



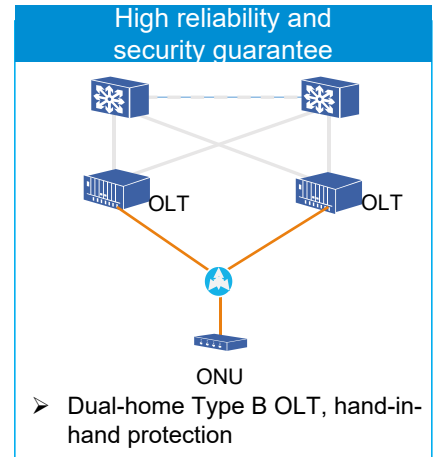
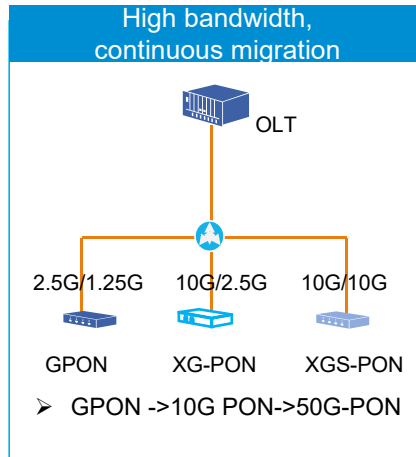
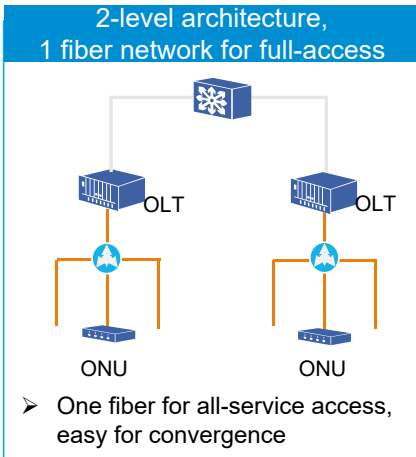
Building All-Optical and All-Scenario Coverage
Smart Campus Networks

FTTR-B Campus Solution

ZTE

1

All-Optical fiber connection is the foundation of the campus networks



Flat Network Structure

- The OLT-ONU networking simplifies the networking.
- The P2MP architecture can easily and flexibly expand the capacity.

Smooth Evolution

- Multiple types of ONUs co-exist in the same ODN network.
- GPON → XG(S)-PON → 50G-PON

High Reliability and Security

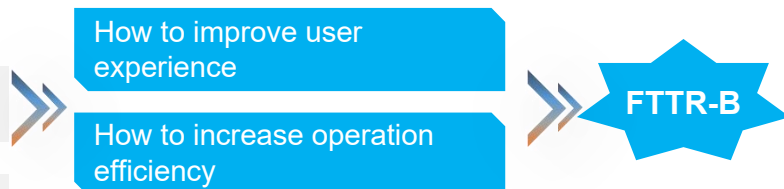
- Type B/C, hand-in-hand and OLT dual-parented protection.
- Unified service provisioning, ONT plug-and-play.

FTTR-B Campus solution based on PON technology, inherits the advantages of PON including **high bandwidth**, **flat network architecture** and **high reliability**.

2

FTTR-B will become mainstream in campus network

- Large scale vertical data traffic transmission based on DC
- Multiple services access with one network
- Fiber in copper out is the trend for campus network



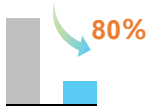
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FTTR-B Campus decreases equipment room and simplifies O&M, saving TCO



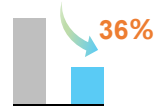
Less room space

- Reduce 80% equipment room



Less power consumption

- Reduce 36% power consumption of CO room



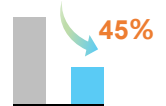
Less cabling cost

- Decrease the Ethernet cable length from 40 to 1-20 meters



Low TCO

- Save TCO by 45%.



4

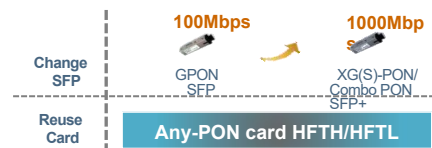
Any-PON, pay as you grow, build 10G PON ready networks

Flexible Switching between Technologies



16-port Any-PON Card

Only change optical module, ODN "0" change



On-demand Deployment

- On-demand optical module replacement
- **1** feeder fiber
- **5** access mode coexist

Quick Upgrade

- **"0"** chassis/card change
- **"0"** ODN e change
- Upgrade with RTU(Right To Use)

Quick Data Migration

- Manual -> Tool, higher efficiency
- Higher data conversion accuracy

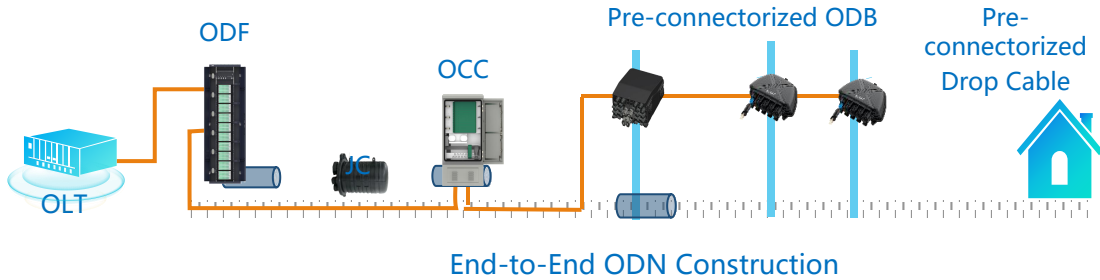
- **Pay as grow**, deploy GPON first, then upgrade to 10G PON
- **Low** XGS-PON upgrading cost
- **Low** engineering human fee

50+ operators in **30+** countries with Any-PON deployment



5

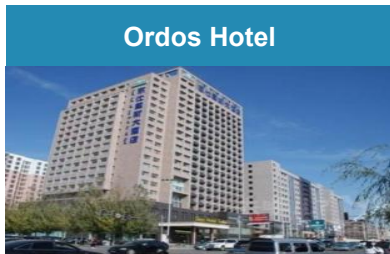
E2E ODN Solution Helps Rapid and Cost-effective Construction



- Professional network design and planning, **HLD and LLD**
- Pre-connectorized enables **fast deployment**
- **15+** years and **30M+** lines turnkey experience

6

FTTR-B Campus solution has been deployed by 800+ customers worldwide



Campus



Education



Medical Care



Production



Transportation



Energy



Hotel

**FTTR-B Campus, Helps Build All-Optical and All-Scenario
Coverage Access Solution for Campus Networks**



Leading 5G Innovations

