



Turning Copper into Glass

Extending Fiber Services over MDU Wiring

IMPACT of February 2022 FCC RULING on MDU Broadband

- Eliminates exclusive service provider access to all in-building wiring
- All wiring (fiber, coax, copper) is open access to any provider
- Erects a barrier to carriers who rely on installing fiber as they require a minimum 'take rate' which can no longer be guaranteed to earn an adequate ROI
- Removes incentive from providers to install fiber in brownfield buildings
- Property owners will have the investment burden to enable high speed broadband
- The winners are the carriers that bring Fiber to the Economical Point (FTTep) with the **Positron GAM**:
 - Eliminates the disruption & cost to rewire
 - Is profitable even at low initial take rates
 - Has the lowest CAPEX, the highest ROI
 - Has the fastest time (hours) to revenues
 - Has the same ARPU as fiber

FTTep: Fiber to the Economical Point

- FTTep enables service providers to offer very fast broadband services by **leveraging existing infrastructure**. It also allows them to implement an **optimal allocation of resources** between lines given the users' **real-time traffic needs**
- FTTep is typically deployed near the end-user either outside or inside the building
- **G.hn delivers Gigabit speeds (Downstream / Upstream) over telephone wiring and coaxial cabling**

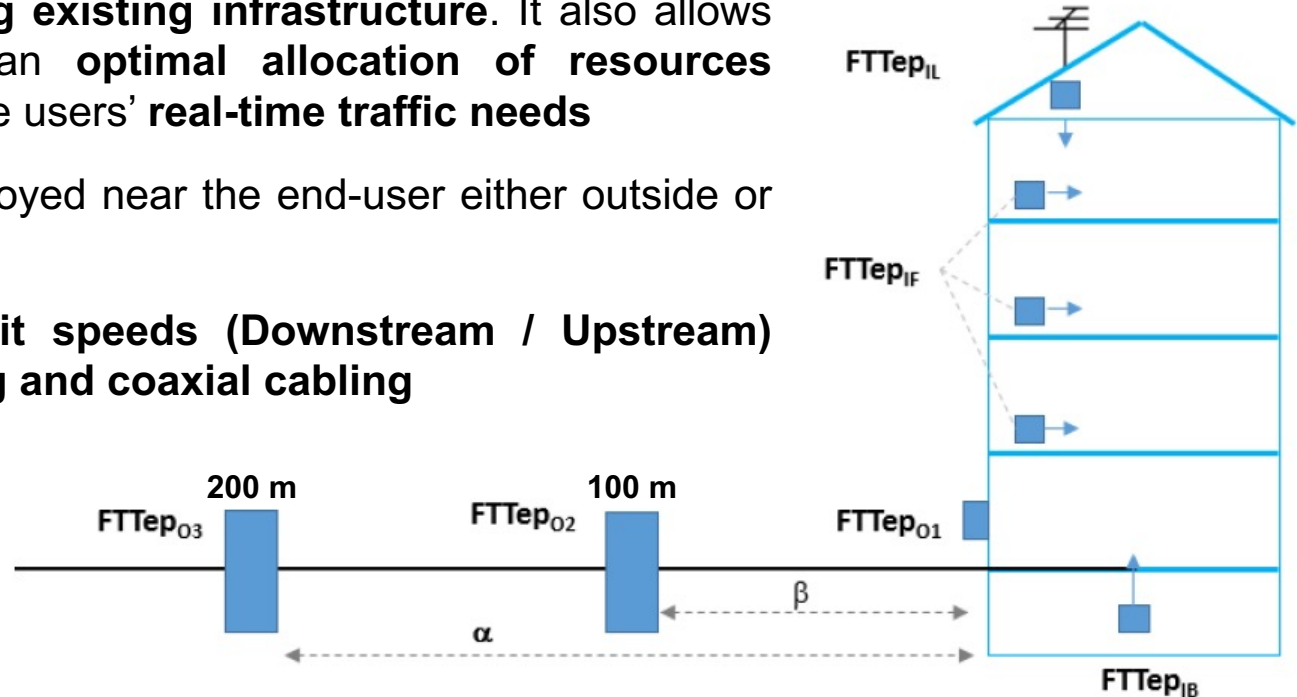
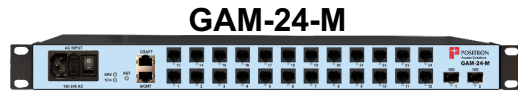
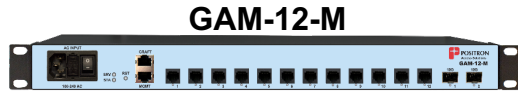


Figure 2-1: Typical Multi Dwelling Unit FTTep deployment scenarios

Introducing the Positron Access **GAM** Portfolio

Indoor GAM



Outdoor GAM



**GAM-4-MX
GAM-4-MRX**

**GAM-8-MX
GAM-8-MRX**

**GAM-4-CX
GAM-4-CRX**

**GAM-8-MVX
GAM-8-MDVX**

G1000's



**G1001-M
G1002-M★
G2002-M+★**

G1001-MR

**G1001-C
G1002-C★
G1002-C+★**

G1001-CR

M indicates MIMO support (Copper)
C indicates Coaxial support
D indicates DM Mode for +/- 190- VDC

★ **New!**

R indicates Reverse Power Feed
X indicates Outdoor (IP68) Enclosure
V indicates support for +/- 190V Feed



Visit us at Booth #605

Extend Gigabit Broadband to MDU/MTU Subscribers using the existing Copper or Coax Wiring

May 2-5 at Marriott Marquis in Houston, Texas



Our President & CTO Pierre Trudeau will be a presenter on session
**How Do I Upgrade My Existing
Brownfield Community's Broadband?**

Attend this Multifamily Track / Room # 1 on May 4 at 3:20pm