



NEWS RELEASE

ADTRAN Brings Mosaic Architecture to Life with Cloud Platform

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Only broadband architecture to accelerate transition to SD-Access

HUNTSVILLE, Ala.--(BUSINESS WIRE)--Aug. 23, 2016-- **ADTRAN®**, Inc., (NASDAQ:ADTN), a leading provider of next-generation open networking solutions, today announced its **Mosaic Cloud Platform™** to provide control and orchestration capabilities for ADTRAN's Mosaic Software Defined Access (SD-Access) architecture. The Mosaic Cloud Platform combines modular apps that have been in a microservices software architecture with open source control and orchestration platforms to create the industry's first and only solution to deliver open, SDN-based programmability of broadband access networks while maintaining the feature set and functionality of traditional management solutions.

"Open source software drives quick industry consensus for what is needed in control and orchestration platforms, including flexibility across multi-technology and multi-vendor network environments," stated Michael Howard, senior research director and advisor, carrier networks, IHS Markit Technology. "Platforms such as the ADTRAN Mosaic Cloud Platform are essential to carriers as they transition to more automation and service agility in order to engage customers via self-service portals. This transition will enable subscribers to easily customize broadband services based on their own unique requirements. SD-Access networks will not only support the self-directed subscriber, but make it easier for the service provider to manage broadband traffic loads across the network while reducing truck rolls and operational expenses."

The ADTRAN Mosaic Cloud Platform orchestrates on-demand provisioning of services, applications and resources across the entire access network from cloud-edge to subscriber-edge. The modular, component-based



management and control applications enable service providers to seamlessly deploy and upgrade services to all subscribers and/or network elements on the network at the same time. It leverages a multi-layered approach that includes an Orchestration Layer for the logical creation and provisioning of services, a Management and Control Layer that separates complexity with an open source SDN controller and a Device Abstraction/Aggregation Layer that connects any underlying physical and virtual network elements. These network-wide provisioning and management capabilities allow ADTRAN's customers to deploy services, for the first time, at the network level instead of having to manually provision services on the device or subscriber level. This approach to building open, programmable networks facilitates rapid innovation in multi-technology, multi-vendor environments.

"ADTRAN's latest advancements in SD-Access technology are game-changers for the delivery of residential, business and backhaul services," said Robert Conger, associate vice president, cloud and portfolio strategy, ADTRAN. "The Mosaic Cloud Platform's open microservices architecture enables our customers to better align network operations and IT development teams while operating their networks at Web scale, streamlining service innovation and capturing additional subscriber mindshare and revenue. ADTRAN Mosaic also enables our service provider customers to leverage the vast open source market to reduce service disruption and deploy new applications while maintaining a high quality of service."

About ADTRAN

ADTRAN, Inc. is a leading global provider of networking and communications equipment. ADTRAN's products enable voice, data, video and Internet communications across a variety of network infrastructures. ADTRAN solutions are currently in use by service providers, private enterprises, government organizations, and millions of individual users worldwide. For more information, please visit www.adtran.com.

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