

VPLS (VIRTUAL PRIVATE LAN SOLUTIONS)

FULLY-MESHED LAYER 2 ETHERNET NETWORK

Advanced Network Control

The cloud is transforming the enterprise and increasing demands for connectivity, speed and bandwidth. The performance and capabilities of your network are challenged by new requirements for delivering more services to multiple locations. Now, more than ever you need a secure, reliable network you can control. Electric Lightwave's VPLS provides a comprehensive, full-mesh Layer 2 network to connect all your locations through a single connection while you maintain control of your routing and equipment.

Seamless Connectivity

Connect a single or multiple locations seamlessly while converging voice, video and data – all on one Ethernet connection. With VPLS all locations across your wide area network appear as one local area network and you can easily add new locations or services without impacting traffic to existing locations.

Build your private network with flexible bandwidth options from 1.5 Mbps to 1 Gbps and multiple Ethernet access methods. Our Quality of Service (QoS) technology allows you to prioritize traffic for your critical services and applications so that you can effectively optimize and manage your bandwidth to meet your specific needs

Resilient Infrastructure

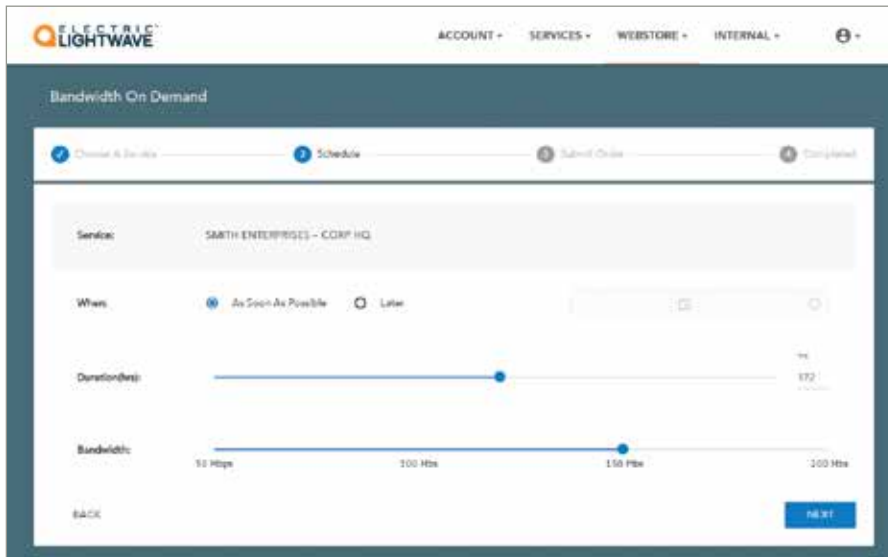
Leverage the strength of our reliable, secure network, engineered with redundant routers (dual core and dual aggregation) for maximum uptime and standardized service delivery for a consistent end-to-end experience.

BUSINESS BENEFITS

- + **Resilient Architecture** – Leverage our reliable, secure network engineered with redundant routers (dual core and dual aggregation) for maximum uptime and standardized service delivery. Network performance is backed by Service Level Agreements (SLAs).
- + **Network Control** – Maintain privacy and control of Layer 3 routing of your network with this efficient Layer 2 solution.
- + **Quality of Service** – Prioritize bandwidth for critical business applications across four queues and 15 profile options.
- + **Effortless Expansion** – Add new locations to your network easily without impacting existing locations and traffic.
- + **Cost effective** – Use a single Ethernet connection to deliver multiple services and applications to a location.

Add Flexibility with Bandwidth on Demand

Meet fluctuating demand in your network traffic by adding our Bandwidth on Demand option. You can easily increase up to 4x of your base service bandwidth immediately or as a future scheduled event, for a set period of time through our portal.



CONTACT US ▶ 888.889.8088

Enhance Your Network

VPLS provides the reliable network platform you need to build your own private or hybrid cloud or access the public cloud. Electric Lightwave also offers additional services you can easily add to complement your VPLS network.

- **Cloud Connect Service** – Provide secure, direct connections to Amazon Web Services (AWS) and Microsoft ExpressRoute leveraging Electric Lightwave’s reliable network.
- **UC Cloud Voice** – Replace the complication of managing communications on site with Electric Lightwave’s hosted PBX and collaboration solution featuring advanced unified communication capabilities, including chat, desktop sharing, and conferencing.
- **Network Security Suite** – accelerate your business while protecting your network and your critical company assets when you combine Electric Lightwave’s Dedicated Internet Access with our best-in-class security solutions, Cloud Firewall Service, DDoS Mitigation Service and proactive monitoring from our expert Security Operations Center team.

Our Network Security Suite is designed to integrate effortlessly with your VPLS network and Dedicated Internet Access, providing Internet speeds up to 1 Gbps backed with Service Level Agreements (SLAs) guaranteeing uptime, latency and packet delivery.

ABOUT ELECTRIC LIGHTWAVE™

Electric Lightwave™ serves as a trusted network infrastructure partner to enterprises of all sizes, government agencies and carriers throughout the western United States. The company combines dense metro and intercity fiber assets, enterprise-grade network solutions, including Ethernet, Wavelengths and IP, with a highly responsive and easy to do business with approach. Electric Lightwave offers a premium service experience to match its premium network infrastructure solutions.

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