

Optical LAN for Enterprise

Optical LAN is gaining traction in all market verticals as a contemporary fiber-based networking technology, with Tellabs and Panduit leading the way.

Enterprise businesses that need to upgrade or replace existing telecommunications networks are looking for ways to improve energy efficiency and sustainability – both wireless and wireline. Technology managers are looking for solutions that furnish high bandwidth while increasing the security and reliability of their networks, all while reducing capital and operating expenses.

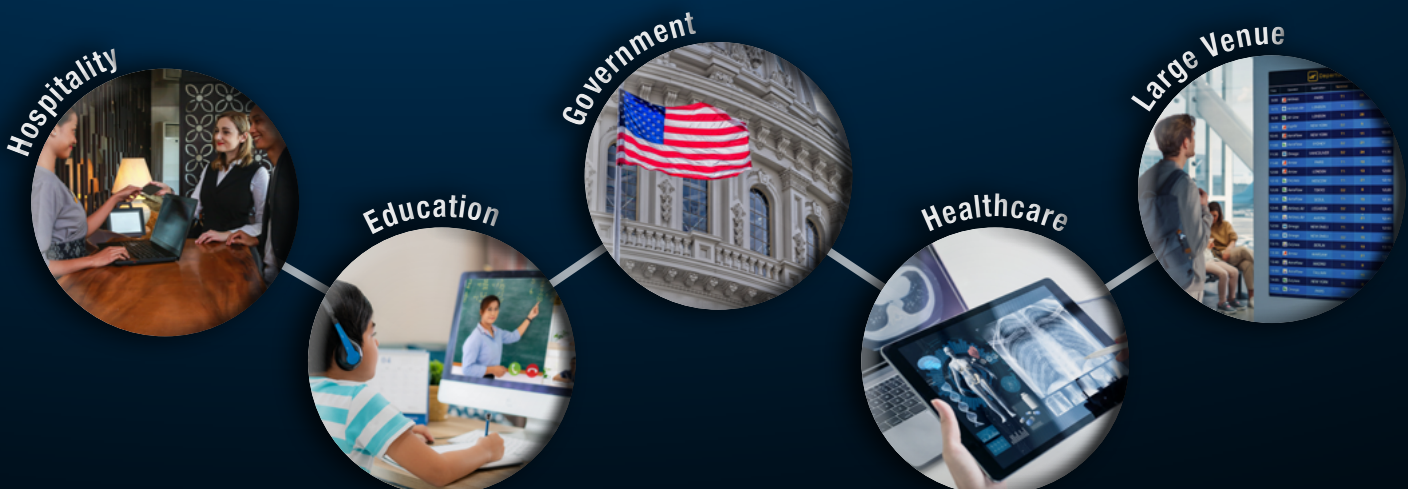
To meet these requirements, enterprises are turning to fiber-based network technologies. Optical Local Area Networks (Optical LANs) provide enormous value to enterprises without forcing them to alter how they do business, while existing services provided by their networks remain the same with no change to core and end devices connected.

The benefits of fiber-based LANs for enterprises start with:

- Fiber is technology independent
- Fiber cabling allows for greater reach
- Fiber offers graceful migration from 1 to 100 gigabits

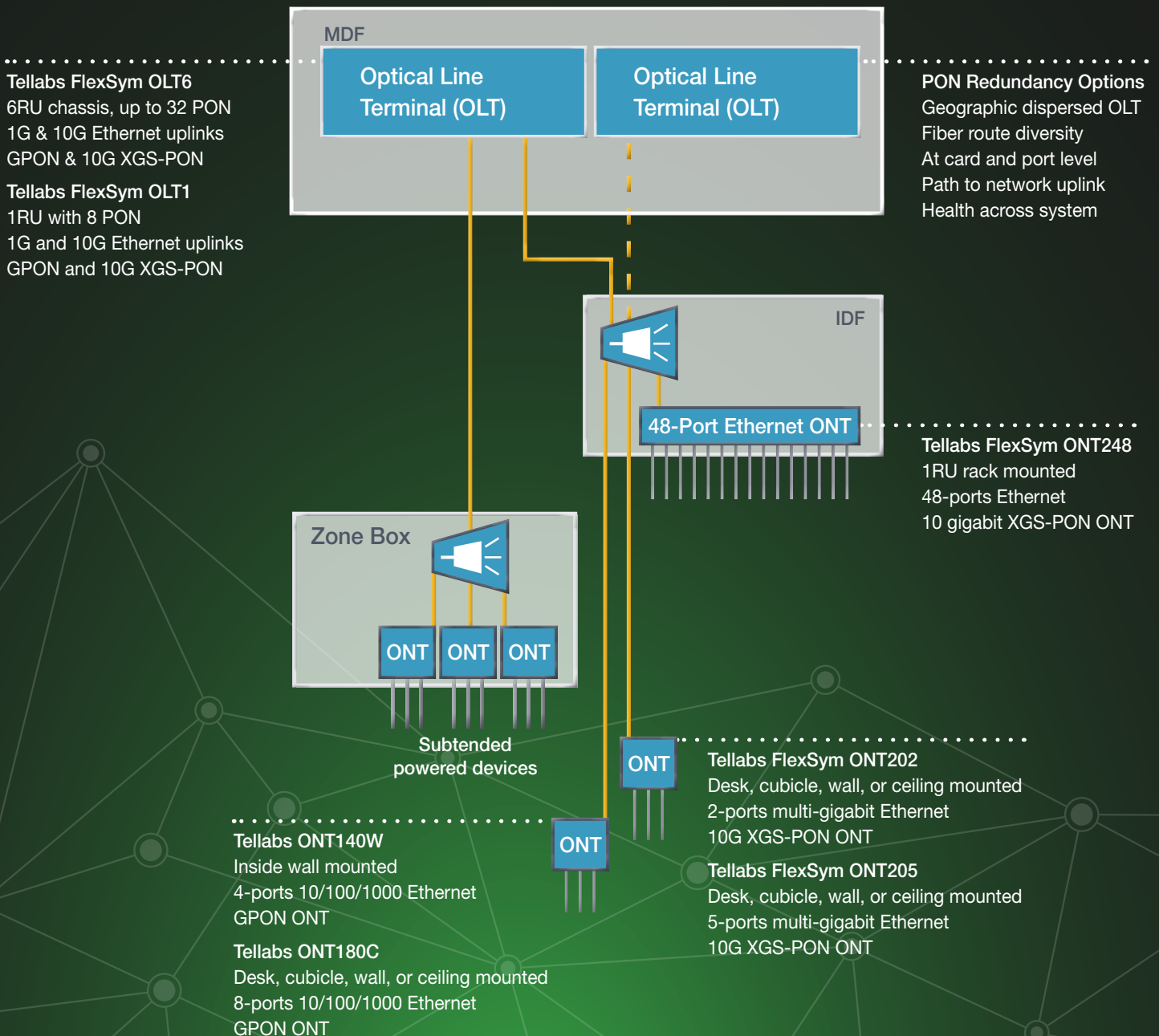
Optical LAN for enterprise is an alternate way to build and operate networks. Optical LAN speeds IT productivity through simplification resulting in 1/5 manpower needed to do simple daily moves, adds and changes. It eliminates 10s or even 100s of known IT vulnerability points, shrinks the network attack surface, and is ideal for zero trust architecture. It offers flexible design options to right-size capacity (e.g., 1 gig to 10 gig) and density (e.g., ten to thousands of connected users and devices).

Optical LAN is optimized for modern fiber-based network connectivity inside buildings and across campus, with growing utilization in markets such as:



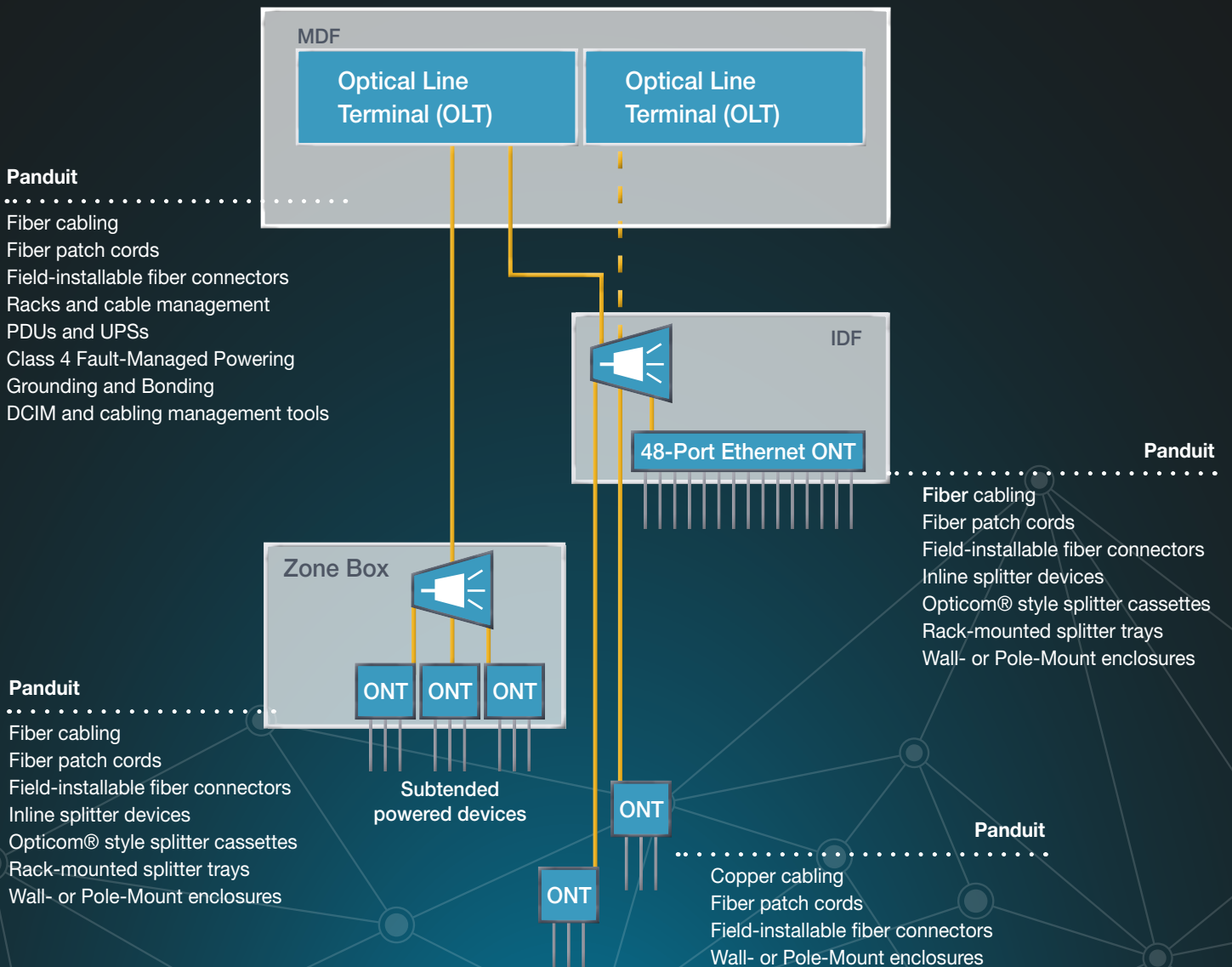
A Better Way to Build and Operate Enterprise Networks

Tellabs Optical LAN is a true enterprise-centric solution that offers an alternative means of designing and operating local area networks. Optical LANs minimize the distance constraints of legacy copper LANs and deliver increased network performance.



Optical Networks Deliver Converged IP Voice, Video, Data, and Building Automation

The Panduit approach to optical LAN allows organizations to evolve their LAN in a gradual and cost-efficient way, using the same access node and in-building cabling, while making minimal changes in electronics today and going forward (to new generations of optical LANs).



Why work with the Tellabs and Panduit team?

Industry leading Optical LAN solutions that match specific vertical markets and geographical regions with an end-to-end solution that exceeds the needs of our valued customers.

In this rapidly adapting business climate, it is important that stakeholders have vetted all options. Tellabs and Panduit stand ready as trusted advisors to help navigate organizations through the myriad of choices for simple, secure, scalable, and sustainable connectivity. The combined team unites network designers, installers, integrators, and operators on a common goal to recognize these significant technology transitions, and take full advantage of them, with the following solutions:

- Fiber cabling
- Fiber patch cords
- Field-installable fiber connectors
- Splitter devices
- Rack-mounted splitter trays
- Wall- or pole-mount enclosures
- Copper cabling
- Racks and cable management
- PDUs and UPSs
- Class 4/Fault-managed power solutions
- Grounding and bonding
- DCIM and cable management tools
- G-PON and 10G XGS-PON OLTs
- G-PON and 10G XGS-PON ONTs
- Wi-Fi WAP and Intelligent Controller
- Advanced Availability Software Package
- Advanced Security Software Package
- Advanced NAC Software Package
- Advanced Operations Software Package

Next Steps

Take the next step and reach out to your
Tellabs and Panduit advocate today to learn more.



18900 Panduit Drive,
Tinley Park, IL 60487
800-777-3300
panduit.com



4240 International Parkway, Suite 105
Carrollton, TX 75007
972-588-7000
tellabs.com