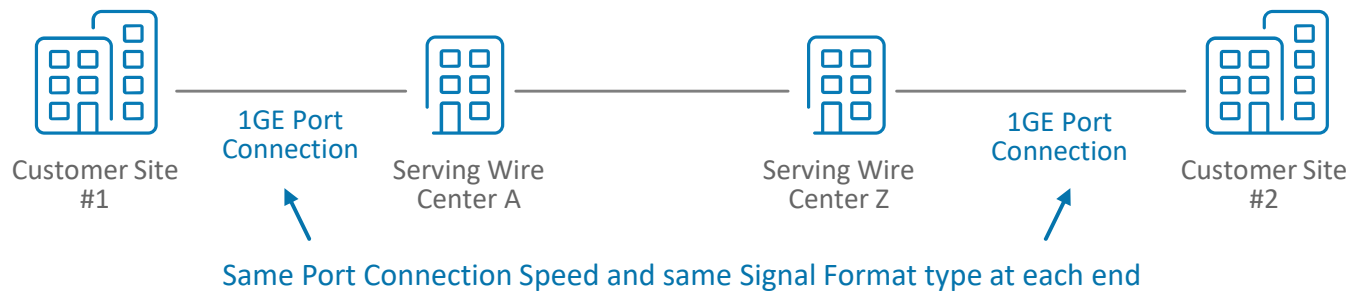# AT&T Dedicated Ethernet is...

- High speed fiber-optic based services transporting native Ethernet or Optical Transport Units
- Ethernet private line services offering high performance transport of customer Ethernet traffic between two locations at
  - 1 Gigabit per second
  - 10 Gigabits per second
  - 100 Gigabits per second

- Private line optical services with low latency and jitter, critical to server synchronization and other delay-sensitive network applications

- Delivered over expansive Dense Wave Division Multiplexed (DWDM) / Reconfigurable Optical Add-Drop Multiplexer (ROADM) network to help ensure high performance and function
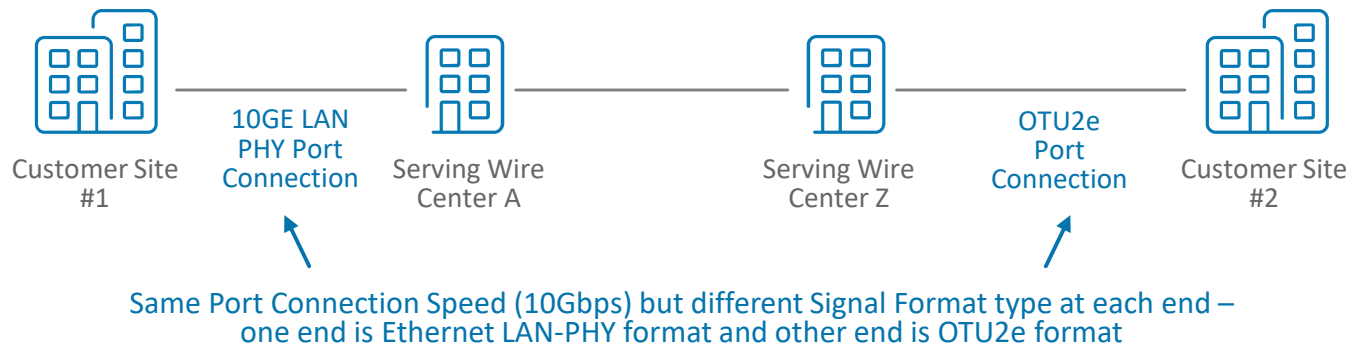
Flexible configuration options:

AT&T Dedicated Ethernet provides flexible configuration options
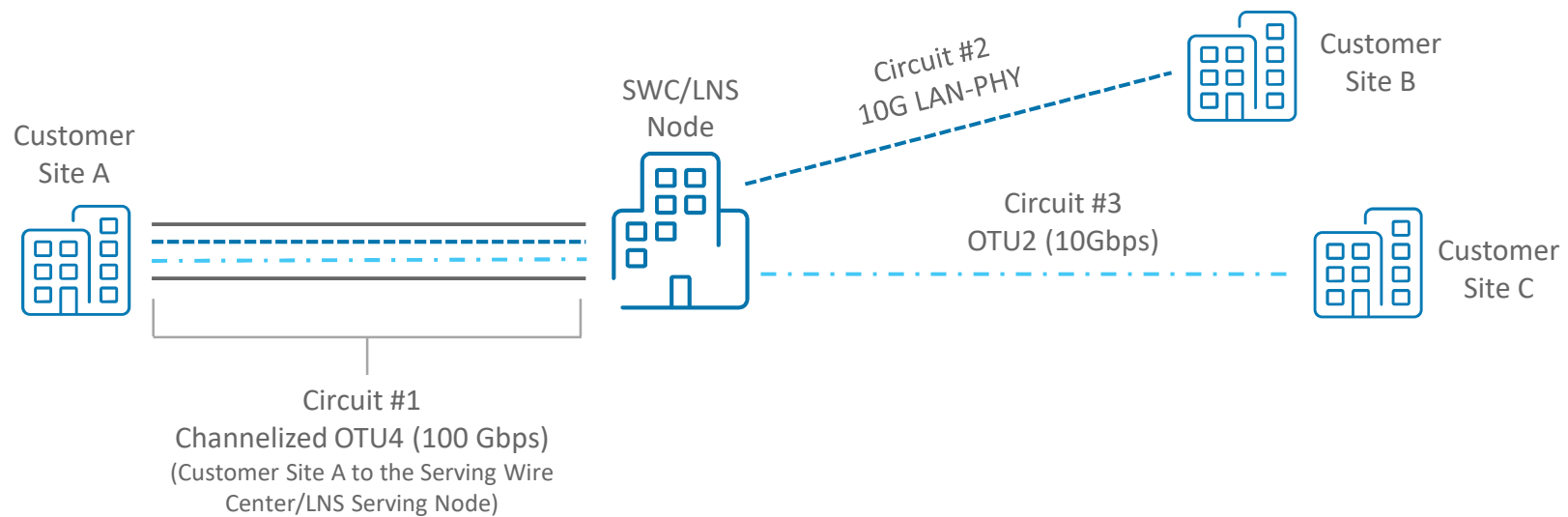
1. Same Speed / Same Format Example

Customer Site #1 — 1GE Port Connection — Serving Wire Center A — Serving Wire Center Z — 1GE Port Connection — Customer Site #2

Same Port Connection Speed and same Signal Format type at each end

2. Same Speed / Different Format Example

Customer Site #1 — 10GE LAN PHY Port Connection — Serving Wire Center A — Serving Wire Center Z — OTU2e Port Connection — Customer Site #2

Same Port Connection Speed (10Gbps) but different Signal Format type at each end – one end is Ethernet LAN-PHY format and other end is OTU2e format

Flexible configuration options (continued):

3. Higher Speed Aggregation Example

AT&T Dedicated Ethernet can be arranged in a higher speed aggregation arrangement to connect multiple lower speed port connections to a channelized higher speed port connection.

In this higher speed aggregation example, two AT&T Dedicated Ethernet lower speed circuits are connecting to an AT&T Dedicated Ethernet higher speed channelized circuit to connect Customer Site A to Customer Sites B and C.