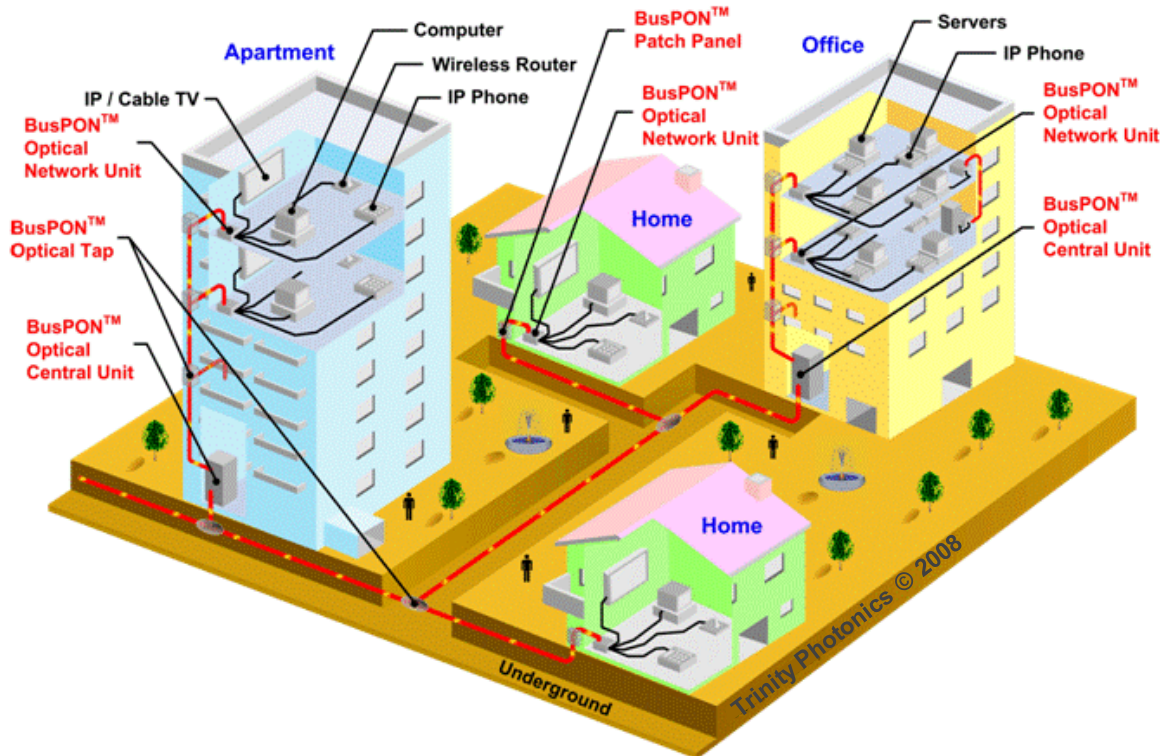


BusPON – A Network Can Grow



Bidirectional, Upgradable and Scalable PON Solutions for FTTx



Trinity Photonics provides various Fiber-to-the-Home (FTTH), Fiber-to-the-Building (FTTB) and Fiber-to-the-Curb (FTTC) solutions for densely populated cities based on **BusPON** technology. All fiber networks within the serviceable areas are passive i.e., no electricity required for a range of tenths of km. The one-stop total solution comprises terminal equipments (both for user side and central hub), fiber cabling, cabinets and patch panels, wall optical socket/outlet and remote web-based fiber network management provide “plug and play” services for both users and all carrier services providers.

Features:

- WDM technology (less fiber)
- 1Gbps or beyond per node
- Fast and seamless deployment
- Easily upgrade to 10Gbps per node
- Triple-play: data, voice and video (HD-IPTV)
- Simple PtP, Bus and Tree network architectures
- Optional level of resilience: node, building or room
- support different service providers concurrently
- range from hundreds meter to 80 km
- Optical network management to home/room
- Compact high performance Optical Central Unit
- no need for changing the infrastructure for future upgrade
- Fiber-to-Everywhere deployment

Application:

- FTTH, FTTB and FTTC
- Estate and Villa solutions (e.g. 4000 node system)
- ADSL, CATV and EPON/GPON upgrade
- City-wise or Estate-wise WiFi networks
- Multi-service access networks (4G/LTE etc.)
- Commercial High Rise Building
- Hotel Networks
- Hospital Networks
- Government Buildings /Complex
- Factory and Manufacturing Plant Networks

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Your Partner for the Next Generation Network



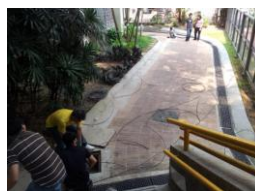
BusPON – Fiber-to-Everywhere



WDM-PON for FTTx
(up to 50 km range)



Fiber-to-the-Desktop



Fiber-thru-the-Sewer



Railway Fiber Network



Fiber-to-the-Ceiling



Outdoor Fiber Node
(WiFi AP, BTS or HD Cams)



School Optical Network



Fiber-under-the-Cabinet



Fiber-to-Floor



Fiber-to-the-Building



Fiber-to-the-Stage



Optical Cloud Center
(40+ WiFi access)



About Us

**TRINITY
PHOTONICS**

- Founded in 2007
- Specialized in the fields of optical communication and photonics technologies
- Strong experience in R&D of next generation networks and systems
- Established Five Production Lines in PRC and Hong Kong
 - Advanced Optical Transceiver Unit
 - High Speed Electronics and Circuitry Unit
 - Advanced Passive Optical Component Unit
 - Optical Communication System Integration Unit
 - High Performance Switching Fabric Unit
- Providing one-stop reliable solutions including manufacturing, system integration, installation and maintenance for Fiber-to-the-Home (FTTH), Fiber-to-the-Curb (FTTC) and Fiber-to-the-Building (FTTB) globally
- Launched a series of patented solutions based on Bus Passive Optical Network (BusPON)
- Deployed the first WDM-PON in Bus topology (BusPON) in Hong Kong
- Offering the first optical systems that demonstrates intelligence resilience in single fiber architecture
- Registered Consultant of Office of the Communications Authority (OFCA) in Telecom Areas
- List suppliers for various Government Departments in HK
 - Education Bureau (EDB)
 - Electrical and Mechanical Services Department (EMSD)
 - Government Logistics Department (GLD)
- Collaboration with major Telcos and Universities in HK
- Your Partner for the Next Generation Network

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