Cambium's ONE Network Integrates an End-to-End Solution for Distributed Enterprises

Overview

Cambium Networks provides a complete solution for distributed enterprises and SMBs seeking to unify, simplify, and secure their networking infrastructure across multiple sites. With cloud-managed wireless, switching, integrated security and SD-WAN, Cambium offers everything required to support modern hybrid work environments, remote sites, and branch operations. Whether connecting a handful of offices or a nationwide network of remote locations, Cambium delivers consistent connectivity, streamlined management, and advanced security—all within a cost-effective solution.

## Cambium One Network Solution for Distributed Enterprises

Product	Details
Wi-Fi	Comprehensive enterprise Wi-Fi portfolio with simplified installation, integrated access control, automatic RF tuning, and comprehensive remote troubleshooting tools.
Switching	Complete Ethernet switch solution that scales to multi-gigabit access and simplified with policy-based automation (PBA).
SD-WAN and Security	NSE (Network Service Edge) SD-WAN, providing threat protection, vulnerability detection, firewall, VPN, routing, and network services in a single solution.
Wireless Backhaul	Multi-gigabit point-to-multipoint and mesh wireless backhaul for building-to-building or site-to-site connections that dramatically reduces trenching or leased line costs.
Fiber	GPON and XGS-PON solutions for high-speed campus backhaul for indoor and outdoor applications.
Management	Single-pane-of-glass management with cnMaestro™ X for the entire Cambium ONE Network, including AI-driven analytics and EasyPass access services with Azure and Google integration.
Support and Services	24x7 support with design, deployment, monitoring, and troubleshooting services by industry experts.

WHAT OUR CUSTOMERS SAY

"It's not always about equipment price; you have to consider price for performance. With Cambium Networks, we have complete end-to-end solutions that are simple to integrate and operate. When you consider the amount of time you will need to integrate security functions, Wi-Fi, switching and the rest, Cambium delivers real value that can't be beat."

— Christian Cantrell, CEO, Lockedheart Technologies, LLCs.

Cambium ONE Network Delivers an End-to-End Managed Solution for Enterprises
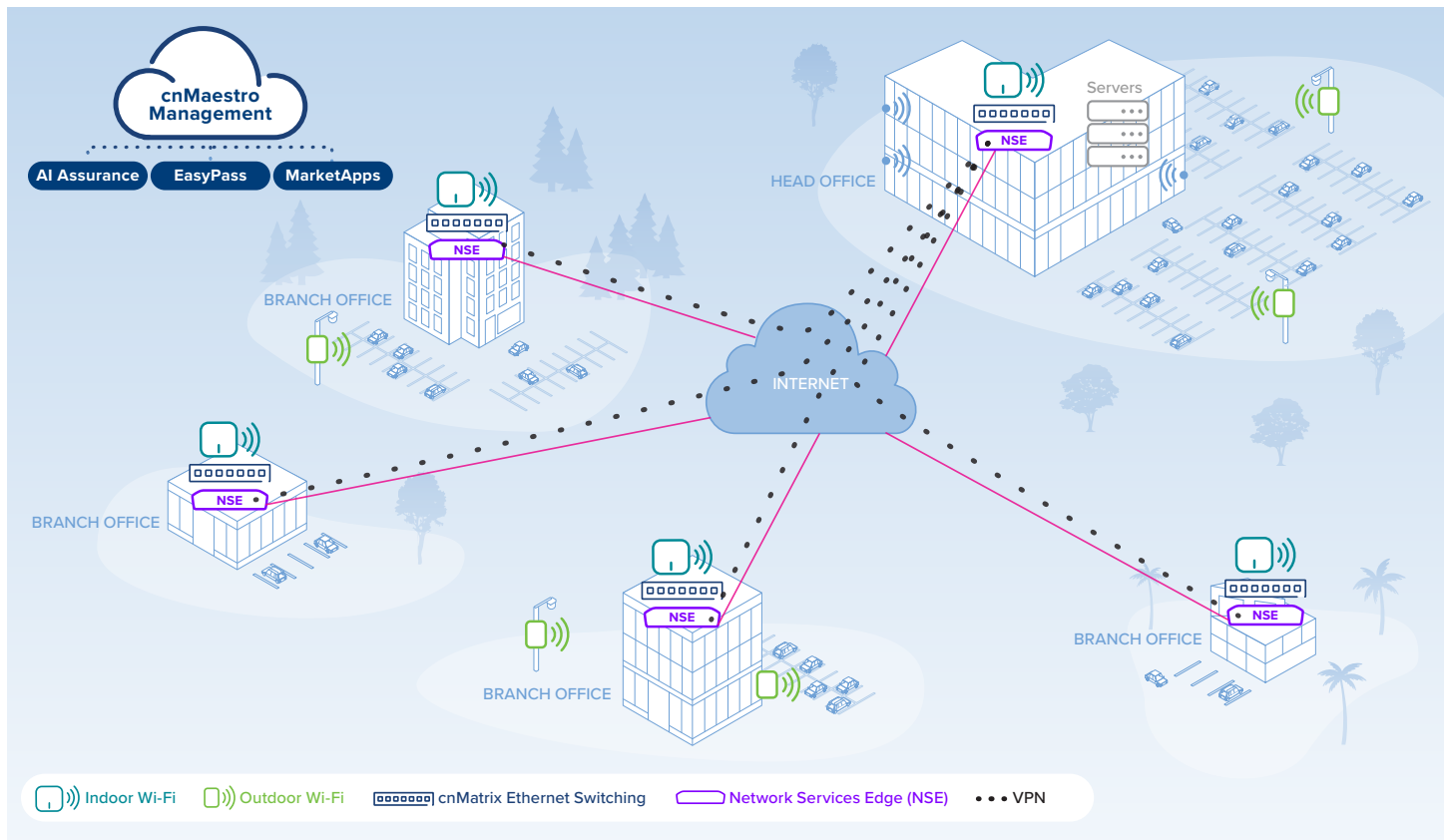
WHAT OUR CUSTOMERS SAY

"VPN stability is top notch. We are replacing other vendors' products with the Cambium NSE solution because of VPN performance and stability."

— Chaz Hager, Northriver IT

Challenge	Cambium Solution
Limited IT Staff	Centralized cloud management via cnMaestro simplifies deployment, monitoring, and remote troubleshooting. Zero-touch provisioning and automated out-of-box configuration enable rapid rollouts across multiple sites without on-site IT support.
Complexity of Setting Up Site-to-Site VPNs	Cambium's Auto-VPN eliminates the need for manual tunnel configuration. With just a couple of clicks, all sites are securely connected, dramatically reducing setup time and ensuring consistent security policies.
Lack of Network Visibility	Real-time monitoring and AI-driven analytics with cnMaestro Assurance offer full visibility into device status, user activity, and network health across all locations from a single dashboard.
High Cost of MPLS and Leased Lines	Cambium's Network Services Edge (NSE) replaces expensive private circuits with secure IPsec/ WireGuard tunnels over broadband links, significantly lowering operational costs.
Poor Application Experience (VoIP, Cloud Apps)	Application-aware policies prioritize business-critical traffic (VoIP, SaaS, etc.) and de-prioritize or block non-critical traffic (social media, games, etc.) for consistently high-quality user experience.
Threat Prevention and Detection	Built-in IDS/IPS, DNS-based content filtering, and LAN vulnerability scans mitigate risks at the edge and protect against malicious or compromised devices.
Wi-Fi Segmentation for Staff, POS, Guests, IoT	VLANs in conjunction with per-device ePSK security and application policy create isolated, policy-enforced traffic domains, ensuring security while maintaining ease of access for all types of users and IoT devices.
Hybrid Work and Remote Access	Remote access is supported with WireGuard and L2TP VPNs, ideal for remote workers and branch office backhaul.
Complex Wi-Fi Access Methods	EasyPass simplifies secure onboarding using SMS, email or enterprise directory services including integration with Azure and Google, enabling frictionless user access without IT involvement.
Network Troubleshooting at Scale	cnMaestro X offers intelligent insights, anomaly detection, and guided resolution paths for fast and efficient troubleshooting across sites.

About Cambium Networks

Cambium Networks enables service providers, enterprises, industrial organizations, and governments to deliver exceptional digital experiences and device connectivity with compelling economics. Our ONE Network platform simplifies management of Cambium Networks' wired and wireless broadband and network edge technologies. Our customers can focus more resources on managing their business rather than the network. We make connectivity that just works.