



## Cambium Networks is First to Market a Gigabit Outdoor Point to Point Solution Leveraging the 802.11ax Standard

February 1, 2021

**ePMP Force 400™ enables service providers and enterprises to rapidly build affordable gigabit speed wireless bridges and campus area networks using unlicensed spectrum**

ROLLING MEADOWS, Ill., Feb. 1, 2021 /PRNewswire/ -- [Cambium Networks](#) (NASDAQ: CMBM), a leading global provider of wireless networking solutions, today announced the new [ePMP™ Force 400 series](#) point to point system with gigabit speed fixed wireless connectivity in the Sub-6 GHz spectrum. Service providers and enterprises can rapidly extend connectivity and expand capacity without the cost of licensed spectrum, expensive subscriptions or trenching fiber.



"The [ePMP Force 425](#) is an amazing upgrade from the previous generation and the very first 802.11ax based optimized fixed wireless solution in the industry," said Josh Luthman, President of [Imagine Networks](#). "It gets us fantastic spectral efficiency, the hardware is unmatched, and we get to use the ePMP software we have been comfortable with for several years. The ePMP Force 425 also opens up numerous opportunities to leverage sub 6 GHz unlicensed spectrum in an affordable manner for various point to point applications."

Network operators can extend coverage with cost-effective backhaul for enterprise access, fiber extensions, Wi-Fi access or CCTV networks with the ePMP Force 400's flexible hardware design, 80 MHz channel support and improved over the air efficiencies providing up to 1 Gbps speed. The ePMP Force 425 is ideal for service providers looking to deliver high-capacity access services to residential and business customers. It also serves as a low-cost backhaul for MicroPoP's and outdoor Wi-Fi access points that require high capacity at moderate range without the overhead of licensed microwave. With an integrated Small Form-Factor Pluggable (SFP) port and optional Gigabit Passive Optical Networks (GPON) Optical Network Unit (ONU) module, the ePMP Force 425 also makes a great fiber extension to reach places where fiber cannot be cost justified.

"We were very impressed by the performance of the product and equally excited about the opportunities it presents us for extending broadband connectivity," said Marijan Rengel, CEO of [Pro-Ping Telekom](#). "The affordability of the platform, 1024 QAM modulation, flexibility of the hardware and ePMP user interface makes this an ideal choice for our network."

"Cambium Networks listens to service providers and enterprise network operators, and we are pushing the envelope to develop affordable gigabit wireless solutions that deliver a low total cost of ownership," said Sakid Ahmed, general manager of ePMP and cnVision business for Cambium Networks. "The ePMP Force 400 series, leveraging a leading 802.11ax technology platform from [Qualcomm Technologies, Inc.](#), builds on top of the field proven ePMP fixed wireless architecture, and expands fixed wireless broadband capability without the overhead of licensed spectrum."

"We are pleased to work closely with an innovative collaborator like Cambium Networks as fixed wireless solidifies its place as a powerful option for high speed internet access," said Ganesh Swaminathan, senior director, product management, Qualcomm Technologies, Inc. "Delivering high performance 802.11ax capabilities to these offerings with the Qualcomm® Networking Pro 800 platform can ensure high-capacity, stable, and high-speed experiences for today's most demanding environments."

The ePMP Force 400 is a global product supporting specific channels dependent on local country regulations. The system includes an SFP port making it easy to extend the fiber network. With an innovative optional range extender attachment, the ePMP Force 425 can offer an additional 6 dBi of gain without installing a completely new dish. The new radios support [LINKPlanner™](#) planning software [cnHeat™](#) heatmapping modeling tool, and the [cnMaestro™](#) management system. The radios are IP67 rated for rugged outdoor environments.

The ePMP Force 400 is available in two variations:

- Force 425 – equipped with a 25 dBi integrated dish antenna
- Force 400C – connectorized with two RP-SMA RF interfaces for dish or horn antennas

For more information, register to attend our free webinar "[High-Capacity Enterprise Access & Low-Cost Backhaul: Introducing the ePMP Force 400 Series](#)" on February 02 at 9 am US Central time.

Cambium Networks' solutions are available through Cambium's [global network of partners](#).

**About Cambium Networks**

[Cambium Networks](#) empowers millions of people globally with wireless connectivity. Its products are 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, centrally managed via the cloud, Cambium enables operators to achieve maximum performance with minimal spectrum and low overhead. Cambium empowers a growing ecosystem of partners who design and deliver multi-gigabit wireless solutions that just work.

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*Qualcomm Networking Pro Series 800 Platform is a product of Qualcomm Technologies, Inc. and/or its subsidiaries.*

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