

Ethernet by Arelion – One page solution brief

Why Arelion?

We own the world's #1 IP backbone - with more than 75,000 km of fibre assets, +350 PoPs and serving customers in more than 125+ countries

Award-winning service delivery - Our service center is staffed only by engineers. 80% of trouble tickets are resolved by frontline staff without further escalation

Consistency - Customers experience our “right 1st time” mindset for every order

Quality - We've been repeatedly recognized at the World Communications Awards for our Customer Experience. Customer loyalty is driven by our superior QoS and QoE

Scale - Our vast network across the US and Europe is rapidly growing to reach more clouds, data centers and partners

Target customers

- Customers with business-critical connectivity requirements DC-to-DC, global corporates etc.
- Corporate companies connecting their offices and hubs, focusing on low latency and high resiliency
- Customers that require high-speed private connectivity with low latency (finance, government)

Top target: Wholesalers and Enterprises that use private connectivity with scalable high capacity meeting their growth plans



Key benefits

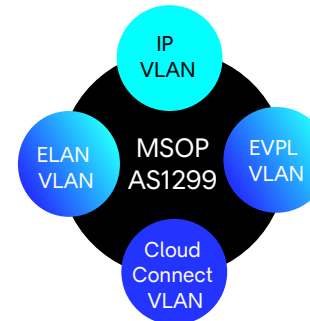
- High-speed private connectivity with low latency all the way up to 40Gbps (possible up to 100Gbps with technical validation)
- Always on with resilient paths over the Arelion's network
- Efficient management of traffic growth, future proof
- Design flexibility for different topologies (point-to-point, hub-and spoke, any-to-any), MEF 3.0 certified
- Universal technology, easy to adopt and implement
- Peace of mind with comprehensive SLAs
- Fast delivery on-net – in 3 weeks or under
- Support for jumbo frames to 9100 and VLAN transparency

Why Ethernet by Arelion?

- Geographically large footprint
- 40Gbps bandwidth - logically separated to IP
- Global reach – PoPs and supplier NNI arrangements
- Latency/packet loss SLA
- Managed NID option for E2E SLA
- Capacity/contention mgmt. – get what you buy – with Ethernet traffic prioritised over Arelion's MPLS backbone

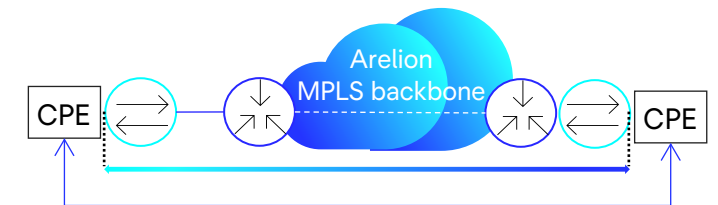
Value for money

- Competitive pricing on the best backbone network
- Multiple Services on One Port – compelling proposition combining multiple services incl. Ethernet, Cloud and IP



Product propositions

- Ethernet over MPLS provides a high level of reliability, affordability and simplicity
- Private Ethernet Layer 2 connectivity over our MPLS core network, benefiting from the MPLS network's reliability and in-build resilience
- Multiple topologies such as point-to-point or point-to-multipoint (Arelion EVPL product) and any-to-any (Arelion ELAN product), support for jumbo frames
- Basic services (no CPE/NID) or Advanced services, which include a Network Interface Device (NID) for end-to-end 99.5% SLA covering both the device and any 3rd party tail
- 10Mbps to 40Gbps standard bandwidths supported, protected on-net (up to 100Gbps with tech. validation)
- 3 x Ethernet CoS – MEF aligned
- 99.999% MPLS backbone, 99.99% PoP to PoP, 99.5% end-to-end (incl. local tail and NID)



Main differences between Waves and Ethernet

- Waves are Layer 1 services, which run over a specific unprotected optical cable infrastructure – fully transparent, very high bandwidth 100Gbps/400Gbps
- Ethernet runs over protected MPLS backbone – dynamically routed, highly available – lower bandwidths, but still up to 40Gbps (possible up to 100Gbps with technical validation)