



NEWS RELEASE

# ADTRAN Streamlines Virtual Network Functionality to Accelerate Enterprise Service Delivery

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VNF bundle delivers greater flexibility and efficiency for service providers' vCPE service strategies

HUNTSVILLE, Ala.--(BUSINESS WIRE)--Aug. 12, 2015-- **ADTRAN®**, Inc., (NASDAQ:ADTN), today introduced its Virtual Network Function (VNF) solution suite, empowering telecom and cable service providers to seamlessly transition from embedded customer premises equipment (CPE) solutions to virtualized, software-based networks without compromising performance. The VNF suite is built on ADTRAN's networking application software and offers the same feature set and proven interoperability found in ADTRAN's advanced multi-service, multi-functional networking solutions currently deployed in small businesses around the world. With a customizable set of VNFs, service providers are able to improve the efficiency, performance and costs of a typical network function virtualization (NFV) deployment by eliminating the overhead of multiple virtual machines and guest operating systems. This enables service providers to further maximize the benefits of virtualization by deploying real-time services with greater flexibility and realize a faster time-to-revenue.

The move to software-based networks is addressing many of the challenges service providers have faced as they turn up new services for their enterprise customers. The cost of installing, configuring and maintaining CPE equipment is eliminated and new services can scale more efficiently to a greater number of customers and locations. However, even within this environment, there are still greater efficiencies to be found.

Most NFV implementation strategies utilize cloud-based VNF components sourced from various vendors to allow best-in-breed networking functions. ADTRAN virtualizes the most valuable CPE functions—such as routers, firewalls, enterprise session border controllers (eSBC) and voice quality monitoring (VQM)—and uniquely gives service



providers the option to bundle them into a single VNF. Along with greater efficiency and performance, costs are reduced in a single solution by eliminating vendor overhead and associated server hardware related expenses. For additional flexibility and for those service providers that want to pick and choose which network functions are virtualized, ADTRAN offers functions on a more granular basis, allowing the creation of service chains from multiple software vendors.

“Virtualizing CPE allows service providers to move away from deploying separate pieces of equipment at the customer premises for different functions, such as firewalls and eSBCs. By deploying software-based networking functions that achieve the same level of performance as hardware, service providers can save on equipment cost and management time, and open up new opportunities delivering services on demand,” said Matthias Machowinski, research director, enterprise networks and video, IHS Technology group.

“ADTRAN has long provided open architecture throughout its entire portfolio of solutions and services to pre-position our customers for a smooth transition to virtual networks. Our expertise in bridging the end-to-end network – from the carrier to the enterprise – gives us unique insight into what service providers need from their VNF functionality. Giving providers the option to bundle multiple networking functions into a single VNF eases deployment headaches, improves efficiency and lowers expenses,” said Chris Thompson, director, customer device portfolio, ADTRAN. “As service providers’ business models evolve, ADTRAN is designing, integrating and managing the next generation of networking solutions to align with that forward-looking vision.”

## 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](http://www.adtran.com).

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Connect2 Communications for ADTRAN

Ashley Baster, 919-435-9112

[ashley@connect2comm.com](mailto:ashley@connect2comm.com)