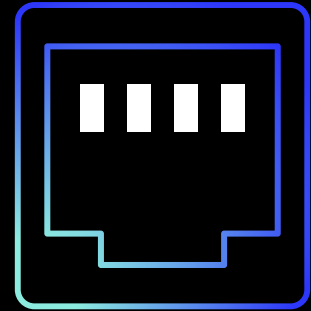


# Ethernet



## High-speed connectivity for business-critical data

We have moved Carrier Ethernet forward to a new era of business-defined networking. Our service suite adds value to support a timeless and highly resilient technology with our flexible deployment options.

### From LAN to WAN

Ethernet has continuously reinvented itself as the technology of choice for networks around the world. The high speed and simplicity that Ethernet brings to Local Area Networks (LANs) have evolved together with advanced capabilities to support Wide Area Networks (WANs) as well. We make it easy for you to configure and shape your network with the topology of your choice, using our EVPL and ELAN services.

### High-speed connectivity

You can depend on high-speed connectivity to securely carry your business-critical data across our best in class network, ensuring both low latency and reliable frame delivery. We can guarantee speeds of up to 40 Gbps, based on your specific network needs.

### Well-defined service attributes

Our Ethernet services are based on the MEF 3.0 Carrier Ethernet framework and underpinned by our extensive backbone and operational expertise. We maintain a secure service offering with compelling service attributes:

- High-speed private connectivity with low latency
- Design flexibility for different topologies
- Security and reliability—ensuring high availability
- Efficient management of traffic growth
- Universal technology, easy to adopt and implement
- Comprehensive SLAs
- Compatible with other services (Smart IP-VPN, Cloud Connect, etc.)

### Benefits in brief

#### High-speed

Dedicated bandwidth from 10 Mbps to 40 Gbps over our high-capacity backbone

#### Flexible

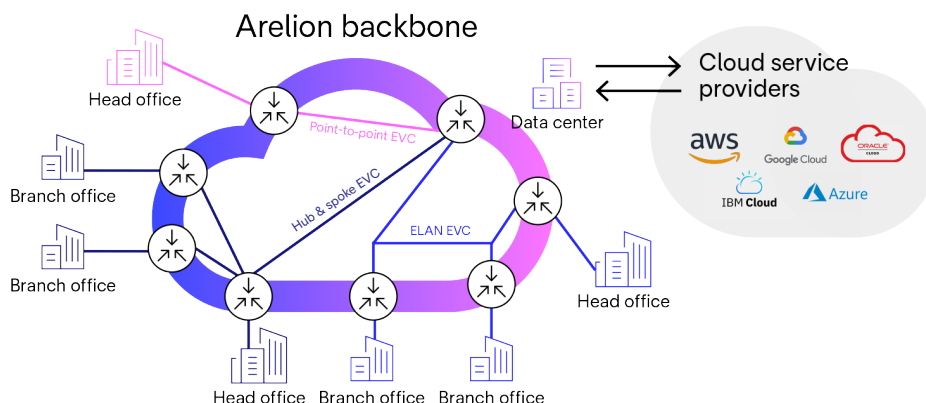
Configure and shape your network. Choose point-to-point, hub-and-spoke or any-to-any topologies

#### Scalability

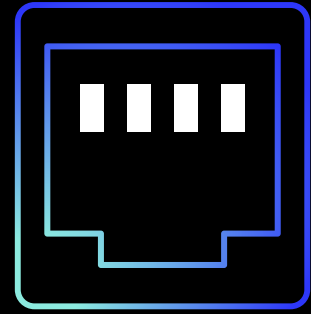
Services are delivered on Arelion's MEF 3.0-certified Ethernet service platform to ensure industry-grade service standards

#### Affordable

Arelion serves customers in 125 countries and with more than 180 third party ENNI agreements—we are well positioned to offer a competitive pricing almost anywhere



# Ethernet



## Technical highlights

Carrier-grade Ethernet is based on the well-defined Metro Ethernet Forum (MEF) reference architecture enabling highly scalable granularity from 10 Mbps to 40 Gbps. Arelion provides customers with an SLA committing to high QoS and support for operations, administration, and maintenance (OAM).

We have also opted to deploy Layer 2 Ethernet services through Ethernet Virtual Private Network (EVPN) as the overlay control plane, guaranteeing top-notch service performance.

Network security requires full visibility of traffic routing. We provide monitoring tools to check traffic performance.

- Global Managed Network Interface Device (NID) support for end-to-end control (optional)
- We publish our network performance parameters in the MyArelion portal, so you can always check the status and health of our network in real-time

Type	EVPL	ELAN
Topology	Point-to-point/Hub & spoke	Any-to-any
Technology	Ethernet over MPLS	Ethernet over MPLS
Bandwidth*	10 Mbps – 40 Gbps	10 Mbps – 10 Gbps
Protection	Mesh	Mesh
Coverage	Global with managed NIDs in > 125 countries	
Add-ons	Multiple Services on One Port (MSOP)	
MEF-defined services	E-LINE - EVPL E-LINE - EPL	E-LAN - EP-LAN E-LAN - EVP-LAN

\*Regional bandwidth restrictions may apply

## Use cases

### Networking around business models

Ethernet is a ubiquitous and versatile technology that scales efficiently and flexibly to meet specific business needs

### Future-proof technology backbone

Ethernet has become the indispensable backbone technology for organizations across multiple industries. It is simple to operate, administer and maintain

### Supporting business expansion

Ethernet offers unrivalled flexibility and can be upgraded to meet evolving customer needs —connecting new branch offices, data centers, and cloud service providers quickly and easily

