



NEWS RELEASE

ADTRAN Delivers Software Defined Access Network Elements

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Open, programmable network elements deliver network scale, agility and broadband service velocity

LONDON--(BUSINESS WIRE)--Oct. 18, 2016-- **ADTRAN®**, Inc., (NASDAQ:ADTN), a leading provider of next-generation open networking solutions, today announced the first set of network elements to take SDN beyond principal framework to actual product implementation in broadband access networks. These Software Defined Access (SD-Access) network elements leverage the ADTRAN Mosaic[®] architecture to accelerate service providers' path to open, programmable and scalable networks. SD-Access architectures allow service providers to operate at web-scale, supporting expanded service flexibility and velocity.

ADTRAN's programmable network elements leverage agile, real-time service configuration typically found in the data center and apply it to the service provider's access network. ADTRAN's end-to-end suite of software defined network elements, the SDX Series, includes the following:

- High-density Passive Optical Network Optical Line Terminals (PON OLTs)
- Fiber-To-The-Distribution Point (FTTdp), leveraging copper and coax
- IP/Ethernet aggregation, fabric and Carrier Ethernet 2.0 access switches/routers
- Highly-programmable customer devices such as residential gateways, Wi-Fi Access Points and virtual CPE that together span the entire access network from cloud to subscriber edge

By deploying the SDN-native SDX portfolio in concert with a cloud platform, such as ADTRAN Mosaic, service providers can realize data center economies and agility in their broadband and business services access networks.



Aligned closely with ON.Lab's CORD initiative, ADTRAN's SDX network solutions portfolio benefits directly from the expanding community of application developers leveraging the open architecture.

"Service providers are building networks with high scalability, availability and performance so they can more easily keep up with bandwidth intensive applications. These requirements are challenging—service providers need flexible, open systems and platforms in order to build agile networks that can keep up with customer expectations," said Lee Doyle, principal analyst at Doyle Research. "Programmable network elements, like ADTRAN's, are critical to a service provider's ability to transform service delivery across residential, mobile and enterprise markets."

"ADTRAN is leading agile network solutions development. The SDX series of natively SDN-controlled access devices will enable operators to fast track the deployment of fully automated, web-scale networks," said Robert Conger, associate vice president, cloud and portfolio strategy, ADTRAN. "Service providers can rapidly create, deploy and upgrade applications independently for increased operational efficiencies, regardless of device, technology or service. This leads to more nimble business models, service innovations and improved revenue."

ADTRAN will demonstrate its Mosaic architecture with programmable network elements at **Broadband World Forum** today in London. For more information on the ADTRAN Mosaic platform, please visit www.adtran.com/mosaic.

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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