

A new era of PON has arrived

Discover Adtran's 50G PON solution

Adtran's SDX 6400 Series of 50G PON OLTs is pioneering a new era of scalable fiber access, keeping your network competitive for tomorrow's bandwidth demands.

A clear path for network growth

- **Protect** your FTTH investment with **superior performance** and **expanded capacity**
- **Streamline** residential, business and backhaul services on a **single fiber**
- Transition **smoothly** to **50G PON** with no impact on GPON or XGS-PON
- **Scale faster** with **Mosaic One** for seamless network management

Make the game-changing leap

- Deliver up to four enterprise-grade 10GbE services over a **single fiber**
- **Offer multigigabit services** at 10Gbit/s, 20Gbit/s and beyond without impacting existing subscribers
- Backhaul **diverse P2MP services** like public Wi-Fi and small cells
- Prepare for **50Gbit/s demands** with future-ready OLT ports

Future-proofing with SDX OLTs

- **Seamless integration** of 50G PON, XGS-PON and GPON in every port
- **Customize port density** and PON technology to fit any deployment scenario
- **Automate multi-vendor networks** for greater efficiency
- **Flexibly configure** networks with our growing family of SDX OLTs

Empower your network with 50G PON

Partner with Adtran to future-proof your broadband infrastructure

Converged services

Streamline delivery of residential, business and backhaul services over a single fiber

Seamless coexistence

50G PON, XGS-PON and GPON over a single fiber

Effortless transition to 50G

Upgrade existing markets with multiple technologies already deployed at your own pace

