

Designed to Allow Service Providers to Seamlessly Extend Service Area and Expand Addressable Market

FirstLight offers MEF standards-compliant Ethernet Access (E-Access) service across its entire footprint. E-Access allows service providers to leverage FirstLight's robust, fiber-based network to seamlessly extend their network reach and expand their addressable market.

High Quality, Reliable Ethernet Built for Service Providers

FirstLight's Ethernet Access service meets the carrier's requirement to deliver IT applications in a predictable and consistent manner regardless of the remote end-user location - ensuring consistent delivery and quality of service (QoS).

From the end user's perspective, the service provider is providing the complete, end-to-end solution. From the service provider's perspective, they are able to choose a single location to connect to the FirstLight network. From there, they can leverage FirstLight's ~8,000 on-net locations and ~25,000 near-net locations to serve customers that are located outside of their service territory.

FirstLight's Ethernet Access service is available as a port-based service at the UNI (Access Ethernet Private Line – EPL) and a VLAN-aware service at the UNI (Access Ethernet Virtual Private Line – EVPL).

What is Ethernet Access?

Ethernet Access service is Metro Ethernet Forum's (MEF) newest Carrier Ethernet 2.0 solution that enables service providers to leverage regional fiber-based networks, such as the FirstLight network, to extend their reach and serve customers' remote or branch locations.

Ethernet Access service (formally defined as MEF 33 E-Access service type) is presently the only service to be defined from an External Network Network Interface (ENNI) to a User Network Interface (UNI).

Features

- Available as Access EPL and Access EVPL
- 10 Mbps to 100 Gbps UNI connectivity options; 1, 10, and 100 Gbps ENNI interfaces
- Unrestricted VLAN tag usage (both single and multiple tags) per service instance
- All equipment used to deliver E-Access service is MEF certified

Benefits

- Single ENNI provides access to FirstLight's entire network
- Standards-compliant Ethernet Access service to ensure a seamless, end-to-end solution
- Reliable service with 24x7 monitoring from our Network Operations Center (NOC)
- Services scalable to 100 Gbps to enable bandwidth increases as your clients' needs evolve

