

ETHERNET OVER FIBER (EOF)

Spectrotel's Ethernet over Fiber service provides dedicated internet access using carrier Ethernet technology via fiber optic cables for high quality, local access connectivity. Depending on facility availability, service configurations use either a Metro Fiber Network, also known as "lit building internet," or an Access Fiber Network, which utilizes Ethernet access services provided over the Local Exchange Company's fiber optic infrastructure.



AFFORDABILITY

Cost effective, high quality, high-bandwidth internet connectivity.



SCALABILITY

Speeds from 5 Mbps to 10 Gbps depending on location.



AVAILABILITY

Nationwide via ILEC, cable and regional fiber networks.



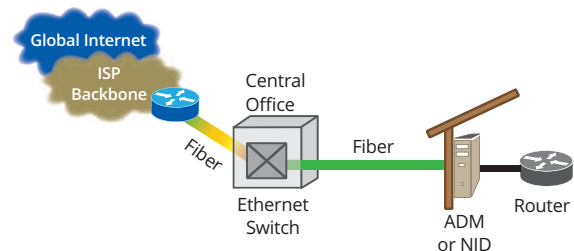
RELIABILITY

Provides top tier reliability via the largest carrier and operator networks.

Fastest-Growing Nationwide Aggregator of Voice, Internet, and Managed Services.

Spectrotel's Ethernet Over Fiber (EOF) offers internet connectivity via the nation's Tier 1 internet backbones over high quality, Ethernet framed, local fiber transport.

EOF via Metro-Fiber Network or "Lit Building Internet": In those cases in which the customer's premises is directly connected to one of Spectrotel's Metro area Ethernet providers, Spectrotel utilizes the Metro Fiber Network, to provide a fixed path with Ethernet framing on a fiber loop to provide an Ethernet Private Line from the customer's premises to the internet port.



EOF via Ethernet Private Line (EPL): Provides a dedicated fiber loop with Ethernet framing from the customer's premises through the Serving Wire Center (SWC) to the internet port.

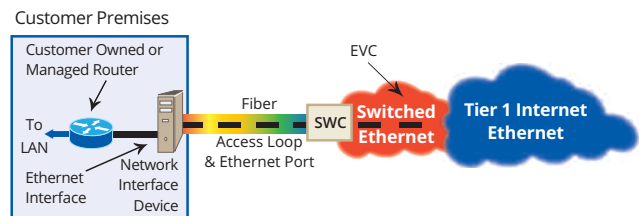
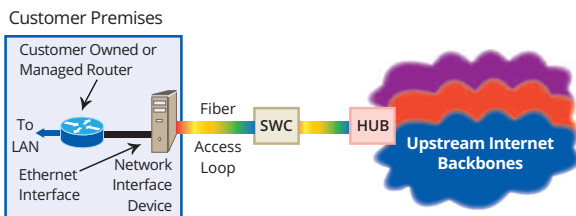
Ethernet Virtual Private Line (EVPL): Provides a dedicated fiber loop with Ethernet framing from the customer's premises to the serving wire center and switched Ethernet service from the Serving Wire Center (SWC) to the internet port.

Benefits:

- EPL provides real-time class of service
- Greater availability than lit buildings
- LATA wide – flat price
- Alternate upstream internet backbones

Benefits:

- EVPL provides priority data class of service
- Greater availability than lit buildings
- LATA wide – different price tiers
- Easy upgrades with Fiber loop larger than service port



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