



NEWS RELEASE

# ADTRAN and TIM Leverage SDN/NFV to Advance the Open Network Evolution

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SDN and NFV lab trials accelerate the introduction of CORD-based broadband architectures

BERLIN & ROME--(BUSINESS WIRE)-- **ADTRAN®, Inc.**, (NASDAQ: ADTN), a leading provider of next-generation open networking solutions, and TIM, Italy's leading telco and ICT group, announce the signature today of a Memorandum of Understanding relating to ADTRAN's SDN/NFV technologies and platforms for network automation in the access network segment. As per the agreement, TIM will evaluate ADTRAN's **SD-Access** solution within its analysis of the advantages and the flexibility offered by SDN architectures applied to its ultra-broadband fiber access network.

**ADTRAN Mosaic™** is the industry's most open and complete SD-Access solution. It enables service providers to accelerate their path to SD-Access architecture, allowing them to better compete with emerging OTT providers operating at web-scale. ADTRAN will demonstrate the potential of an open, SDN-controlled network providing a reliable, scalable network that allows quick and efficient deployment of current and next-generation services.

"Operators in highly competitive environments are challenged to extend Gigabit services due to the time and cost that can be associated with traditional optical access technologies," says Ronan Kelly, CTO EMEA and APAC, ADTRAN. "With SDN and NFV innovation, operators like TIM can significantly accelerate Gigabit Society goals by launching flexible Gigabit services that dramatically reduce subscriber disruption and time-to-market."

"TIM is actively working on the evolution of the access network towards an open, easily upgradeable and programmable asset with greater operational efficiency, lower TCO and improved service automation," comments Andrea Calvi, head of network innovation in TIM. "These are the features we plan to assess on ADTRAN's solution as



part of the ongoing collaboration on our way to achieving the European Commission's Gigabit Society goals.”

The ADTRAN Mosaic Cloud Platform enables service providers to easily install, commission and select the desired services and confirm the provisioned ones. The lab activities will show the benefits of an open platform access model that enables operators to respond more rapidly to ever-scaling customer demands with compelling applications and rapid deployment of services by enabling a more flexible, agile services delivery framework. This integrated platform can quickly adapt to changing infrastructure needs across all possible access mediums, offering the possibility for new business models via network automation and reduced IT complexity. Service providers will benefit from new customer service flexibility assisting them to face the growth in bandwidth need and customer-driven services.

## About TIM

TIM is Italy's leading telco operator and ICT group. Its offer includes landline and mobile voice services, data, premium digital contents – films, music, games, e-books – and services for private customers and businesses.

Keywords at TIM are: top customer experience; smart, flexible and scalable bundles; convergence; a UBB-centric customer base supported by extensive new generation networks (at November 2017 73% of Italian household reached with fibre; 98% of population covered with 4G).

TIM controls TIM Brasil, a major player in the local market.

**[www.telecomitalia.com](http://www.telecomitalia.com)**

## 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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