



Cambium Networks™

# ONE NETWORK for Your Enterprise



Connecting Your World. Dynamically.

# Take Control of Your Network

## Manage the Network, Not the Elements.

Organizations need to deliver top-notch online experiences, and do so with a minimum of resources. With Cambium Networks' comprehensive portfolio of wireless, wired, security and SD-WAN solutions, you can deploy technology that simply works. Our solutions deliver outstanding user experiences across your enterprise operation, enabling you to focus on your business and applications rather than individual network elements.



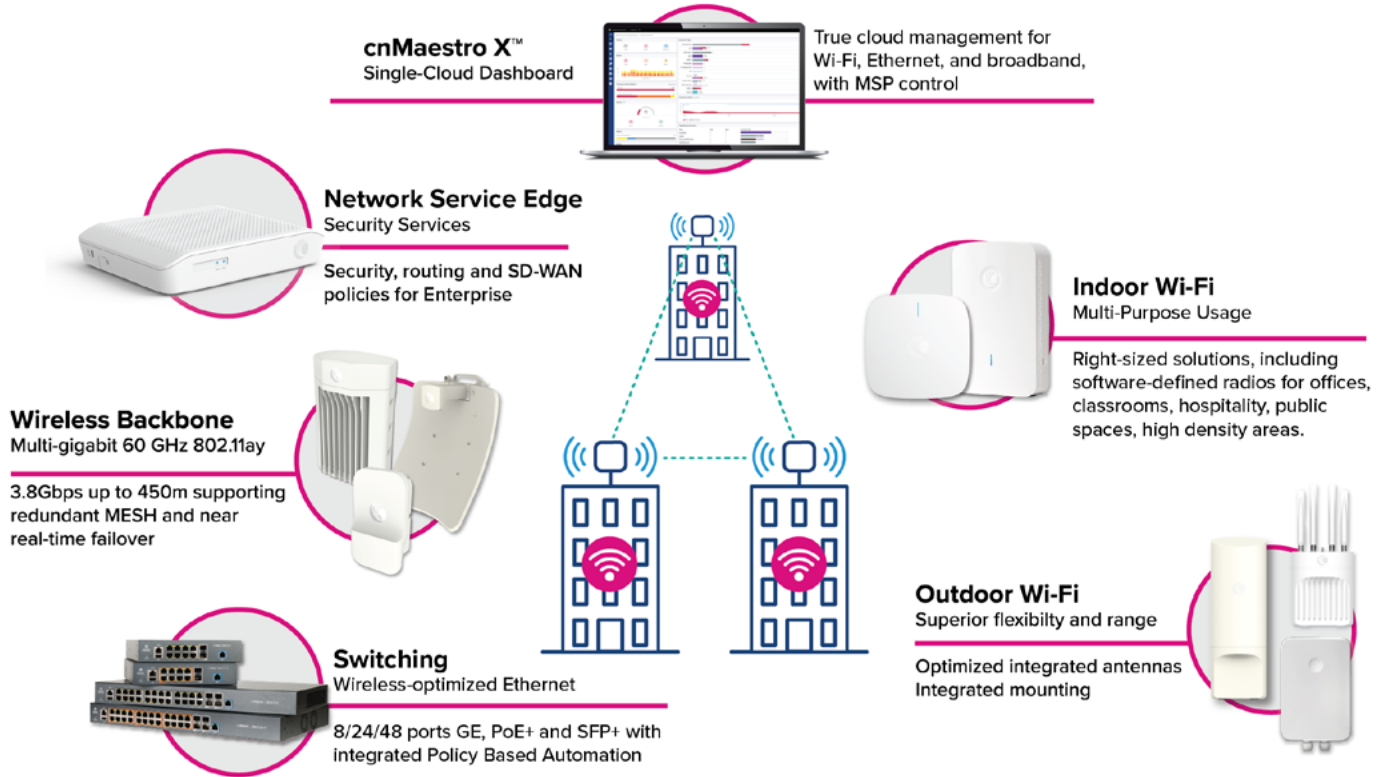
**Cambium Networks'**  
**ONE Network**  
**Enables You Achieve**  
**Best in Class Total Cost**  
**of Ownership.**

Cambium's approach to building networks leverages our decades long foundation of providing wireless network solutions that deliver:

- ONE converged IT Experience that simplifies operations
- Best in class operational efficiency delivered by intelligent automation
- Consistently predictable performance enabled by application optimization

**Cambium's ONE Network Just Works.**

# One IT Experience with Common Management



## Cambium Networks Enterprise Network Solutions

Management	Wi-Fi Access Points	Ethernet Switches	Outdoor LAN Extension	Security & SD-WAN
<ul style="list-style-type: none"> <li>• End-to End Management</li> <li>• Cloud or on-premises options</li> <li>• Wireless Network Planning</li> </ul>	<ul style="list-style-type: none"> <li>• Indoor Wi-Fi 6/6E</li> <li>• High density Wi-Fi 6/6E</li> <li>• Wall/desktop mount Wi-Fi 6</li> <li>• Outdoor Wi-Fi 6/6E</li> </ul>	<ul style="list-style-type: none"> <li>• Gigabit Ethernet</li> <li>• Multi-gigabit Ethernet</li> <li>• Ruggedized Gigabit Ethernet</li> </ul>	<ul style="list-style-type: none"> <li>• 802.11ay 60 GHz</li> <li>• Point-to-Multipoint distribution</li> <li>• Point-to-Point Backhaul</li> <li>• Licensed microwave</li> </ul>	<ul style="list-style-type: none"> <li>• Firewall and IoT Security</li> <li>• SD-WAN edge</li> <li>• LAN vulnerability assessment</li> <li>• Network services</li> </ul>





## Simple and Sophisticated Management

cnMaestro X offers elastic scalability and a single-pane of glass management to deliver secure, end-to-end network and wireless lifecycle management to simplify operations and ongoing maintenance on the wired and wireless network. The solution includes:.

- **MSP Dashboard** - Managed Service Providers (MSPs) can differentiate their brand to address specific sub-markets in their service area.
- **APIs and Webhooks** - Restful APIs and Webhooks for integration with existing OSS/BSS systems and event monitoring.
- **Long-Term Historical Data** - 2-year data retention for FWB and 1-year data retention for Enterprise and IIoT devices.

Advanced captive portal capabilities: 500 portals, 30,000 max vouchers, 1-year client login history

### Client Life Cycle Management with New cnMaestro X + Assurance

To simplify operation for MSP and NaaS customers, the system manages the complete life-cycle of your Cambium network – onboarding, configuration, troubleshooting and reporting.

#### Key benefits:

- Single console for the network – Wi-Fi, Switching, Security, Fixed Wireless
- Simple and easy-to-navigate user interface for fast time-to-productivity
- Powerful troubleshooting tools for rapid problem resolution
- Flexible integration and extensibility via APIs and Webhooks

# Why Choose Cambium Wi-Fi

## Simple Onboarding for Users and Devices

Make it easy to onboard users, whether they are employees, guests or IoT devices. Directly integrate with Microsoft Azure and Google G-suite for Single-Sign-On (SSO) with your applications and Wi-Fi.

## Application Intelligence at the Edge

Deliver the best possible user experience to everyone. Identify and control access to more than 2,400 applications directly in the AP and select to prioritize, limit or block access.

## Ultra-long Range Outdoor Wi-Fi

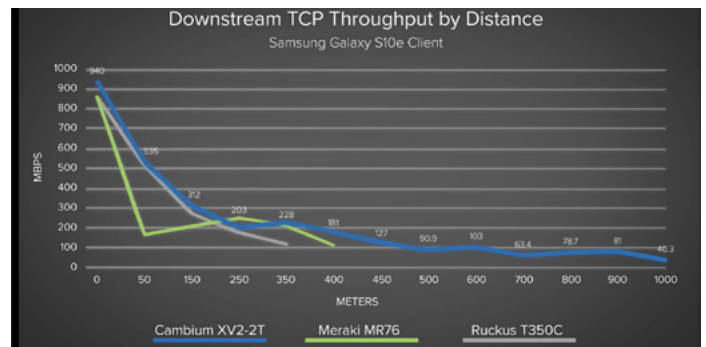
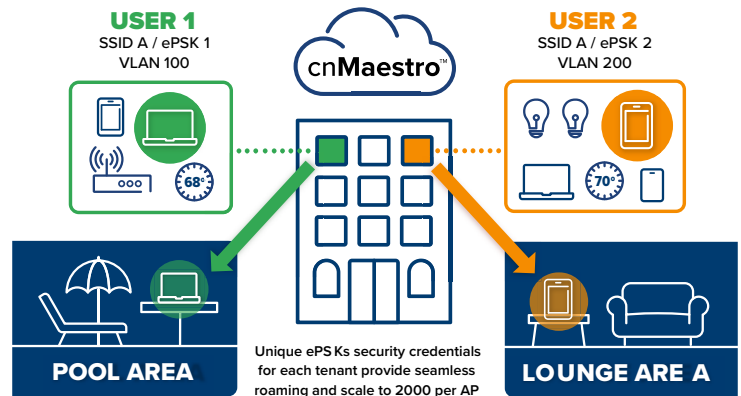
High efficiency antenna technology enables significantly greater outdoor Wi-Fi coverage across campus networks and public hotspots. Less equipment and supporting infrastructure is required, resulting in lower TCO.

## High-Density Access Points

Industry-exclusive high-density APs with a unique multi-radio design and software-defined radios deliver greater operational efficiencies with less equipment. High-density Wi-Fi solutions require fewer APs, switch ports, cabling, installation time, and power consumption—all resulting in a lower TCO.

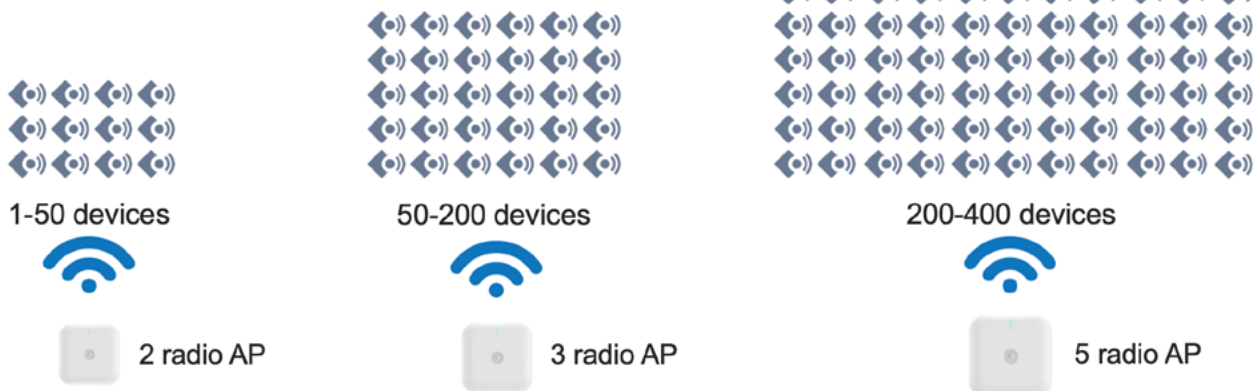
## Scalable and Secure Roaming

Cambium's ePSK provides unique Wi-Fi security credentials per user to enable seamless, secure roaming across a property. Unmatched scalability is supported - up to 2000 ePSKs per access point.



Ultra-long Range Outdoor Wi-Fi

## Scalable High-Density Wi-Fi



# Wireless-optimized Switch Solutions that Simplify Your Life



cnMatrix Switches

## Maximize Wireless Network Efficiency

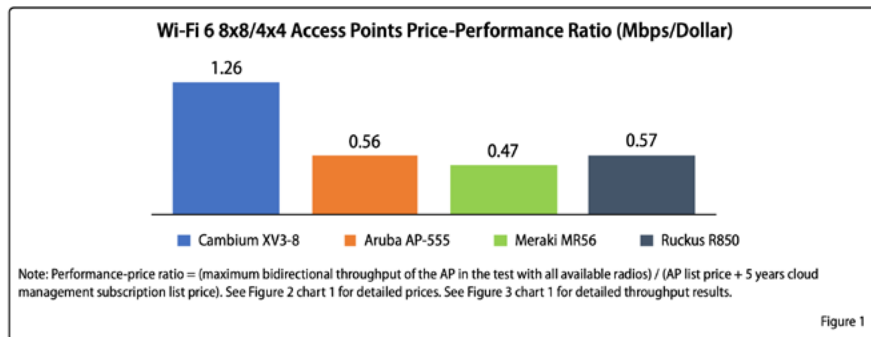
- **Integrates seamlessly** with Cambium Wi-Fi, security and outdoor wireless as an end-to-end managed network
- **Multi-gigabit speeds and Power over Ethernet** optimized to support high performance wireless access points and subscriber nodes
- **Indoor and ruggedized solutions** for all types of deployment environments

## Policy Based Automation (PBA)

Explore a unique feature in the access switching industry.

- **Zero-Touch Simplicity:** Eliminates the need to color-code ports
- **Automated Security:** Programmable device profiling, network segmentation and policy enforcement. Automatic port clean-up on device disconnects
- **Error-free operations:** Reduce time, effort and human mistakes by removing the need for manual configuration

# Proven Best in Class Total Cost of Ownership



The Tolly Group, an independent testing analysis organization, tested Wi-Fi 6 access points and concluded that Cambium Networks’ products outperformed Aruba, Meraki (Cisco) and Ruckus in performance and total cost of ownership.

Read the report here: [www.cambiumnetworks.com/blog/new-tolly-group-report-ranks-wi-fi-6-access-points-from-cambium-networks-highest-for-performance-among-major-brands/](http://www.cambiumnetworks.com/blog/new-tolly-group-report-ranks-wi-fi-6-access-points-from-cambium-networks-highest-for-performance-among-major-brands/)

# Robust Security for the Enterprise

## Enterprise Edge Defense

- **Enable intrusion detection and prevention** with a single click—our industry-leading IPS engine instantly protects your network against threats. The IDS engine supports community and paid premium rules.
- **Create advanced firewall layer-3** and application-based rules to protect your network. Use advanced geo-IP filters to deny or allow traffic to/from specific countries.
- **Shut down traffic to known malware sites** with a malware offender database that is continuously updated to guard against emerging bad actors.
- **Get an audit of security vulnerabilities** for devices on your network—and get notified when critical vulnerabilities are discovered.



## Network Service Edge (NSE)

The NSE 3000 provides a comprehensive set of security and WAN services for remote or small/medium locations. With throughput up to 1 Gbps, it boasts an industry leading IDS/IPS engine, advanced application and geo-IP firewalls, LAN vulnerability assessment, anti-malware protection, and SD-WAN services. The NSE is managed via cnMaestro™ as part of the Cambium ONE network.



**96%**  
of surveyed resellers and  
MSPs are likely to recommend  
**Cambium Networks**  
to their customers.

Source: 2022 Survey

## Proven Multi-Gigabit Wireless Backhaul Solutions

### Multi-Gigabit Fixed Wireless – cnWave 60 GHz

Rapidly extend your network outdoors, including connecting buildings, parking lots, sports fields or other locations without the cost and hassle of trenching.

Systems can be configured for Point-to-Point (PTP), Point-to-Multipoint (PMP) or efficient mesh modes. High performance 60 GHz solutions enable efficient wireless backhaul speeds up to 4.8 Gbps that do not create a network choke point. These solutions are ideal for high-definition CCTV wireless connectivity too.



**Cambium Networks™**

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**USA Headquarters**

3800 Golf Road, Suite 360  
Rolling Meadows, IL 60008

+1 888 863 5250

**USA Thousand Oaks Office**

2545 Hillcrest Dr, Suite 220  
Thousand Oaks, CA 91320

**USA San Jose Office**

2590 N. 1st Street, Suite 220  
San Jose, CA 95131

**India Office**

Cambium Networks Consulting Private Ltd  
5th Floor, Quadrant 1, Umiya Business Bay, Tower 2,  
Outer Ring Road,  
Kadubisenahalli, Varthur Hobli Road,  
Bangalore East

+91 80 67333100

**UK Office**

Unit B2, Linhay Business Park  
Eastern Road Ashburton, United Kingdom, TQ13 7UP

+44 1364 655500

[cambiumnetworks.com](http://cambiumnetworks.com)