

Business Ethernet

Enabling IP networks to run on top of layer 2 connections, Ethernet is the most widely installed LAN and WAN technology.

It is a less expensive and more powerful alternative to traditional connectivity solutions that require T1s and OCXs, with the ability to reach speeds up to 10 Gbps.

WHY YOU NEED IT

Most businesses don't have the time, resources or expertise to effectively manage a network, which is why many turn to carriers for alternative solutions. MPLS VPN is commonly chosen because it allows you to seamlessly connect thousands of business locations, support multiple applications, and choose between a flat fee or more flexible, usage-based billing options. Ultimately, the MPLS VPN increases speed, decreases latency, strengthens IP phone connectivity, improves quality of phone service and processes information faster.

BENEFITS



Faster Speed

Especially when it's fiber-based, Ethernet offers one of the fastest connections available. BASE-T, the most commonly installed system, provides speeds up to 100 Mbps, while 10 GbE offers up to 10 Gbps.



Scalability

For growing businesses, Ethernet-based networks are optimal because they're so easy to scale. For instance, you can start at 10 Mbps and seamlessly scale up to 1 Gbps, without having to wait for the service provider to visit your site. However, equipment change may be necessary.



Flexibility

Ethernet is ubiquitous because most hardware is compatible with it. Because of this, you won't need to worry about existing equipment or devices not being able to connect to the network. Additionally, it requires no hardware changes for the most part, so there is no need to hire technicians or pay for expensive equipment. There are also managed options available if you prefer to offload management to a provider.



Cost

Because it runs on less expensive hardware than T1s and OCXs, Ethernet is generally a less expensive connectivity option. Although service is improving, equipment prices continue to drop, allowing you to benefit from a high-speed network without paying an arm and a leg.

Recommended
Vendors

To get a full list
of recommended
vendors, contact
us today!