



NEWS RELEASE

ADTRAN Expands Applications for 60GHz mmWave Mesh Fixed Wireless Access Solution

2020-09-08

New CPE enables gigabit service delivery for residential, enterprise and backhaul use cases over a converged wireless mesh network

HUNTSVILLE, Ala.--(BUSINESS WIRE)-- **ADTRAN®**, Inc., (NASDAQ:ADTN), a leading provider of next-generation open networking and subscriber experience solutions, announced today the general availability of the ADTRAN MetNet 60GHz high-powered version 2 (HPv2) CPE. This second generation CPE greatly improves the economics and time-to-market for extending gigabit symmetric services beyond the reach of the existing fiber network, whether it is a residential broadband, enterprise, backhaul or smart city use case.

This press release features multimedia. View the full release here:

<https://www.businesswire.com/news/home/20200908005134/en/>

ADTRAN's CCS Device (Photo: Business Wire)

“To fully address and bridge the digital divide, the market needs solutions that are not gated by the underlying physical infrastructure,” said Ron Westfall, Senior Analyst with Futurum Research. “We are seeing the tipping point of fixed wireless services becoming an invaluable compliment to fiber and fiber extension networks in terms of reaching any potential residential or business customer with gigabit capable services, no matter where they are located.”

Service providers and enterprise customers can now expand gigabit service range and reach via license-free fixed wireless networks with the ADTRAN MetNet 60GHz HPv2 CPE. Developed using technology built by Cambridge



Communication Systems (CCS), it uses a 90-degree phased array antenna that can now extend gigabit symmetric services out to 500 meters beyond the mesh nodes. This market-leading capability provides twice the reach over legacy gigabit mesh solutions currently in the market. This expanded reach translates to 50-70% fewer mesh nodes needed to provide gigabit coverage, which eliminates much of the capital and operational costs, as well as integration time required to push fixed wireless networks deeper into new residential markets and easily expand business services.

The ADTRAN MetNet 60GHz solution, inclusive of both CPE and mesh nodes, delivers on the promise of a robust, self-optimizing millimeter wave (mmWave) gigabit fixed wireless network. It is designed to reach residential, campus, smart city and business customers, as well as support backhaul/midhaul small cell densification initiatives. The next-generation CPE significantly reduces the cost per subscriber connected, offering a small form factor while retaining maximum link performance. The mesh nodes automatically form multi-gigabit backhaul links to neighboring nodes, which enables multi-gigabit drop capability at the mesh node or to aggregate the subtending gigabit CPE. Additionally, mesh and CPE radios can be easily added without RF engineering to further simplify network scalability. Multiple mesh nodes can be connected into the core network at different 1GE or 10GE fiber point of presence locations to offer additional network capacity and improved resiliency.

“The ADTRAN MetNet 60GHz solution is an innovative self-configuring, self-optimizing and self-healing solution that makes it simple to deploy as well as maintain. This affords new broadband service entrants with lean operations and provides those with limited wireless expertise the ability to rapidly and cost-effectively deploy an ultra-low latency, gigabit-capable access network,” said Michael Kletchko, Head of Market Development for Fixed Wireless Access Solutions at ADTRAN. “As operators look to build their best broadband network, ADTRAN is helping to eliminate the digital divide by making gigabit services available over any infrastructure.”

More information about ADTRAN’s Fixed Wireless Access portfolio can be found at [adtran.com/fixedwireless](https://www.adtran.com/fixedwireless).

About ADTRAN

ADTRAN, Inc. is a leading global provider of open, disaggregated networking and communications solutions that enable voice, data, video and internet communications across any network infrastructure. From the cloud edge to the subscriber edge, ADTRAN empowers communications service providers around the world to manage and scale services that connect people, places and things. ADTRAN solutions are currently in use by service providers, private enterprises, government organizations and millions of individual users worldwide. Find more at [ADTRAN](https://www.adtran.com), [LinkedIn](https://www.linkedin.com/company/adtran) and [Twitter](https://twitter.com/adtran).

View source version on [businesswire.com](https://www.businesswire.com/news/home/20200908005134/en/): <https://www.businesswire.com/news/home/20200908005134/en/>

Ashley Schulte

919-435-9112

ashley.schulte@adtran.com

Source: ADTRAN, Inc.