

E-LAN

TECHNICAL SPECIFICATIONS



Why Choose Frontier Business?

A trusted partner and leading tech provider, Frontier's team of experts helps nearly 400,000 enterprise customers solve their business and IT challenges with advanced technology.



Customized Solutions

Frontier offers scalable commercial Ethernet solutions to help your business applications operate efficiently. Frontier's fiber rich network serves businesses of all sizes, ranging from small and mid-sized businesses to Fortune 500 companies.



Industry Certified Network

Frontier has successfully completed the Metro Ethernet Forum (MEF) 2.0 Certification for its Carrier Grade Ethernet portfolio "Frontier Ethernet Solutions", placing it in a select group of Certified Carrier Ethernet companies.

Frontier offers MEF 2.0 certified enterprise grade E-LAN service for connectivity within the continental United States. Frontier offers Layer 2 transport services in an any to any design that allows all User-Network Interfaces (UNIs) to participate in a fully meshed design. UNIs are available via electrical (copper) or optical (fiber) handoffs with speed tiers ranging from 10Mbps to 10Gbps.

E-LAN Service Offering

EP-LAN service is a multipoint-to-multipoint 'all-to-one' bundle service designed for any-to-any connectivity. Customer VLAN tags are preserved through 'all-to-one' bundling and most layer 2 control protocols are tunneled through the Frontier network. EVP-LAN is VLAN based and also provides any-to-any connectivity. Each E-LAN connection is sized per the requested bandwidth at the assigned Class of Service (CoS) port. Today, E-LAN is offered with a single Quality of Service (QoS)

- EVP-LAN is a VLAN based service
- SLAs and SLOs.
- EP-LAN provides all to one bundling.



E-LAN Service features:

- Ideal for Multipoint to Multipoint applications such as intra-company voice and LAN-to-LAN data.
- Offers simple, connectionless and any-to-any connectivity.



Frontier's E-LAN offering provides customers with a reliable, scalable, and secure connectivity delivered over Frontier's private fiber-optic network. The service is backed by industry leading Service Level Agreements which provides Frontier's customers with a guarantee of service performance and measurable metrics.



Reliable

Frontier's ELAN offering is a service that rides on our private network and the network and services are monitored 24/7/365 by technicians in a Network Operating Center (NOC) and any alarms or utilization spikes are analyzed for any modifications that are needed, allowing for customer peace of mind.



99.99% Network Availability



**4 hour On-net / 6 hour Off-net
MTTR (Mean Time to Repair)**



Scalable

Frontier's E-LAN offering includes bandwidth tiers from 10Mbps to 10Gbps all delivered over Frontier's premier fiber optic network. Services are offered throughout the continental United States and may include partnerships with other telecommunications providers, but all serviced by Frontier. Frontier is the customer's "one stop shop" for any concerns or issues.



Secure

Frontier's E-LAN is secure by providing service via Ethernet Virtual Circuits (EVCs) that are delivered over Frontier's private network. All connections outside of Frontier's footprint are delivered over the private network of our partners and connected with a private External Network to Network Interface between Frontier and the selected partner. At no time do any of these services connect or traverse the public internet.

Why Ethernet vs Other Technologies

Frontier E-LAN has a single CoS which passes frames that are prioritized by the customer. This permits customers to retain control over the flow of data both into and out of Frontier's network.

Ethernet is a state-of-the-art offering that allows for changes to design and configuration as opposed to circuit-based technology where additional hardware and/or network build is required.

Our focus, your success

At Frontier, we believe in the power of technology to change lives. That's why we take pride in being a trusted business telecommunications partner, helping you meet today's challenges and technology demands. With more than 180,000 miles of fiber spanning 25 states, our growing network is designed with the evolving needs of business customers like you in mind.

We know providing better solutions, better service, and better value is the best way to ensure your business wins. From dedicated connectivity to fully managed services, we're committed to practical and powerful solutions that bring teams together and move businesses forward.

Got a question or need support?



Visit us at **enterprise.frontier.com**