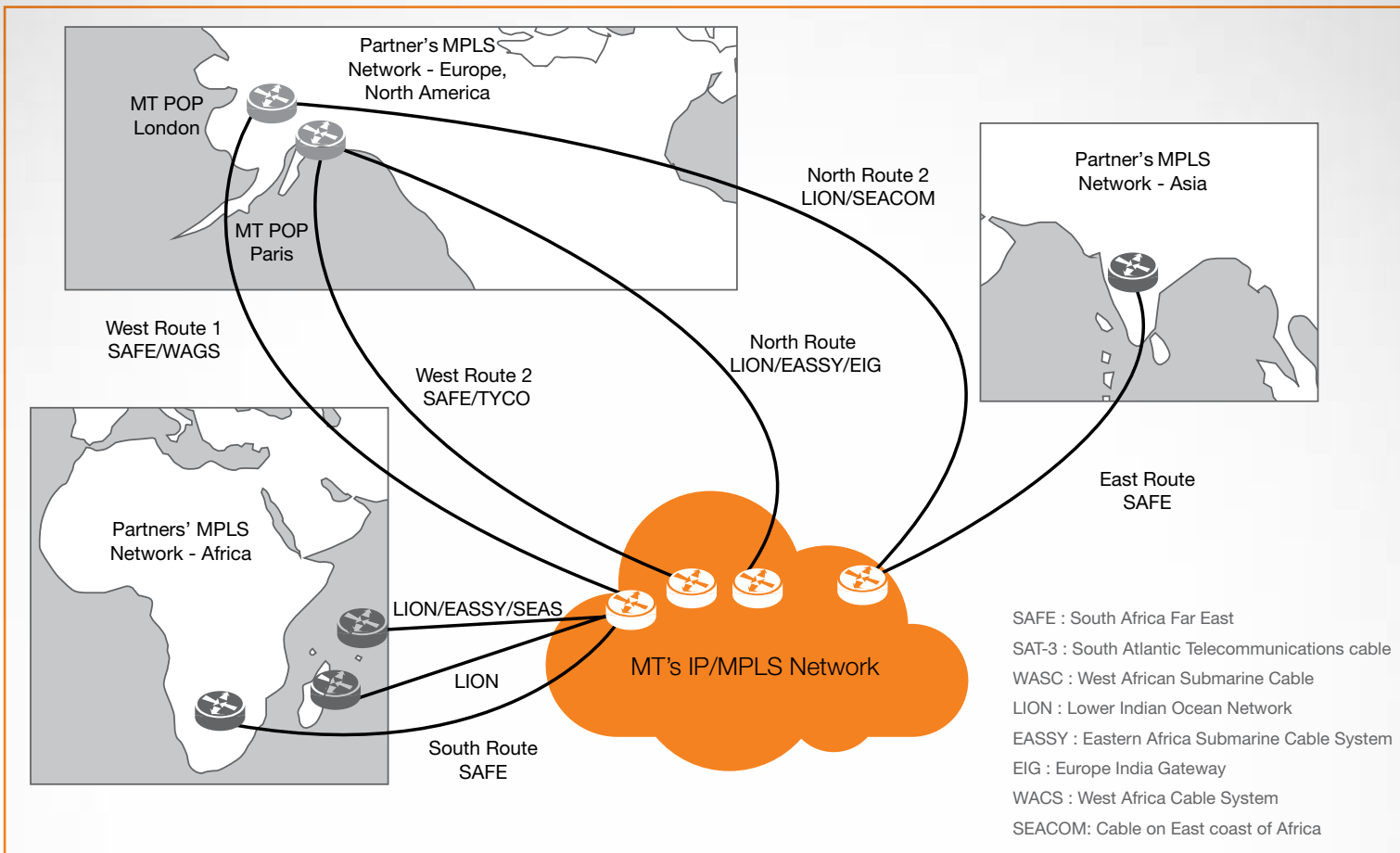# Global WAN Solutions

Managed Global MPLS VPN Service

Managed Global MPLS VPN Service

Mauritius Telecom's Managed Global MPLS VPN Service is an international virtual private network solution based on IP/MPLS (Multi-Protocol Label Switching) technology. This solution is designed to help global businesses enjoy the benefits of converged voice, video anddata on a single network.

Our Global MPLS VPN service is built on resilient network architecture with Network to Network Interface (NNI) Interconnection with global MPLS Partners at MT's Points of Presence (PoP) in Telehouse 1, Paris and Telehouse West, London. MT has also implemented an MPLS network with Partners in Asia, Africa and the Indian Ocean Islands of Seychelles and Madagascar.

Partner's MPLS Network - Europe, North America

MT POP London

MT POP Paris

Partner's MPLS Network - Asia

North Route 2 LION/SEACOM

West Route 1 SAFE/WAGS

West Route 2 SAFE/TYCO

North Route LION/EASSY/EIG

East Route SAFE

Partners' MPLS Network - Africa

LION/EASSY/SEAS

LION

MT's IP/MPLS Network

South Route SAFE

SAFE : South Africa Far East
SAT-3 : South Atlantic Telecommunications cable
WASC : West African Submarine Cable
LION : Lower Indian Ocean Network
EASSY : Eastern Africa Submarine Cable System
EIG : Europe India Gateway
WACS : West Africa Cable System
SEACOM: Cable on East coast of Africa

Key Features and Benefits

- A one stop shop solution with Single point of contact for ordering, billing and fault management
- Highest network reliability with auto-protected submarine cable paths
- Layer 2 and Layer 3 MPLS VPN service
- Point to point and point to multipoint connectivity
- 3 Classes of Service (CoS) for Layer 3 MPLS service
  - Premium (Real time applications such as voice and video)
  - Enhanced (Low latency applications such as CRM, ERP…)
  - Basic (Non-critical applications such as FTP, Internal messaging…)
- Stringent Service Level Agreement: 24/7 Hotline and On-call Support through MT Service Management Centre manned with highly qualified Network specialists
- Ease of implementation: Delivery on Ethernet Interface using copper or Fibre Optic access
- Scalability and flexibility: Wide range of bandwidth available to suit all businesses needs with ease of upgrade and downgrade

Benefits of Managed Services

- End to end service management
- Traffic Monitoring: View your traffic usage, service performance and line status online through secured web access
- Managed Services with Advanced SLA Options for faster site repairs
  - 24/7 GTRS 1: within 8 hours (Default)
  - 24/7 GTRS 2: within 6 hours
  - 24/7 GTRS 3: within 4 hours
- Advanced SLA Options for Enhanced Site Access (ESA):
  - IP VPN Backup using IP sec tunnel
- Advanced SLA Options for Enhanced Path Access (EPA):
  - Dual Router, Dual Loop, Dual Homing
- SLA commitment

	End-to-end	Network
Availability	Up to 99.7%	Up to 99.95%
Packet Delivery	Up to 99.5%	Up to 99.5%
Round Trip Delay	Determined at time of commissioning	Europe: 190-245 ms India: 100 ms S.Africa: 65 ms
Jitter (On-Net)	<= 15ms	<= 5ms

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