

# AT&T Access Network Field Trial to Offer Multi-Gigabit Internet Speeds

AT&T will be field testing 10 gigabit per second symmetrical passive optical network technology later this year. We call this (XGS-PON) and this new technology can deliver up to 10Gbps on the downlink of a broadband connection.

*“Software-defined networks and XGS-PON are a natural step along the evolutionary path of PON technology... This is another way we’re enhancing our network and staying ahead of changing consumer and business needs.”*

**Eddy Barker,**  
Asst. Vice President of  
Access Architecture and  
Design, AT&T

AT&T’s goal is to support the merging of all services on a single network, including 5G wireless infrastructure. AT&T’s vision is to put XGS-PON in the cloud using software. Open hardware and software designs speed innovation. This innovative application can save time needed to manage, deliver, monitor, troubleshoot and provide care services to customers.

Customers are requiring faster internet speeds because of bandwidth-heavy applications like virtual and augmented reality and artificial intelligence. XGS-PON helps networks handle the bandwidth from these cutting-edge technologies.



Interoperability is key to our “Open Access” strategy. It’s necessary for the Software-Defined Network (SDN) and Network Function Virtualization(NFV).



[Learn more about GPON here](#)

