



Cambium Networks™

Wireless Connectivity
Solutions for Traffic Control

MODERN TRAFFIC CONTROL NETWORKS DEPEND ON MULTIPLE SYSTEMS INTEROPERATING to optimize traffic flow and public safety. Leading transit authorities migrating to the digital age are choosing wireless IP connectivity as their communications infrastructure for monitoring, control, and video surveillance devices.

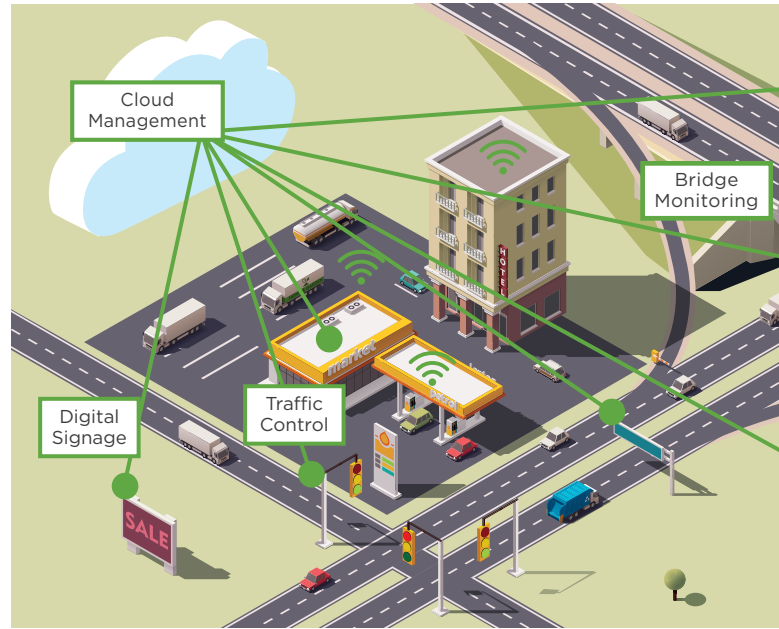
Wireless communications technology from Cambium Networks is proven to provide flexible, rapidly deployable solutions that support affordable IP connectivity in noisy and demanding environments. Agencies select wireless backhaul, multipoint distribution, and indoor and outdoor Wi-Fi connectivity for the confidence that their networks will work right the first time, continue to succeed over time, and in harsh seasonal conditions.

Applications:

- Driver alert signs
- Lane closures and control
- Red light monitoring
- Rail crossing safety
- Video surveillance/security
- Work site Wi-Fi hotspots

Cambium Networks Technology ensures outstanding traffic control connectivity

- Industry-leading GPS synched point-to-multipoint and point-to-point outdoor fixed wireless solutions to provide backhaul connectivity to individual or groups of Wi-Fi APs.
- Intelligent Filtering – automatically blocks out adjacent channel noise to improve signal quality
- Rugged Hardware – Outdoor IP 67 housings protect against rain, solar radiation, dust and temperature extremes
- Full license-free cloud or on-premise management monitoring, and Wi-Fi controller system along with smart-edge capability APs to ensure ease of provisioning, monitoring, and reliability as well as captive portal/splash page functionality.



Benefits:

Complete solutions – Cambium Networks provides end-to-end solutions including high capacity/high density cloud-managed and indoor & outdoor 802.11ac Wi-Fi access points, as well as fixed wireless backhaul solutions.

Highly configurable – Wireless networks can be designed to support a wide variety of applications all connected with one IP-based network.

Reliable – With millions of wireless broadband and Wi-Fi modules deployed around the world, Cambium Networks solutions are field proven to work in mission critical applications.

Rapidly deployable – Cambium Networks wireless infrastructure and Wi-Fi solutions can be installed, configured, and tuned up in a matter of hours.

Secure – The entire Cambium Networks portfolio of products conforms to the latest standards in network security, encryption, and protocols – ensuring data integrity for all users.





Proven Solutions

PTP wireless backhaul links provide high capacity connectivity in noisy environments

- PTP 820 licensed microwave solutions
- PMP 550 unlicensed backhaul

PMP 450 industry leading outdoor fixed wireless multipoint distribution equipment

- PMP 450 – Industry's highest capacity with scalability to 238 modules

cnMaestro™ management software platform for secure, end-to-end network control

- Zero touch provisioning and onboarding of devices
- View and perform a full suite of wireless network management functions in real time
- Optimize system availability, and maximize throughput

cnPilot™ Indoor and outdoor Enterprise Wi-Fi Access Points with industry leading features

- Smart-edge controller + cloud/on-premise managed
- 802.11 ac Wave 2 – High capacity / dual band
- POE Out on outdoor APs for point-to-multipoint or Camera connectivity
- Meshing capability

The Cambium Difference

- **Reliability** – Deploy wireless broadband and Wi-Fi where needed with confidence that it will work right the first time and continue to work over time.
- **Dedicated support** – Cambium Networks' extensive sales and support network can assist with planning and design of networks of any size.
- **Complete Solutions** – Cambium offers a complete range of wireless products including indoor/outdoor Wi-Fi, point to multipoint backhaul, and point-to-point radios for traffic control applications of all types
- **Ease of deployment** – Simplified setup and provisioning facilitated by user-friendly interfaces, cnMaestro onboarding, and intuitive hardware installation.



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 and social responsibility in wireless access is demonstrated in the millions of radios deployed in thousands of networks that benefit communities around the world. 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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