



# SD-ACCESS ACCELERATOR

## FastTrack Migration to Next-Generation Networks and Service Innovation

Service providers – big and small – see the benefits of open, more agile, more program-mable, and highly scalable networks. However, the inability to gain experience in a cost-effective and risk-mitigated manner has kept service providers from investing time and money in it. In addition, operators have grown through acquisitions, and hence, have a disparate collection of networks and management systems across their entire footprint that increases the complexity of testing new systems.

ADTRAN introduces the SD-Access Accelerator, a suite of bundled turn-key Professional Services and pre-integrated Residential Central Office Re-Architected-as-a-Datacenter (R-CORD) Point of Delivery (PoD) systems that leverage ADTRAN's award-winning, Software-Defined access architecture – Mosaic, providing the most comprehensive, standalone, and pre-integrated R-CORD solution in the market. With a minimal upfront investment, Service Providers and Operators have the ability to test and experience SDN in a controlled environment. The system can be used in both test and live environments.

ADTRAN SD-Access PoD allows these operators to leverage its customizability and portability to understand the impact of an SDN disaggregated solution in different operating environments.

### KEY BENEFITS

- A complete SD-Access solution with minimal upfront investment
- Create, test, and rollout SD-Access services in either a test or live environment
- Incubate SDN across multiple operating environments with a highly portable solution
- Minimize risk of transition while testing SDN in a controlled environment
- Use the PODS as initial building block to migrate to a full SD-Access network

---

### **An End-To-End Access Network in a Box**

ADTRAN's R-CORD PoD is the first fully integrated and portable SD-Access solution that includes pre-integrated aggregation switches, access switches, subscriber premises equipment, Mosaic Cloud Platform and OS, and traffic simulation software. All this comes in heavy duty portable case with built-in racks enabling service providers to customize and incubate SDN in different operating environment.

### **Comprehensive Professional Services**

ADTRAN offers Professional Services associated with the PoD to perform custom validation testing and to develop transition plans to help migrate to a fully functional, highly scalable SD-Access network. ADTRAN Professional Services expertise, in performing custom system integration, allows for quick assessment and hands-on experience to validate and subsequently deploy SDN-based services in the access network.



**ADTRAN 10G Micro  
FTTH Indoor ONT**



**PON Switch (vOLT)**



**100G Aggregation/ToR Switch**



**10G Carrier Ethernet Access Switch**



**ADTRAN 10 Gbps Small  
Business Unit ONT**

**Learn more: [www.adtran.com/sd-access](http://www.adtran.com/sd-access)**