

ETHERNET BY TELIA CARRIER – ONE PAGE SOLUTION BRIEF

WHY TELIA CARRIER

We own the world's #1 IP backbone - with more than 70,000 km of fibre assets, +320 PoPs and serving customers in more than 125 countries.

Award-winning Service Delivery - Our service center is staffed only by engineers. 77% 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 Americas 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: Wholesale and Enterprises that use private connectivity with scalable high capacity meeting their growth plans.

KEY BENEFITS

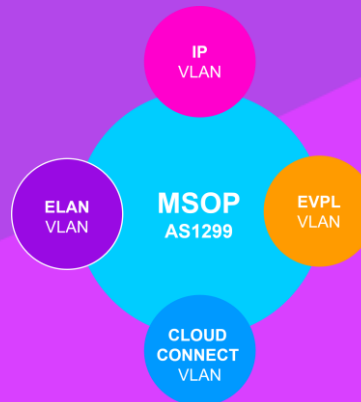
- High-speed private connectivity with low latency all the way up to 10Gbps
- Always on with resilient paths over the TC network
- Efficient management of traffic growth, future proof
- Design flexibility for different topologies (P2P, hub-and-spoke, any-to-any), MEF certified
- Universal technology, 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 TELIA CARRIER?

- Geographically large footprint
- 10Gbps everywhere - logically separate to IP traffic
- 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 TC MPLS backbone

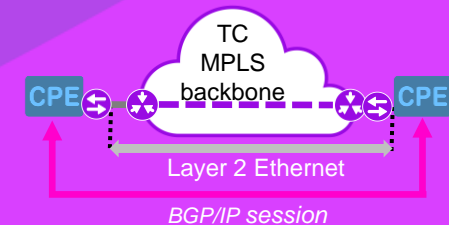
Value for money

- Competitive pricing on the best backbone network
- MSOP – 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-built resilience
- Multiple topologies such as point-to-point or point-to-multipoint (TC EVPL product) and any-to-any (TC 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 10Gbps bandwidths supported, protected on-net
- 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 – very high bandwidth 100G/400G use-cases
- Ethernet runs over protected MPLS backbone – high availability – lower bandwidths (up to 10G)