Airtel Business Reinvents
MPLS Connectivity for
South Africa Based Carrier

Connects South Africa with East Africa and enables much-needed revolutionary value proposition for carriers

Airtel has enabled an end-to-end robust MPLS solution connecting South Africa and East Africa for its South Africa based carrier – providing a much more cost-effective, resilient and flexible connectivity to countries like - Zambia, Malawi, Tanzania, Kenya, Madagascar and Seychelles.

The Challenge of Connectivity
In order to reach Madagascar and South Africa, Carriers had to provide connectivity to their enterprise customers via a longer route due to limited connectivity options.

The requirement from the carrier was an MPLS link from Johannesburg to Madagascar. Airtel did not have a direct connectivity between South Africa to Tanzania/ Madagascar and as a result, traffic was routed via London which was causing very high RTD or Round Trip Delay time.

In order to address this connectivity challenge, Airtel has enabled a unique solution for a link going via the Malawi, Tanzania, Madagascar route. To enable the same, Airtel has setup one long line NNI between Malawi to Johannesburg which has enabled direct connectivity to East Africa with South Africa.

iMPLS Solution
Airtel’s iMPLS solution is now bypassing the longer route and enabling greater level of cost-effective efficiencies for the carriers – helping them do more with less.

Results – Reliable, Scalable MPLS Solution
Overcoming geographical connectivity challenges, Airtel is providing next-generation MPLS Services to its carrier customer with great reliability and scalability.

Airtel has set up a terrestrial NNI (Network to Network Interface) from South Africa to Malawi which enables Airtel to drive MPLS from South Africa to East Africa.

Key Advantages Delivered by Airtel MPLS
1) From South Africa to Eastern Africa there are different countries having different networks – Airtel MPLS seamlessly connects network services from different carriers.
2) This MPLS service by Airtel is providing an end-to-end one stop MPLS solution for carriers.
3) This MPLS connectivity is directly connecting to South Africa terrestrially without going via Sea Route.
4) Airtel MPLS service is also enabling its carrier customers to deliver flexibility of services to cater from small capacities to large capacities.
5) This is also considerably reducing network latency.
6) Cost effective solution that allows customers to do more with less.

Airtel’s MPLS Solutions – Reinventing Connectivity!
On a global level, this solution has also enabled Airtel to have alternate connectivity from Kenya to reach India instead of going to London. Most importantly, this is one of the key implementations, which is leveraging Airtel’s newly launched South Africa MPLS POP.

Airtel’s global MPLS network is powered by 47 international MPLS POPs including its recent POP in South Africa.
Africa. This network of POPs considerably adds to the resiliency and reliability of Airtel MPLS connectivity and as a result, carriers are able to deliver next generation – application experiences to their end customers.

Airtel’s robust MPLS solution is ideally poised to inject next generation network efficiency for carriers and deliver scalable and reliable MPLS solutions.

Airtel’s global MPLS backbone is capable of carrying any type of data (i.e. voice, video, CRM, ERP, FTP etc.) across the globe. With direct and extended coverage in more than 190 countries, Airtel’s MPLS network is the right choice for managing Global WAN connectivity requirements.

**Airtel: Unleashing Connectivity, Expanding Opportunities in Africa**

Serving over 100 Mn mobile customers and delivering new-age user experiences, Airtel is present in 15 countries within Africa with a cumulative investment of USD 11 Billion in the region. As an organization continuously focused around expanding the connectivity envelope for its customers, Airtel has 47 MPLS PoPs, 3-path connectivity from West & East Africa and this is complimented with an unprecedented Wireline & VSAT connectivity that encompasses land-locked countries in the region.

**Airtel Global Business**

*Emerging Markets Decoded*

A leading telecommunication provider and third largest mobile operator in the world, Airtel is engineered for speed and dedicated to delivering tailored solutions for your business. We provide state-of-the-art voice, data, cloud and digital solutions unlocking the business value in emerging markets with complete agility, transparency & execution excellence.