NEWS RELEASE

First in North America, ADTRAN SmartOS Platform Leverages Super-Vectoring to Deliver Ultra-Broadband Wi-Fi Services

2019-05-16

Provides operators with the ability to better monetize broadband service delivery to any customer, over any network, to any Wi-Fi enabled device

HUNTSVILLE, Ala.--(BUSINESS WIRE)-- **ADTRAN, Inc.**, (NASDAQ:ADTN), the leading provider of next-generation open networking and subscriber experience solutions, today announced an extension of its SmartOS-enabled portfolio of broadband access solutions with the **SmartRG 652ac (SR652ac)** residential and small business gateway. Operators can now expedite the delivery of ultra-fast internet services—leveraging recent investments in building multi-Gigabit access networks so that customers can have the richest broadband experience independent of location, device or infrastructure.

The new carrier-grade, SmartOS-enabled residential and small business gateway provides the ability to deliver highly competitive broadband—up to 700Mbps—without service or customer disruptions via bonded super-vectoring (VDSL2 profile 35b) technology. This highly scalable fiber broadband extension technology is ideal for the rapidly growing MDU/MTU markets. Using the existing in-building wiring to each unit helps network providers accelerate service deployment and save construction costs associated with delivering new broadband services. Further, service providers can run super-vectoring in parallel to other xDSL technologies in their access network, adding additional operational savings.

The SR652ac also provides advanced capabilities via its open software platform (based on OpenWrt), including self-

service portals, self-healing Wi-Fi and subscriber analytics. When paired with the **ADTRAN 1148SVX** 48-port sealed broadband micronode, operators now have a highly scalable solution to create efficient and cost-effective whole-home and whole-business Wi-Fi environments without the time and expense of pulling new facilities to each unit.

In addition, this gigabit-capable wireless gateway allows for an easy migration to any FTTH deployment model in the future, eliminating disruptive customer device swaps and application re-integration and testing. Another benefit of the SmartOS OpenWrt-based network operating system is that it's silicon-independent and enables an elegant transition to SDN/NFV architectures. ADTRAN is recognized as a leader in advancing open, disaggregated network architectures through its contributions to the Open Networking Foundation (ONF) and prpl Foundation ecosystems.

"The design philosophy with SmartOS is to give service providers a single, open source-based, secure software framework so that providers gain consistency and commonality to reduce testing or qualification cycles and increase speed to market for new and innovative services," ADTRAN's Senior Vice President of Subscriber Solutions & Experience, Jeff McInnis, said. "We can significantly reduce the cost and resources required to introduce new solutions into a network and help our customers bring better services to their subscribers through our feature-rich, SmartOS platform—enhancing the experience for everyone."

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**.

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Source: ADTRAN, Inc.