

# Carrier-Class Ethernet

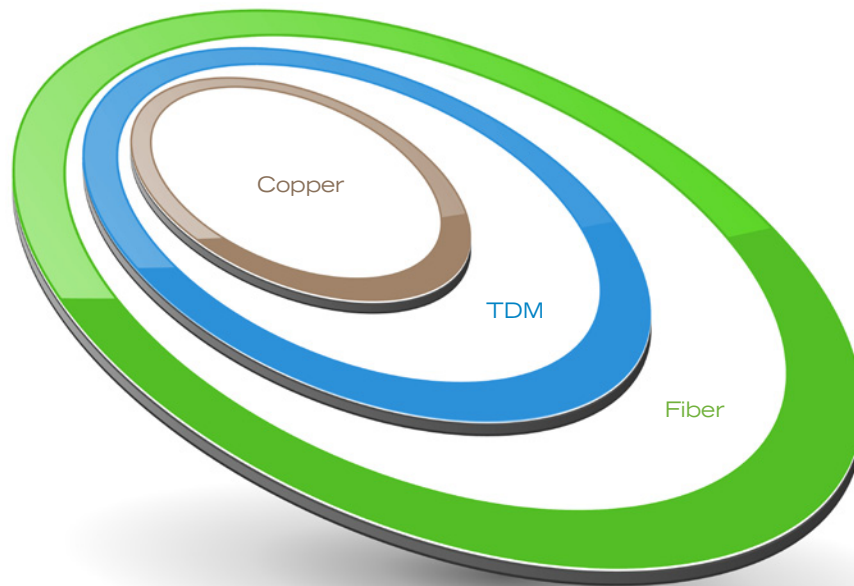


Ethernet can be a more cost-efficient way to bring ultra high bandwidth to your business.

With more applications being pushed out to the cloud and videoconferencing and streaming media a day-to-day reality for businesses, the need for bandwidth is growing. Yesterday's technology doesn't always deliver like it used to.

In more and more situations, 10 Mbps is becoming the new T1. And multiples of that are needed to drive larger enterprises with a high reliance on data intensive applications. TelePacific's Ethernet access services offer a wide range of bandwidth options from 1Mbps to 1Gbps. With a denser footprint than any other carrier in California and Nevada, TelePacific can help you meet your application requirements with flexible bandwidth options across our network and yours. Use our Ethernet services to expand the capabilities of your LAN and optimize your WAN.

With Ethernet access solutions you can get more from your network with improved efficiency, scalability and expanded capability. And with TelePacific, all of our Ethernet services include around-the-clock network monitoring. More than just access to performance, you get timely notifications of service trouble management and resolution.



Ethernet Type	Over Copper	Over TDM	Over Fiber
<b>Delivery Facility</b>	Copper loop	DS1/DS3	Fiber
<b>Speed Range</b>	1-10Mbps	1.5-135Mbps	Up to 1Gbps
<b>Restrictions</b>	Within 12,000 ft. of an Ethernet equipped local serving office	None	Your building must be served by fiber

\* Not all connection types or speeds are available at all locations. Ask your TelePacific sales representative to qualify your locations for Ethernet access solutions.



## TelePacific Ethernet Access Solutions

### MPLS VPN

Use our Ethernet access to Private IP MPLS service for your wide area network. Eliminate the need for firewalls, encryption and tunnels at every site to improve performance while cutting IT admin and costs. WAN services over Ethernet let you expand your network capabilities and improve performance for less money.

### SIP Trunking

TelePacific is offering its SmartVoice services over Ethernet to provide dynamically allocated voice and data across bigger pipes. Available in Lines, PRI, CAS and SIP Network Connect flavors, customers can get multiple call paths, dynamic Internet access and/or MPLS services at speeds from 1Mbps to 135Mbps.

### Internet Access

With so many data speed options...44 to be exact...you can support any bandwidth intensive application without delay. If your employee productivity is suffering due to slow Internet access, Ethernet may be for you.

## The Benefits of Ethernet to your Bottom Line

- ▶ **Improved productivity.** Send and receive large files at higher speeds so you spend less time waiting and more time working.
- ▶ **Lower cost.** With Ethernet you get more bandwidth for your dollar. Equipment costs are also lower because you don't need to buy expensive telecommunications hardware.
- ▶ **Ease of use.** Use familiar and easy to use LAN protocols to lower training time and management expense.
- ▶ **Scalable bandwidth.** To keep up with the demands of your growing business, Ethernet bandwidth scales smoothly from 1 Mbps to 1 Gbps, meaning that TelePacific can respond to your changing needs with ease.
- ▶ **Higher performance.** Applications can perform better over the wide area network. That's because your data stays in its native Ethernet format from end-to-end without the overhead imposed by traditional telecommunication protocols.