

# Ethernet Services



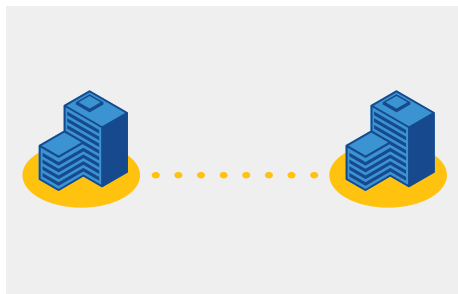
Link your locations with nationwide reach, leverage bandwidth-intensive applications and fortify your business continuity plans. Do it all with customized Ethernet Services from Spectrum Enterprise.

### Ethernet Services overview

Simplify your wide-area network (WAN) infrastructure for secure, seamless collaboration. Cost-effectively connect your locations with simple, flat-rate pricing. Empower your IT staff with network visibility via a secure Ethernet services portal providing real-time status updates and reporting capabilities.

Ensure network reliability by partnering with one of the largest Ethernet providers in the U.S. with more MEF CECP 2.0-certified professionals than any other provider. This means your evolving business can depend on Ethernet services from an industry leader with a robust, fiber-rich network and highly competitive service-level agreements.

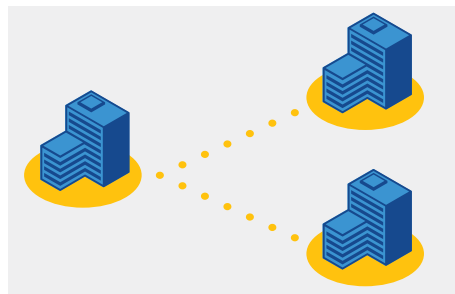
### MEF CE 2.0-certified topologies for any business



#### Point-to-point

Ethernet Private Line (EPL)

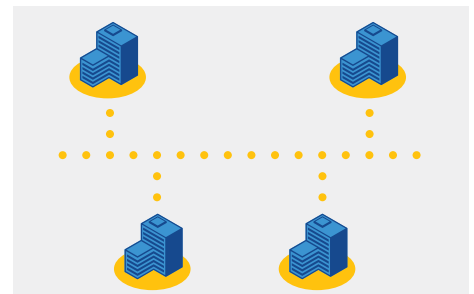
For businesses with two locations, EPL is a cost-effective, reliable, high-capacity business Ethernet solution. EPL connects client premises equipment (CPE) with a lower-cost User Network Interface (UNI), making it a smart alternative to traditional TDM private-line service.



#### Point-to-multipoint

Ethernet Virtual Private Line (EVPL)

EVPL offers a reliable, high-bandwidth and cost-effective alternative to legacy TDM private-line, frame-relay or ATM service. It enables companies with a central office and satellite locations to communicate and collaborate seamlessly on one robust, secure network.



#### Multipoint-to-multipoint

Ethernet Private LAN (EP-LAN)

Combining the privacy of traditional ATM/frame-relay or private-line service with the performance and resiliency of IP VPN, EP-LAN is ideal for connecting multiple campuses. Now, widespread locations can share one seamless, secure network with the bandwidth to elevate productivity and efficiency to new levels.



### SpectrumEnterprise.net

The Spectrum Enterprise client portal provides visibility to your Ethernet services anytime, anywhere and on any device. See your network inventory and circuit performance through interactive graphs and downloadable reports.

**Available reporting:**

- Utilization
- Availability
- Frame delay
- Frame delay variation
- Frame loss ratio

Location	City	State	Product	Circuit ID	Bandwidth (Mbps)
1343 Hueytown Rd	Bessemer	AL	EPL	Hub	2,000
1 Independent Plz	Birmingham	AL	EPL	33.L2XX.009979.TWCC-5445	2,000
3950 Atlanta Hwy	Montgomery	AL	EPL	Hub	100
1761 E Main St	Partville	AL	EPL	75.L9XX.004326.TWCC-4632	100
1533 Sierra Hwy	Acton	CA	EVPL	Hub	4,000
100 E Huntington Dr	Alhambra	CA	EVPL	12.L1XX.229382.TWCC-9325	1,000
91-239 Kuhlea St	Kapolei	HI	EVPL	52.L2XX.229382.TWCC-6122	200
9901 Widmer Rd	Shawnee Mission	KS	EVPL	87.L3XX.223343.TWCC-5234	500
6501 Mission Bay Dr	San Diego	CA	EPL	Hub	1,000
7263 Engineer Rd	San Diego	CA	EPL	21.L1XX.008824.TWCC-6203	50

**Hub**  
100 E Huntington Dr  
Alhambra, CA

**Details**  
Circuit ID: 4839402350825  
Connected to: 100 E Huntington Dr, Alhambra, CA (Hub)  
Product: EVPL

**Circuit Utilization**  
Date: 10/14/17  
Bandwidth: 500 Mbps

Legend: ■ Downstream ■ Upstream

The graph shows utilization percentages from 0% to 100% over a 24-hour period. Downstream utilization (blue line) fluctuates between approximately 40% and 60%. Upstream utilization (green line) fluctuates between approximately 30% and 50%.

**Learn more**

[enterprise.spectrum.com/ethernet](http://enterprise.spectrum.com/ethernet)

**About Spectrum Enterprise**

Spectrum Enterprise, a part of Charter Communications, Inc., is a national provider of scalable, fiber technology solutions serving America’s largest businesses and communications service providers. The broad Spectrum Enterprise portfolio includes networking and managed services solutions: Internet access, Ethernet access and networks, Voice and TV solutions. Spectrum Enterprise’s industry-leading team of experts works closely with clients to achieve greater business success by providing solutions designed to meet their evolving needs. More information about Spectrum Enterprise can be found at [enterprise.spectrum.com](http://enterprise.spectrum.com).