

FTTx & the Emerging Hybrid Network

2008 Overview of Fiber
related Forum work



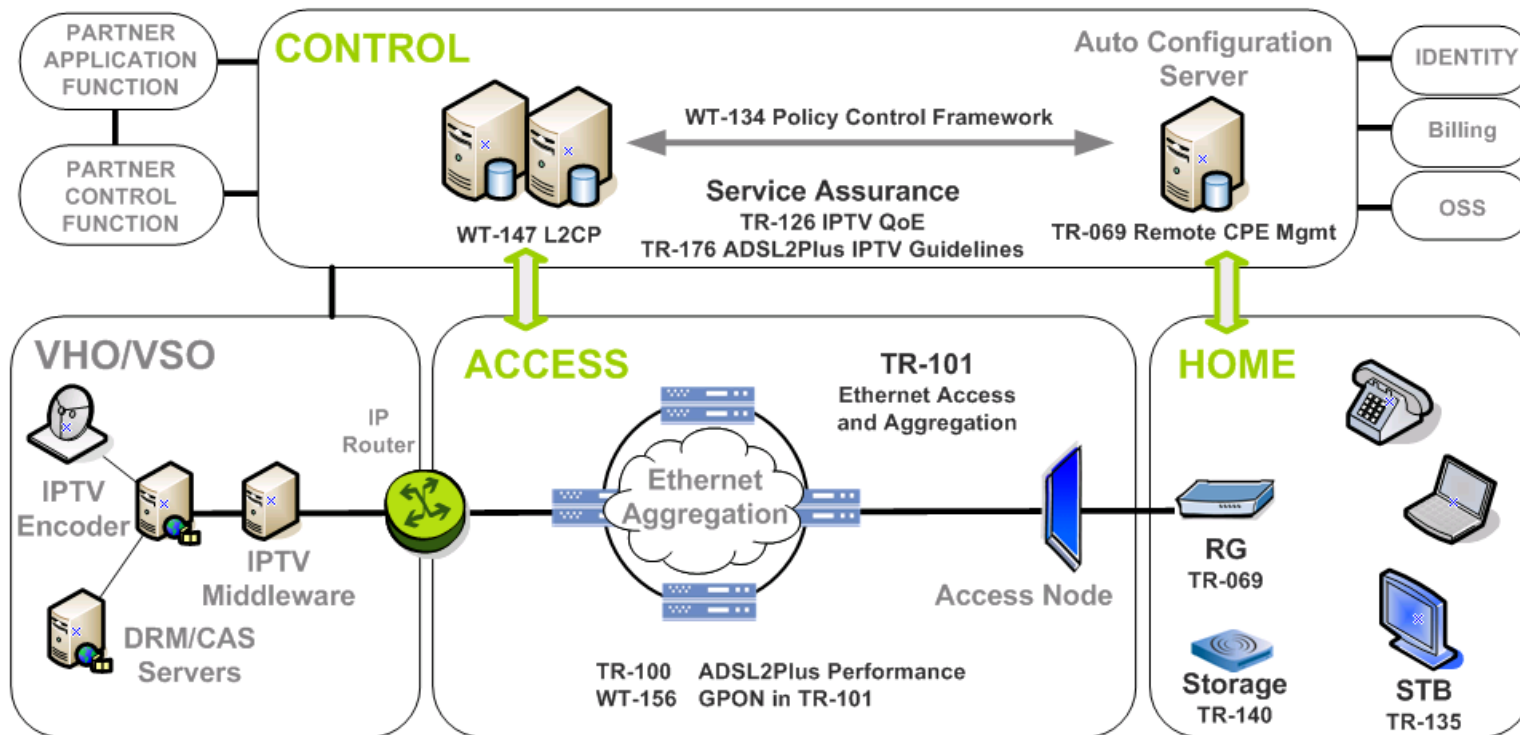
Our scope has expanded beyond DSL

- Our work aligns with real world deployments
- Today, service providers are rolling out fiber in an effort to provide fast quality broadband to more places and in support of more demanding IP-centric applications
- As more applications come online in each home or business, the bandwidth demands will increase and fiber is a key transport option to ensuring IPTV's future success.
- The Broadband Forum's remote management specifications are access agnostic and also support fiber deployed homes

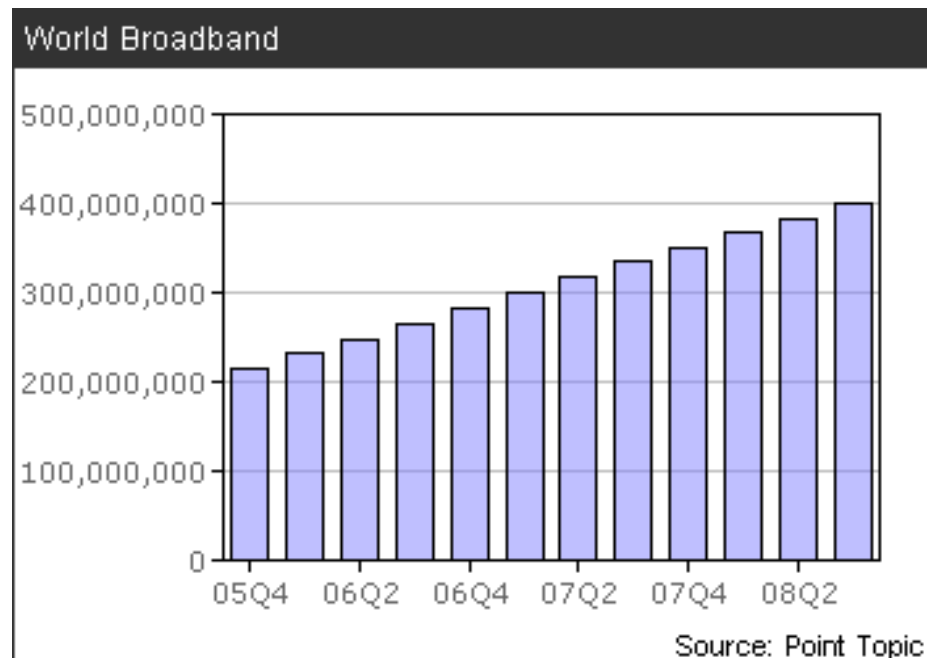
Broadband Forum Scope

End-to-end Broadband Transport, from Core to Home with associated:

- Control
- Management
- Operational procedures
- Equipment functional requirements
- Interoperability



Latest Broadband Statistics- 400 Million and steady growth (3Q08)



Over 400M Broadband Access Lines Deployed

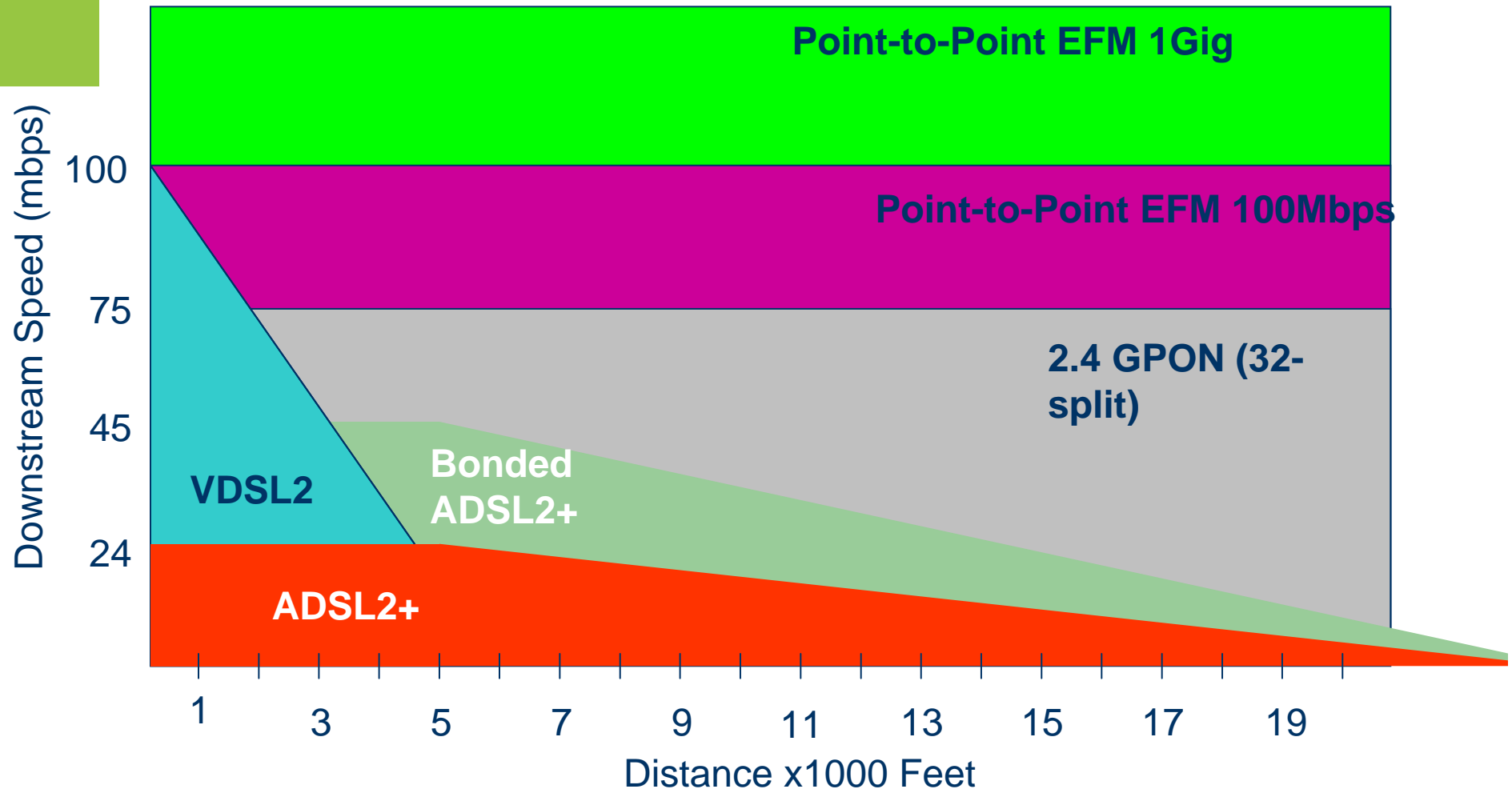
Majority is DSL but fiber access is gaining ground

| | | |
|------------|-------------|------------|
| FTTB | Subscribers | 2,613,000 |
| FTTB+LAN | Subscribers | 3,767,975 |
| FTTH | Subscribers | 5,858,904 |
| FTTN+VDSL2 | Subscribers | 337,000 |
| FTTP | Subscribers | 40,194 |
| FTTx | Subscribers | 13,997,512 |
| FTTx + LAN | Subscribers | 21,396,135 |

48,010,720

Source: Point Topic, 3Q2008

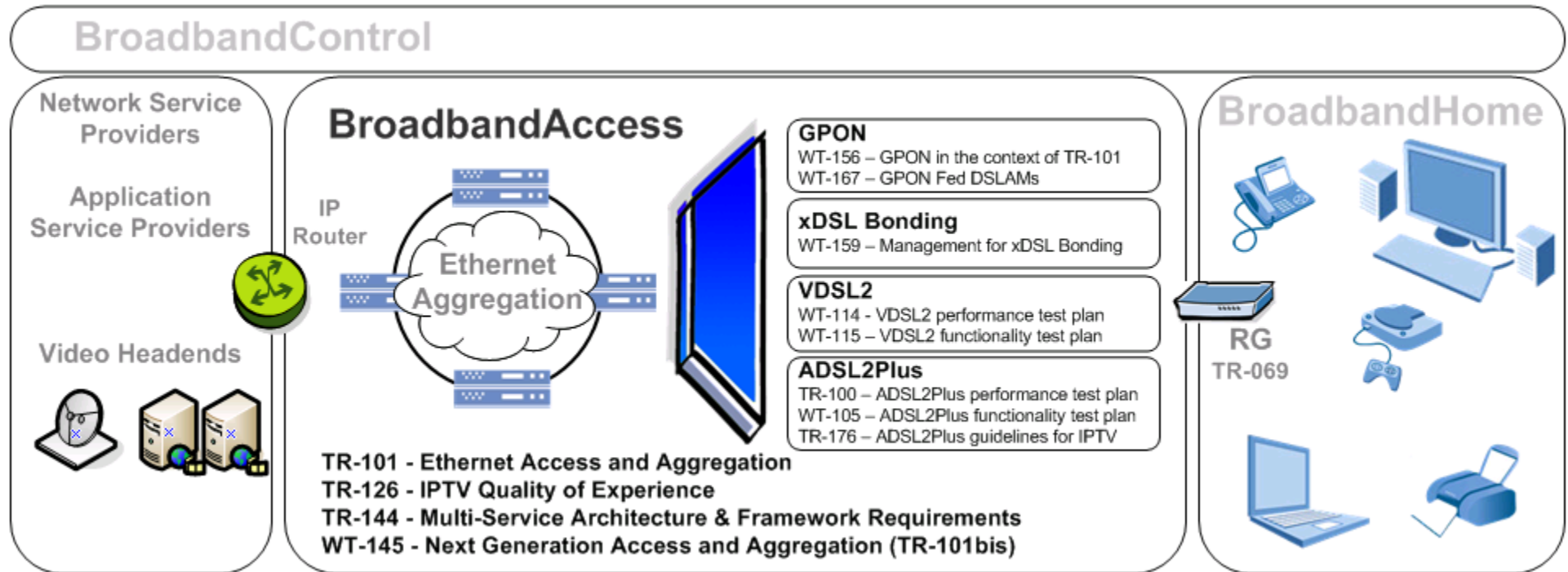
Fiber increases rate & reach options



Networks are Changing Fast

- The Broadband Forum's focus is on evolving networks to better serve the latest applications
- In Access, two main areas are addressed-
 - Access Aggregation and
 - The Last Mile, which could be-
 - DSL
 - Fiber or
 - Other transport options (e.g. WiMax)
- We also develop network and digital home management specifications
 - We expanded deep into the home to specify object models for all varieties of online devices
 - Enables measures and provisioning options to ensure better quality of customer experience.

Access Platforms must be able to handle all types of access options



Fiber related specification in development:

- WT-156 extends the IP Ethernet access aggregation in connection to a PON last mile.
- WT-167 provided the common method for establishing PON fed DSLAMs
- New work initiated on EPON and Ethernet point-to-point fibre access

**Thank you for taking time to learn
more about our fiber related work**

For more information,
check out Release 3.0
for related TRs

