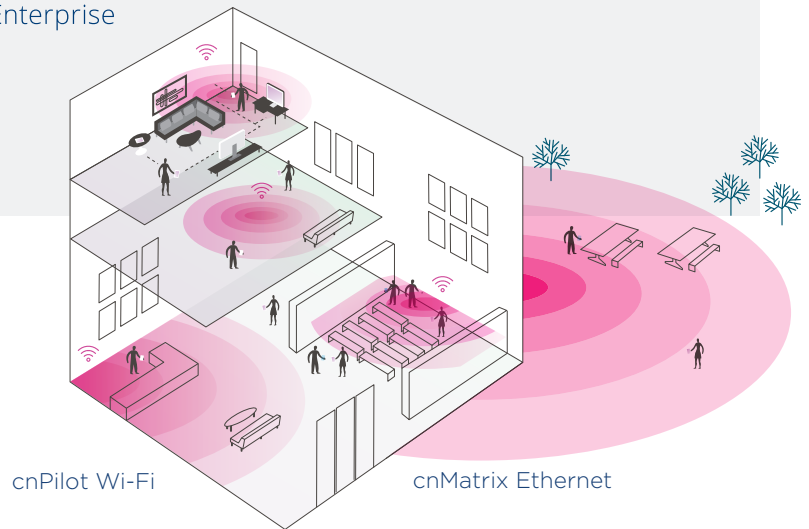




Distributed Intelligent
Enterprise Wi-Fi Networks

IT teams, MSPs and ISPs need to rapidly provide an optimal network experience for users and devices. Network operators are seeking simplicity, flexibility and automation to improve performance. Cloud networking solutions with cnPilot™ Wi-Fi, cnMatrix™ switching, and cnMaestro™ cloud management from Cambium Networks form the core of the Enterprise Wi-Fi network that delivers an optimal client experience with robust security and reduced capital and maintenance cost.



cnMaestro **END-TO-END** Management

Deliver pan enterprise services from the cloud, on-premises, or your private datacenter with cnMaestro. cnMaestro supports network automation with zero touch Wi-Fi to pre-provision, pre-assign, and pre-adopt the entire network before any device is installed. cnMaestro policies are centrally defined and enforced at the network element for consistency and policy compliance. Using the integrated help desk tools to monitor packets, errors, interference and RF channel utilization, network administrators

can support a network service level agreement. Create an appealing guest portal and publish to networks across the enterprise with the touch of a button. Expand your managed service provider business by branding the cnMaestro user interface to your MSP brand. Using the cnMaestro API, integrate with third party services monetize the network by extending location-based services, expanding guest portal billing functionality and more.

cnPilot access points are designed for **HIGH-DENSITY AND HIGH-CAPACITY WI-FI** in both software and hardware design. High efficiency antennas and RF circuitry deliver best in class receiver sensitivity and gain to connect more mobile devices at higher bitrates with fewer drops and errors. RF aware 802.11ac wave 2 access points adjust to changes in a high-density RF environment to maintain optimal performance and avoid interference.



The cnMaestro management system delivers end to end network visibility, single pane of glass reporting and integrated help desk tools to bring the network to the operations center. Remote packet capture, remote diagnostics and remote scanning tools reveal the network utilization, interference and security threat vectors.

cnMaestro Management Features Include:

- **Tight integration** with enterprise and residential cnPilot Wi-Fi, cnMatrix switches, outdoor WAN distribution and backhaul solutions from Cambium Networks
- **Flexible monitoring** with dashboards, statistics and map overlays. Key network performance statistics via CSV file and RESTful API
- **Guest access portal**, payment gateway and site aggregation
- **Provisioning**, software updates and device configuration

EXPERIENCE THE POWER of Zero Touch Wi-Fi

- Pre-adopt, pre-assign the site, pre-provision the full network of enterprise Ethernet and Wi-Fi
- Zero cloud access license, zero AP license, zero firmware license and zero support license
- Zero security gaps, resilient to management system outage



Pan-Enterprise Cloud Services

- Wireless intrusion detection
- Multi-tenancy, white label brandable
- API for 3rd party control
- Controller assisted roaming
- Pan-enterprise guest portal creation and implementation

Intelligent Edge Services

- RF aware access points adjust for optimal performance
- Interference mitigation by APs most affected
- Enhanced roaming and standards based 11k/v/r
- Policy based Ethernet Switch configuration
- Auto network segmentation with device profiling
- Intelligent PoE Ethernet switch with enhanced security

cnPilot Wi-Fi Access Points

- Micro-cell to high density, high capacity
- Indoor and outdoor dual radio, 802.11ac wave 2
- Distributed intelligence Wi-Fi for enterprise networks
- High efficiency internal antennas
- Included mounting brackets for quick installation

cnPilot Portfolio

- 1 Outdoor, e700 4x4
- 2 Indoor, e600, 4x4
- 3 Indoor, e410, 2x2
- 4 Indoor Wallplate, e430, 2x2 with 4 x GigE, PSE port
- 5 Outdoor e50x; 2x2 with Omni or Sector High gain antennas



cnMatrix Switches

cnMatrix switches simplify network deployment and operation. When deployed with cnPilot WLAN access points and the cnMaestro management system, network operators have an affordable, feature rich, high quality unified wired/

wireless enterprise grade network. Cambium Networks' cnMatrix enhances performance, security and end user satisfaction while reducing costs.

ABOUT CAMBIUM NETWORKS

Cambium Networks is a leading global provider of wireless connectivity solutions that strengthen connections between people, places and things. Specializing in providing an end-to-end wireless fabric of reliable, scalable, secure, cloud-managed platforms that perform under demanding conditions, Cambium Networks empowers service providers and enterprise, industrial and government network operators to build intelligent edge connectivity. Cambium Networks' commitment to continuous innovation in wireless access is demonstrated in the millions of radios deployed in thousands of networks that benefit communities around the world. Team members also contribute to social responsibility activities to serve the communities in which they live. Headquartered outside Chicago and with R&D centers in the U.S., U.K. and India, Cambium Networks sells through a range of trusted global distributors.

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