

Ethernet WAN

Segra Ethernet WAN provides the configuration flexibility to join sites, the bandwidth scalability to feed applications, the access to reach the Internet and private VPNs at business speeds, and the service resiliency to keep your network running. Segra Ethernet WAN is ideal for enterprises that need to connect sites with a versatile, scalable, carrier-class network fabric. Our premium fiber network reaches major markets throughout the Mid-Atlantic and Southeast, as well as outlying areas in the region not typically served by other providers.

SWITCHED

Ethernet WAN switched is a Layer 2 service so it is transparent to your existing network, which simplifies administration and preserves control. In addition, your staff can make IP routing changes to your network without coordinating with Segra. Essentially, Segra Ethernet WAN connects your sites without any impact to your existing IP routing; your locations operate as if they were simply connected by an Ethernet cable.

ROUTED

Ethernet WAN routed is a Layer 3 service, it uses routing to send data between your organization's sites. The information is routed from your organization's LAN from one location to another, via the Segra WAN. Segra is responsible for the IP routing necessary to move the data across the WAN, freeing your IT team from this work.

FLEXIBLE AND SCALABLE

Ethernet WAN service supports multiple topologies and a range of speeds to connect sites in the manner that best suits your application needs.

COST-EFFICIENCY

With Ethernet WAN, you pay only for the bandwidth you need, and you can increase bandwidth without expensive equipment upgrades.

RESILIENCY

Ethernet WAN includes resiliency mechanisms to ensure traffic delivery, as well as end-to-end Quality of Service (QoS) options for traffic prioritization across the Segra WAN.

	Switched	Routed
TOPOLOGIES	MEF Certified Designs	Fully Meshed
QoS	Multiple end-to-end options	Multiple end-to-end options
ACCESS	Type 1 (on-net) and type 2 (off-net)	Type 1 (on-net) and type 2 (off-net)
PORTS	1 Gbps, 10 Gbps	1 Gbps, 10 Gbps
SPEEDS	20 Mbps to 10 Gbps	20 Mbps to 10 Gbps
SLAs	Carrier-class for service availability	Carrier-class for service availability