

# Lightpath



## V-LINE

### Maximize and Improve Interface Efficiency

With V-Line, your business gets Layer 2 point-to-point connectivity between your locations while receiving the flexibility to support multiple applications via a single multiplexed port.

#### Reduce costs and increase data capabilities

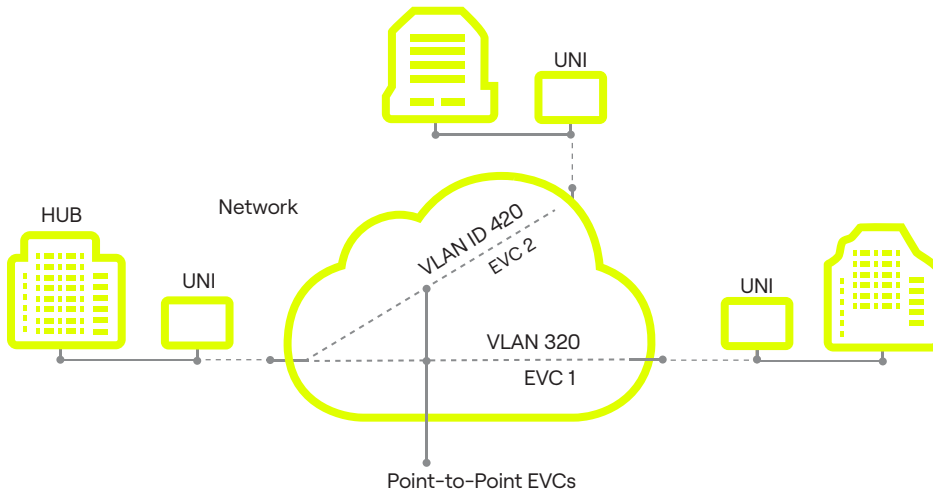
V-Line reduces your costs by lowering overhead associated with managing multiple ports on your network. Also, V-Line allows you to support multiple applications over a single interface and extends the shelf life of your investment by leveraging your existing equipment ports.

#### Solutions-based benefits:

- Simplified, single connection to your premise equipment
- Security of Ethernet Virtual Connections (EVC)
- Sub-50 millisecond resiliency
- Optical handoff available for all speeds (optional)
- Contracted bandwidth up to 100 Gbps
- Secure Layer 2 service scales effortlessly from 20 Mbps to 100 Gbps

#### Experience the ease of Metro Ethernet and our 100% fiber-optic network

- ★ **Unsurpassed reliability** – Our high-performance fiber-to-the-premises network architecture protects your critical data and provides superior availability and resiliency.
- ✘ **Easy scalability** – We ensure enough capacity at the point of installation to meet your current and future data needs. As your business grows a simple software change is all it takes to upgrade with little or no downtime.
- 🔒 **Valuable security** – We protect and segment all customer traffic on our network.
- 👉 **True simplicity** – Our seamless installation, and award-winning Customer Care make it easier to manage your network.



### Technical Features: User Network Interface (UNI)

Physical Interface:	RJ45, SFP - SX-MM, LX-SM (802.3 IEEE)
Mode:	Full Duplex
Max EVCs per:	4,094

### Ethernet Virtual Connections (EVC)

Customer Edge VLAN (CE-VLAN):	Customer VLAN Tag Maps to Carrier Tag
Unconditional Frame Delivery:	Unicast, Multicast, Broadcast

### Supported protocols

Protocols Supported:	Ethernet IEEE 802.1p/q/Q, MPLS, IP and TCP/IP
Certifications, Standards:	MEF 9, MEF 14, ITU

### Why Lightpath

Lightpath is revolutionizing how customers connect to their digital destinations by combining our next-generation network with our next-generation customer service. Lightpath’s advanced fiber-optic network offers a comprehensive portfolio of custom-engineered connectivity solutions with unparalleled performance, reliability, and security.

Our consultative customer service means we work with you to design, deliver, and support the solution for your unique needs, faster and more easily than ever before. For over 30 years, thousands of enterprises, governments, and educators have trusted Lightpath to power their organization’s innovation. Learn how Lightpath can connect you to your digital destinations.

**To learn more about Lightpath, visit [lightpathfiber.com](http://lightpathfiber.com)**