



## ETHERNET SERVICES: E-LAN

### SIMPLIFY & EXTEND YOUR LAYER 2 NETWORK

#### Make the Right Connections

Simple, easy to manage, secure and reliable networks are essential to your business. But the nature of today's more global, more mobile economy means that your network must meet increasing demands for flexibility and security, while hosting bandwidth-heavy applications and data, both in your private network and in the cloud.

Now you can seamlessly and securely connect employees in multiple locations and streamline network operations using Electric Lightwave's MEF 9 and 14 certified E-LAN, an advanced Ethernet service built on Metro Ethernet Forum (MEF) industry qualifications for Carrier Ethernet.

#### Extend Your Network

With E-LAN, a Layer 2 Carrier Ethernet service, you can extend your existing Local Area Network (LAN), making business applications and resources accessible to all employees—as if they were locally connected. Since Electric Lightwave's Ethernet network is private, your data is secure between all of your offices.

By choosing our E-LAN service, you get strictly standardized, high performance service metrics at a full range of bandwidth rates between 1.5 Mbps and 10 Gbps.

#### BUSINESS BENEFITS

- + **Connectivity** allows your employees in all locations to access the same network resources.
- + **Control** network traffic by managing your own routing information and Virtual Local Area Network (VLAN) tags to segment traffic.
- + **High scalability** lets you easily boost bandwidth and quickly connect new locations without impacting other sites.

## Easy Management and Enhanced Efficiency

What if you could gain valuable business efficiency by maintaining a single network, controlling traffic, supporting critical applications and monitoring your network's health and performance around the clock? With Electric Lightwave's E-LAN you can.

E-LAN is a multipoint-to-multipoint transport service within a Metro Ethernet Network (MEN), or across multiple MENs, and serves as an extension of your existing Layer 2 network. By maintaining a single network and control of your own traffic, your business benefits from greater efficiency, performance and productivity.

- **Easily maintain and manage** your network with our transparent, multipoint-to-multipoint Layer 2 service.
- **Support critical business applications**, such as voice and video, with four scalable Class of Service (CoS) queues to seamlessly prioritize traffic and accommodate full service bandwidth.
- **Ensure** that your service meets the highest Carrier Ethernet standards in the industry with Electric Lightwave's MEF certified E-LAN service.
- **Monitor** the health and performance of your network with our powerful network visibility and performance monitoring tools.



**CONTACT US** ▶ 888.889.8088

## Why Choose Carrier Ethernet from Electric Lightwave?

- **The highest industry standards** with MEF certified E-LAN service enables seamless connections between networks with ubiquitous, standardized carrier-class service.
- **High reliability** improves service quality for better network performance and meets your most demanding availability requirements through an all-Ethernet network.
- **Quality of Service (QoS)** multiplies network efficiency and quality by prioritizing traffic.
- **Powerful management tools** help maintain your networks' health through monitoring, diagnostics and centralized network control.

### 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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