



NEWS RELEASE

ADTRAN Delivers Fixed Wireless Access Solutions to Accelerate 5G Deployments

2019-02-26

Multi-gigabit mmWave/Mesh/SON technology and integration solutions simplify and lower costs to advance Gigabit Society

BARCELONA, Spain--(BUSINESS WIRE)-- **ADTRAN, Inc.**, (NASDAQ:ADTN), the leading provider of next-generation open networking and subscriber experience solutions, today announced the extension of its fixed wireless access portfolio with the addition of new millimeter wave (mmWave) mesh and point-to-multipoint (PTMP) solutions that enable rapid deployment of dense 5G networks.

“Multi-gigabit broadband service extension via fixed wireless is essential to a comprehensive and cost-effective 5G network and provides a tremendous speed to market advantage,” ADTRAN VP of Cable and Wireless Strategy Hossam Salib said. “Fixed wireless technologies can be easier and more affordable to deploy than fixed fibre, which makes new millimeter wave and point-to-multipoint innovations excellent choices to build the dense backhaul network 5G requires.”

The advancement of these mesh, or self-organizing, technologies is accelerating the densification of mmWave backhaul networks needed to handle advancements in IoT, smart cities, connected cars and ultra-high speed broadband by connecting multiple nodes wirelessly with other nodes receiving bandwidth from fibre links. Radios can also be deployed without the sophisticated and expensive radio frequency (RF) planning required with point-to-point deployments.

ADTRAN is working with a number of Tier 1 carriers and regional service providers in the U.S. and EMEA to design,



deploy and manage access and backhaul networks utilizing mmWave/mesh/SON technologies.

“We are integrating these mmWave mesh and point-to-multipoint solutions into our Mosaic software platform to ease deployment and migration to SDN/NFV architectures as we help operators deploy fixed wireless solutions,” Salib said. “We then bring all the pieces together by leveraging ADTRAN’s network implementation service expertise, which allows operators to customize and integrate multiple wireless access technologies into their overall 5G strategy.”

ADTRAN will showcase its **fixed wireless solutions**, including those from partners **CCS** and **Siklu**, at **Mobile World Congress** in Barcelona, Spain, taking place February 25-28, 2019. ADTRAN’s booth is located in Hall 1 Stand 1A60.

About ADTRAN

At ADTRAN, Inc., we believe amazing things happen when people connect. From the cloud edge to the subscriber edge, we help communications service providers around the world manage and scale services that connect people, places and things to advance human progress. Whether rural or urban, domestic or international, telco or cable, enterprise or residential—ADTRAN solutions optimize existing technology infrastructures and create new, multi-gigabit platforms that leverage cloud economics, data analytics, machine learning and open ecosystems—the future of global networking. Find more at **ADTRAN**, **LinkedIn** and **Twitter**.

View source version on **businesswire.com**: <https://www.businesswire.com/news/home/20190226005411/en/>

Ashley Schulte

Witz Communications for ADTRAN

919-435-9112

ADTRAN@witzcommunications.com

Source: ADTRAN, Inc.