Layer 2
Customer-controlled
Global VPN Services

Tata Communications’ Layer 2 VPN service is delivered on our multipath, private MPLS network for exceptional security and redundancy. Your customized VPN solution delivers security, reliability, low costs, and end-to-end Quality of Service (QoS).

Our private MPLS network encompasses major business hubs across Asia, Europe, the Americas, and over 116 Indian cities.

Customized Customer Mapping

- Layer 2 MPLS-VPN over secure private network
- Multiple CoS to provide differentiated QoS for voice, video and data applications
- Global reach to grow your business efficiencies
- Any Transport over MPLS (AToM)
  - Ethernet
    - Ethernet Relay Service (ERS): A VLAN-based service that can be used to create a hub-and-spoke architecture in Layer 2 using multiple CoS on each VLAN
    - Ethernet Wire Service (EWS): A port-based service, best suited for single-CoS, high bandwidth, point-to-point requirements
  - ATM
  - AAL5
  - Cell Relay (AALO)
  - FR, PPP and HDLC
- Legacy cost savings (L2 interfaces and encapsulation supported)
- VPN access options: Nx64kbps, E1, E3/DS3,STM-1, Fast Ethernet, and Gig Ethernet

Carrier-class, legacy-free multipath private MPLS network

- PE-CE encapsulation options:
  - Frame Relay, ATM, PPP, HDLC, and Ethernet
- Secure customer network without Tata Communications’ participation in customer routing
- Customized commercial terms and pricing
- Multiple jurisdiction contracting
- Guaranteed service with strong service level guarantees
- Centrally managed, proactive 24x7x365 networking monitoring by trained staff
- Monthly SLA reports
Key Features

- Multi-interface support
- Robust and secure infrastructure
- Converged, service-ready infrastructure
- Carrier-class, legacy-free MPLS network
- MPLS-TE (Traffic Engineering)
- Seamless global reach in 12 countries across four continents, including pan-India coverage
- Unified global MPLS core
- Drive to outsource WAN ownership
- High downtime due to lack of protection options
- Expensive WAN maintenance costs
- Legacy cost structures
- Real-time monitoring and reporting
- Billing flexibility

For more information on Layer 2, please visit:
www.tatacommunications.com/contact