

# Ethernet

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## Benefits of IT Services & Security

Syringa Networks Regional Ethernet is a Layer-3 data transport service that offers enterprise and carrier customers the ability to interconnect standard 10 to 100 Gbs Local Area Network (LAN) interfaces throughout the region. The Syringa Networks Regional Ethernet network consists of intelligent Ethernet core and edge switches as well as emerging Ethernet transport technologies, such as next generation WDM or DWDM, where available to connect two or more customer-designed locations.

### Dedicated Services (E-Line)

**Waves** - Available at speeds of 1 Gb and 100 Gbs, our DWDM wavelength service offers massive bandwidth scalability and security.

**Ethernet Private Line (EPL)** - A fully transparent, fully scalable solution available in a range of speeds with protection.

### Switched Services (E-LAN)

**Ethernet Virtual Private Line (EVPL)** - Take advantage of our MPLS network which provides point-to-multipoint connectivity and CoS queues.

**Virtual Private Line Service (VPLS)** - Our fully meshed, any-to-any connectivity solution provides the most flexibility and range of speeds available and leverages our MPLS network.

### Layer-3 Service

**IP-VPN** - The same flexibility as our VPLS service with the added ability to incorporate both Ethernet and TDM interfaces.

**Business Internet** - Internet access over the only network in Idaho with dual Tier1 IP providers riding over our 4 Terabit backbone.

### Ethernet Architecture

#### MPLS Layer-2 / Layer-3 Network Regional core ring

- DWDM based GbE backbone
- GbE switches connect segments

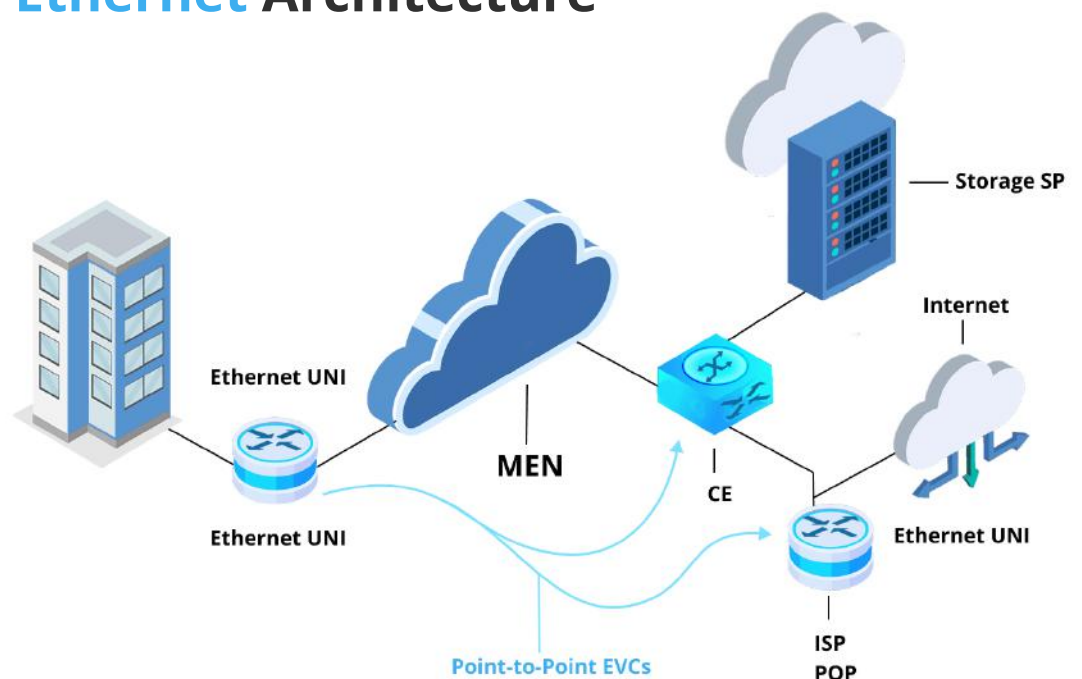
#### Service Gateways at Regional Locations

**Idaho:** Boise, Idaho Falls, Pocatello, Coeur d' Alene and more

**Utah:** Salt Lake City, West Valley City, Logan and more

**Inter Carrier NNI:** Boise, Idaho Falls, Twin Falls, Salt Lake City

## Ethernet Architecture



### Syringa Networks Earns MEF Carrier Ethernet 2.0 Certification

Syringa Networks achieved the Metro Ethernet Forum (MEF) rigorous Carrier Ethernet 2.0 (CE 2.0) certification for both E-Line and E-Access services.

