



**MASSIVE
NETWORKS**
Enterprise-Class Data Transport Solutions

Massive Networks' Ethernet Services are designed for flexibility, enabling customers to develop network solutions suited to their unique needs. Whether you require public, private, switched Ethernet, point-to-point, or multi-point-to-multi-point Ethernet access, your business will find us in the right locations.

About Massive Networks

Based in Denver, CO, Massive Networks is a Data management service provider (DMSP) specializing in providing managed security, monitoring, and hosted IT applications nationwide via the Massive Cloud Exchange. Our clients benefit from reliable telecom services like MPLS, Ethernet, SIP and hosted voice, Internet and private line.

Headquarters
382 S. Arthur #120
Louisville, CO 80027
P: 303.800.1300
massivenetworks.com

DATA SHEET:

ETHERNET MATRIX

FIND THE ETHERNET SERVICES YOU NEED.

Massive Networks™ has leveraged Ethernet across many types of services, ranging from high-speed optical dedicated services to low-speed shared IP services. By providing a broad range of capabilities, we can provide you with a network solution suited to your needs across North America, Europe, Latin America, Asia, Africa and Middle East. With the right network, you can focus on managing your applications instead of managing the network.

IP NETWORK

Massive Networks Internet Services:

Our service offers reliable, dedicated connections in a variety of speeds to the world's largest and most connected Internet backbones delivering the bandwidth-intensive content demanded by users from video, gaming, e-commerce, music, and voice applications.

MPLS Network

Massive Networks MPLS/IP VPN:

Our service provides the same flexibility as the VPLS service at the IP layer, with both Ethernet and TDM interfaces and support for the creation of the large IP VPNs.

Massive Networks VPLS:

MPLS-based, fully meshed, any-to-any connectivity with flat rate or usage based billing, and static or dynamic CoS. The Virtual Private LAN service provides flexibility to support some of the most demanding applications.

Massive Networks EVPL:

Similar to Ethernet Private Line services but delivered from major MPLS networks, our Ethernet Virtual Private Line offering support options like point-to-multi-point, flat rate, or usage-based billing Class of Services (CoS) enforcement.

Transport Network

Massive Networks Intercity and Metro Ethernet Private Line: Provide end-to-end, protected, fully transparent, dedicated bandwidth with full-rate or fractional-rate Ethernet speeds to support the most vital communication applications.

Massive Networks Intercity and Metro Wavelengths: Available at either 1 GigE, 10 GigE or 100 GigE rates, an excellent solution for network backbones for content and service providers as well as enterprises.

Connect to the Cloud Effortlessly & Securely

Massive Networks MPLS and Private Network Transport Ethernet Services are at the foundation of the Massive Networks Cloud Connect Solutions allowing you to create a secure, reliable path to realize the efficiency, scalability, and flexibility of the cloud without compromising productivity or revenue.

Massive Networks provides a private network ecosystem that connects your enterprise with leading cloud and data center providers around the world.

The diagram below lists Massive Networks services that are accessible via Ethernet interfaces. Each column details a different service characteristic, for an at-a-glance look at the major differences between the offerings.

	Speed & Granularity	Topology	Routing	Transparency	Protection	Latency	CoS	Network	Billing	Technology	Available with Cloud Connect Solutions
Metro & Intercity	WAVES Massive Networks Wavelength Service	GigE, 10GigE and 100GigE 	Customer Controlled	Full Layer 1 Transparency	Optional	Low Latency options Latency guarantees available	Customer Controlled	Dedicated	Flat	Ethernet over DWDM	AWS Direct Connect
	EPL Massive Networks Ethernet Private Line Service	M: 3 Mbps-1GigE M: 15 speeds IC: 10Mbps-1GigE IC: 13 speeds 	Customer Controlled	Full Layer 2 Transparency	SONET Protection <50ms	Low Latency options Latency guarantees available	Customer Controlled	Dedicated	Flat	Ethernet over SONET	AWS Direct Connect
	EVPL Massive Networks Ethernet Virtual Private Line Service	M: 3 Mbps-1GigE M: 15 speeds IC: 10Mbps-1GigE IC: 13 speeds 	MPLS Tags	Layer 2 Service	Backup LSPs	Latency guarantees available	Up to Six Classes of Service	Shared	Flat or Commit Plus Usage or Usage Only	Ethernet over MPLS	AWS Direct Connect Azure Express-Route
	VPLS Massive Networks Virtual Private LAN Service	37 speeds 1Mbps-10Gbps port where available; up to 3Gbps CDR on 10Gbps port 	MPLS Tags	Layer 2 Service	Backup LSPs	Latency guarantees available	Up to Six Classes of Service	Shared	Flat or Commit Plus Usage or Usage Only	Ethernet over MPLS	AWS Direct Connect Azure Express-Route
	Massive Networks MPLS/ IP VPN MPLS IP/VPN	37 speeds 1Mbps-10Gbps port where available; up to 3Gbps CDR on 10Gbps port 	IP Addressing	Layer 3 Service	Backup LSPs	Latency guarantees available	Up to Six Classes of Service	Shared	Flat/Commit Rate, Commit Plus Usage, Usage Only	IP over MPLS-TDM or Ethernet Handoff	AWS Direct Connect Azure Express-Route
	Massive Networks Internet Services	14 speeds FastE-10GigE 	IP Addressing	Layer 3 Service	IP Reroute	Latency guarantees available	Best Effort	Public Internet	Flat or Usage	Switched Ethernet, Ethernet over DWDM or Ethernet over SONET	

M = Metro Ic = Intercity E-Line = point-to-point E-LAN = multipoint-to-multipoint LSP = Label-switched path