



Overview 2023



Connecting Your World. Dynamically.



Take Control of Your Network

Manage the Network, Not the Elements.

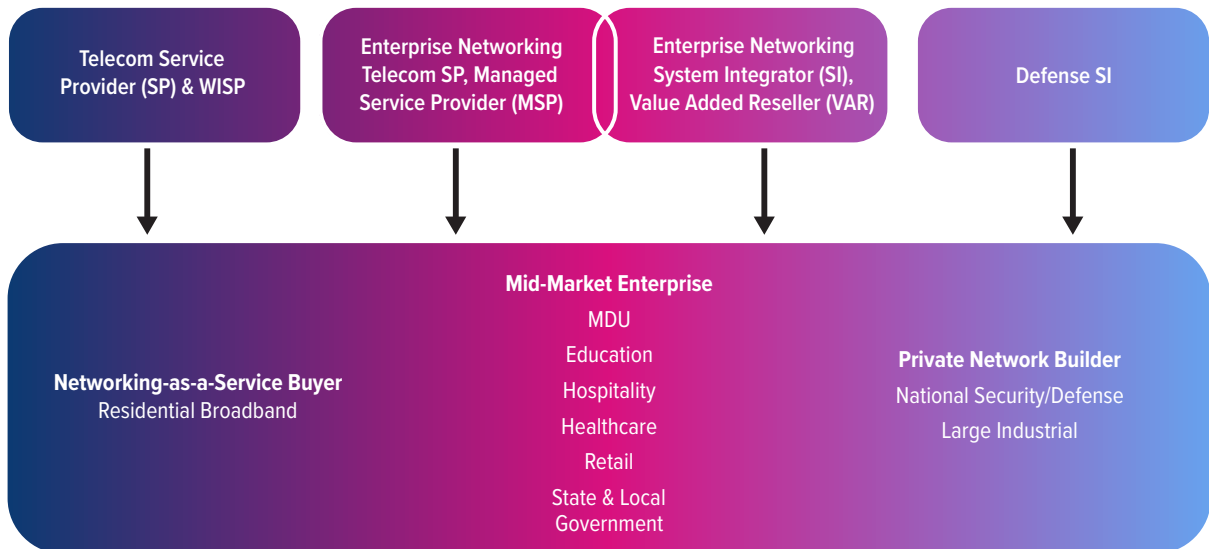
Organizations need to deliver top-notch online experiences and do so with a minimum of resources. With Cambium Networks’ comprehensive portfolio of wireless, wired, security and SD-WAN solutions, you can deploy technology that simply works. Our technologies deliver outstanding user experiences across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

Cambium Networks’ ONE Network solutions enable service providers and enterprises to 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.

Who we serve



FOUNDED
October
2011

INDUSTRY
Wireless Internet
and Tele-
communications
Infrastructure

NASDAQ
CMBM

HEADQUARTERS
Rolling Meadows,
Illinois, USA

EMPLOYEES
650+

**CHANNEL
PARTNERS**
12,600+

**UNITS MANAGED
IN THE CLOUD**
DEC 31, 2022
898,000+



Enterprise efficiency: A Fortune 150 oil and gas producer with global operations is improving oil field operational efficiency and enabling digital transformation initiatives with an integrated wireless communications infrastructure.

Broadband Service Provider growth:

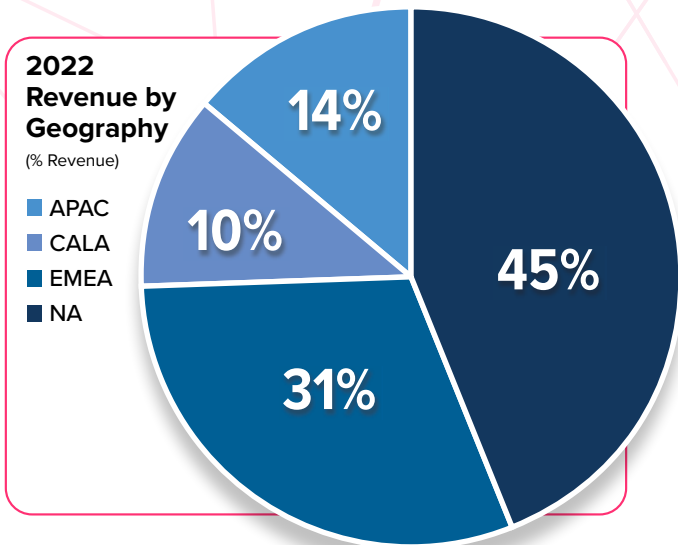
Pentanet is building neXus, a multi-gigabit fixed wireless network across the metro area in Perth, Australia, to provide internet access for business and residential subscribers.

Comprehensive Education coverage:

Devonport High School for Boys rapidly rolled out digital delivery of teaching with a wireless infrastructure that enables a serverless school that delivers cloud-based, personalized learning.

Scalable Municipal Wi-Fi backhaul:

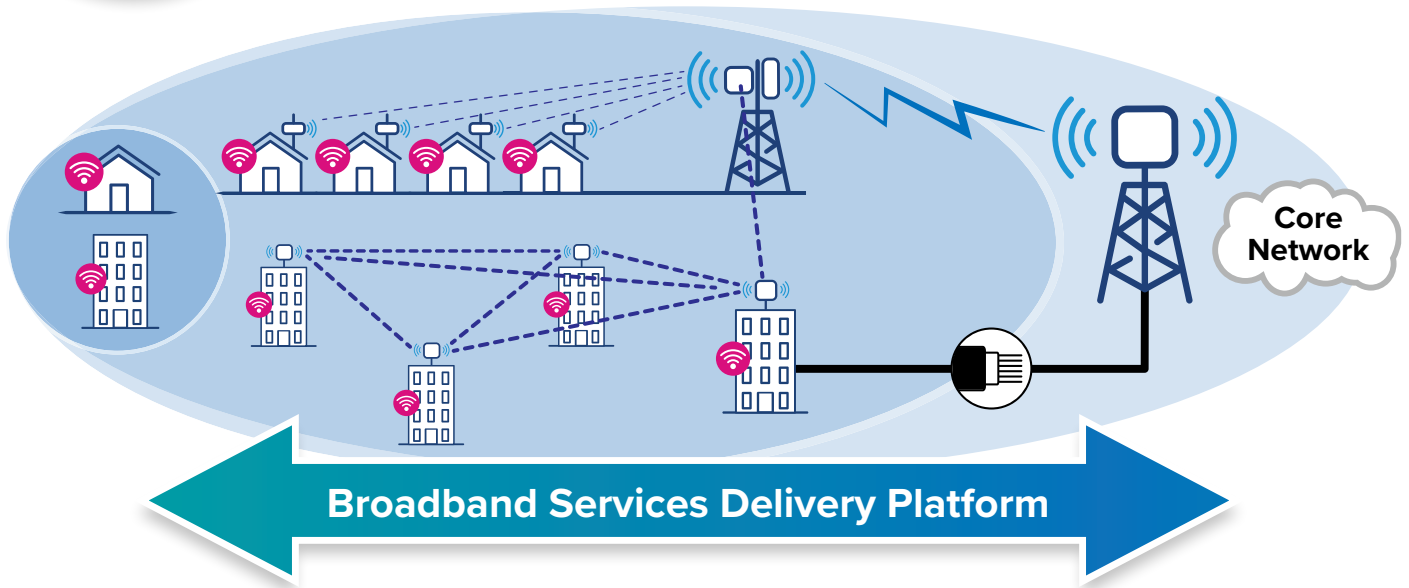
The City of San José, California has deployed public Wi-Fi in strategic corridors within the downtown area. This Smart City Vision project leverages the latest cnWave 60 GHz as the network infrastructure installed on streetlights, traffic lights, and buildings throughout the downtown corridor to support a network of outdoor Wi-Fi access points.



Cambium's ONE Network



Cambium's ONE Network enables excellent online experiences with fewer resources and IT personnel. Enterprises, managed service providers, broadband service providers, and government agencies can not only shift resources from managing a wide range of network technologies in silos to managing the network fabric holistically, thus freeing up IT resources to focus on their business and specific applications. This efficiency is achieved through automated tools in Cambium's ONE Network to plan, deploy monitor and optimize — reducing the human introduced errors in configuration and eliminating security holes.

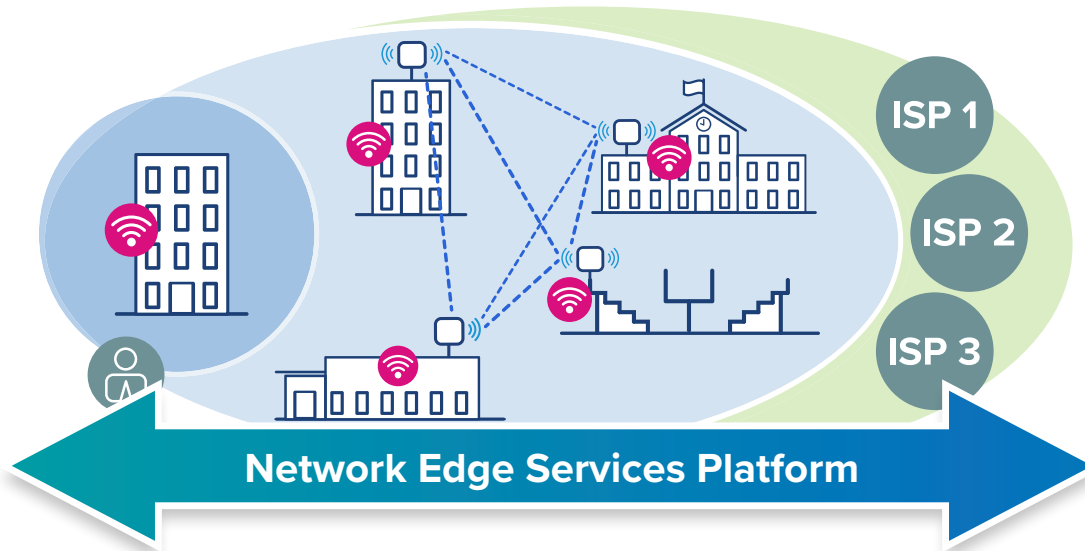


End Customer Digital Experiences	Network Operator Productivity Improvements
<ul style="list-style-type: none"> • Choice of service plans • Easy/secure device onboarding • Private SSIDs • Guest access • Community roaming - everywhere 	<ul style="list-style-type: none"> • Centralized management & analytics • Spectrum management • Self-healing with remote trouble shooting • Quality of Experience (QoE) • Automated IoT device onboarding & management



“Incremental improvements to multiple systems are time consuming and can only get you so far. Centralized integrated communication systems deliver real value to energy providers. By focusing on solving centralized management of the end-to-end network, rather than integrating multiple pieces from independent providers, we reduced the total project timeline by 25%.”
 - Peter Cappiello, CEO, Future Technologies Venture.

Enterprise Solutions



Digital Experiences	Digital Transformation	NetOps Productivity
<ul style="list-style-type: none"> • Easy/secure device onboarding • Private SSIDs • Guest access • Campus roaming – everywhere • Secure remote access 	<ul style="list-style-type: none"> • Easy IoT device onboarding • IoT visibility, policy enforcement • Secure IoT devices • Blanket connectivity • Segmented network • Exceptionally low latency 	<ul style="list-style-type: none"> • Centralized management & analytics • Self-healing • Remote troubleshooting • Perimeter security • SD-WAN • Automated IoT device onboarding & management

Managed Service Providers



“We strive to enable our property owner and operator customers to achieve above-average return on capital through differentiated digital experiences for their tenants and staff. Cambium Networks’ Wi-Fi 6 access points and cnMaestro X software deliver the performance, intelligent automation and application optimization that meaningfully contribute to that end.” - Dave Elder, Senior Director of Business Development, Safety NetAccess Inc.

Technologies

Cloud Management

cnMaestro X offers elastic scalability and a single-pane-of-glass to deliver secure, end-to-end network and wireless lifecycle management to simplify operations and ongoing maintenance.

5G Fixed

Service providers can profitably expand into new markets with cnWave 5G-based fixed wireless access (FWA) leveraging Cambium Networks' portfolio.

6 GHz

Businesses can make the best use of new spectrum and deploy multi-gigabit fixed wireless infrastructure and indoor and outdoor Wi-Fi 6/6E access points.

CBRS

Operators can leverage the CBRS dynamic spectrum sharing model and 150 MHz of spectrum for fixed wireless broadband.

Fixed LTE

The cnRanger™ Fixed LTE wireless platform substantially increases range and coverage while reducing cost and complexity.

Millimeter Wave

cnWave 60 GHz solutions enable service providers and enterprise network operators to extend their network with multi-gigabit speeds.

MU-MIMO

PMP 450m is the industry's first commercially deployed massive multi-user multiple-input multiple-output (MU-MIMO) platform.

Security and SD-WAN

Network operators can simplify enterprise security with a converged IT experience, transforming the network from a collection of disparate parts to a unified platform.

Wi-Fi 6 and 6E

Wi-Fi 6 indoor and outdoor access points improve performance and efficiency beyond 802.11ac networks even without the use of 802.11ax devices.

“Single-pane, cloud-based management systems that span across various network and security devices make it easier for both enterprises and MSPs to manage an IT system. We have found that companies offering a converged and automated system can respond more effectively to customers’ needs to implement business rules and to resolve problems.”

- Chris DePuy, Technology Analyst and Founder of 650 Group



PROVEN APPLICATIONS



CCTV Backhaul



Enterprise Networking



Fixed Wireless Access



Hybrid Networks



Multi-Dwelling Unit (MDU)



Outdoor Wi-Fi



Quality of Experience (QoE)



Small Cell Backhaul



Security & SD-WAN

Broad Portfolio of Solutions

Network Management

- Bird's eye view of entire network
- Monitoring & management
- Maximize network performance



cnMaestro™
Essentials
&
cnMaestro X



XMS
Cloud

Wi-Fi 6 Access Points

- Indoor & outdoor coverage
- Low TCO
- High user capacity



XV2-2
Indoor



XV3-4
Indoor



XV2-2T
Outdoor

Fixed Wireless

- cnWave 5G Fixed and 60 GHz
- CBRS, 5 GHz and 6 GHz multipoint backhaul
- Multi-gigabit speed



cnWave 5G Fixed



cnWave 60 GHz

Quality of Experience

- Reduce customer churn
- Increase end user satisfaction
- Increase revenue



QoE Appliance



QoE Manager

Ethernet Switches

- Zero-touch deployments
- Policy-based automation
- Enhanced security



cnMatrix™
EX1000 & EX2000 Series



cnMatrix™
TX1000 & TX2000 Series

Planning Tools

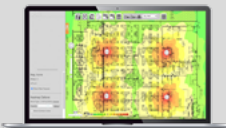
- LiDAR mapping with cnHeat
- Precise network planning
- Easy-to-plan coverage and capacity



cnHeat™



LINKPlanner™



Wi-Fi Designer

Security & SD-WAN

- Converged IT experience
- Wi-Fi, switching, security in a single framework
- Simplified security, visibility & policy



NSE 3000





HIGHER EDUCATION

“ San José’s pandemic recovery efforts include Wi-Fi for our small businesses downtown, as well as digital equity access for our families. The pandemic has shown how important core connectivity is to education, health and work. These assets are essential to ensuring a stronger, connected community.”

Dolan Beckel, Interim Deputy City Manager and Director of the Office of Civic Innovation and Digital Strategy

Cambium Networks empowers millions of people

with connectivity worldwide. Its portfolio is used by commercial and government network operators as well as broadband service providers to connect people, places and things. With a single network architecture spanning fixed wireless and Wi-Fi, Cambium Networks enables operators to achieve maximum performance with minimal spectrum. End-to-end cloud management transforms networks into dynamic environments that evolve to meet changing needs with minimal physical human intervention. Cambium Networks empowers a growing ecosystem of partners who design and deliver gigabit connectivity solutions that just work.



Cambium Networks™

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