

## IPX Connect

Interconnect now and prepare for 4G, with Tata Communications IPX Connect, our data roaming and data transport service across MNO networks to deliver superior subscriber experience with efficiency, and accelerate time to new revenue.

Rapid changes in mobile user behaviours, technology evolution, and ecosystem dynamics demand faster response and create opportunities for MNOs. More than ever, an adaptable and scalable infrastructure is required for MNOs to capture these opportunities with agility and efficiency. Tata Communications IPX Connect provides a converged interconnect platform for data roaming and data transport to deliver seamless user experience across MNO networks, ready for existing and emerging LTE-enabled services.

### Drive Efficiency and Faster time to New Revenue

IPX Connect offers data transport for multiple services with consolidated access over a converged network, supporting voice, signalling, messaging, roaming, video, and more, ideal for MNOs looking to migrate to LTE and IP Packet Core. Migrating from service-specific networks to IPX Connect enables MNOs to reduce the complexity and costs of managing specialised, bilateral, and isolated interconnects. New services can be added quickly with configuration changes instead of new networks. Similarly, MNOs can scale capacity for individual services to respond to changing user demands.

### Deliver Quality Subscriber Experience

Backed by industry leading SLAs, resiliency features, and a secure network separate from the public internet, IPX Connect provides high availability and performance required for mission-critical applications such as data roaming. To provide differentiated services according to application needs, IPX Connect provides Quality of Service (QoS) support. Supporting up to six Classes of Services (CoS), IPX Connect can meet the most stringent requirements from rich media applications, providing the flexibility needed for multiple services over the common network. Built on Tata Communications' own extensive global MPLS network, IPX Connect provides the scalability needed for mobile data growth, as well as the visibility and control required to optimise user experience.

### Pave the Way to an LTE-Ready Future

Positioning MNOs for existing and emerging mobile broadband services, IPX Connect provides the future-ready platform for data roaming and multi-service data transport in 4G, while enabling interworking and fallback with existing technologies for end-to-end service delivery. Supporting GRX today, IPX Connect is a key component of Tata Communications LTE Roaming, enables data roaming amongst LTE-ready MNOs with Diameter Signalling eXchange (DSX). IPX Connect provides the managed transport for services delivered across MNO networks, with the quality, security, scale, and agility required for application needs as MNOs move to LTE and IP Packet Core.



*“Key criteria for success in IPX market include network coverage, experience in voice and efficiency.”*

*Innovation Observatory*

### Benefits

- Improve subscriber experience with scale, QoS, security, and availability
- Accelerate time to new revenue with multi-service support
- Reduce costs with consolidated managed connectivity for multiple services
- Efficient direct network interconnect over common IP-based infrastructure
- Assure high service availability backed by industry leading SLAs
- Deliver end-to-end service experience with interworking and fallback to earlier technologies
- Ensure success of 4G migration across services with a trusted partner experienced in VoIP, global network and largest mobile signalling on-net community

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## Tata Communications Advantages

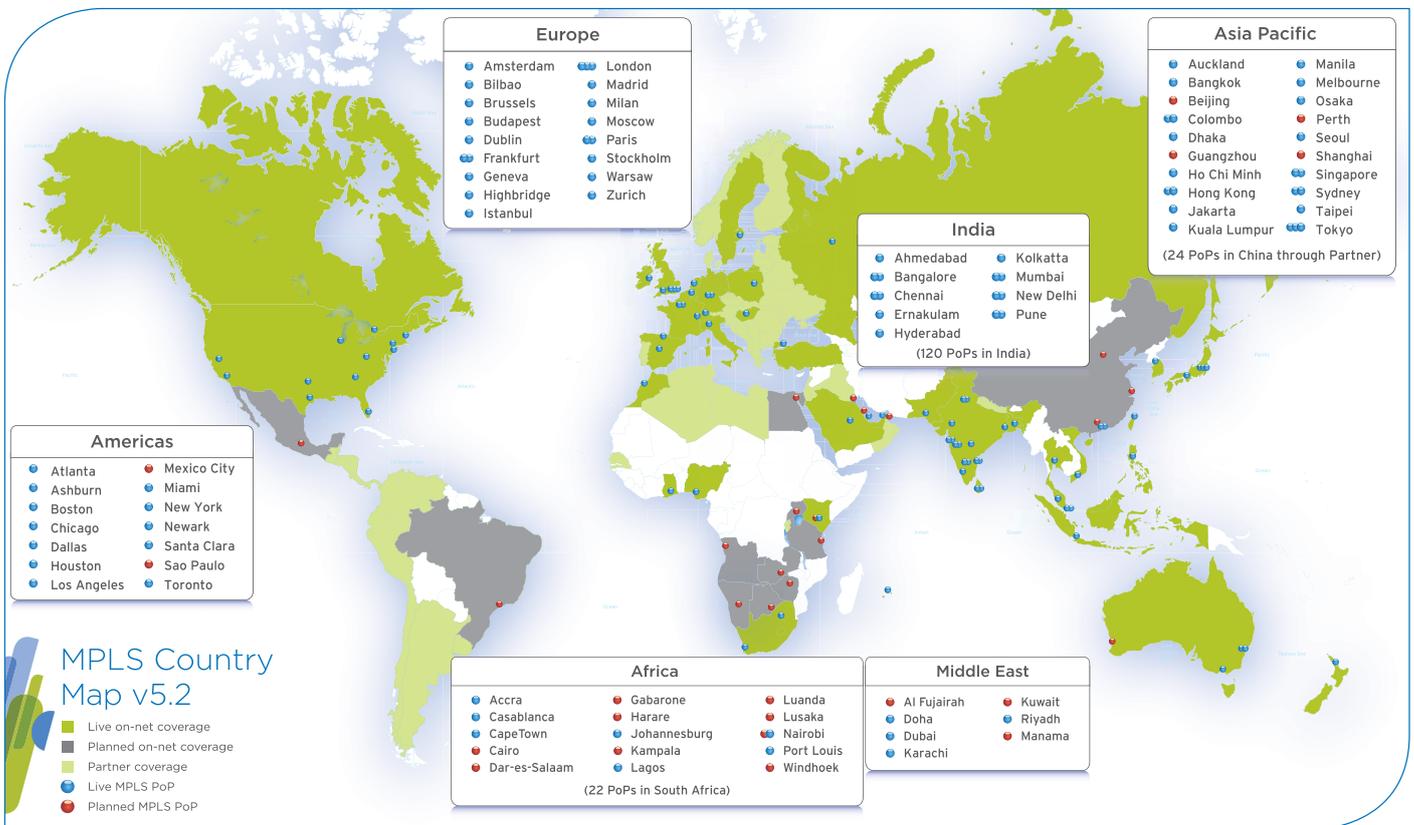
Built on Tata Communications' owned and managed extensive global network, with a footprint in over 70+ countries, IPX Connect delivers resilience, performance, and superior service management, including proactive monitoring and maintenance 24x7. Backed by SLAs exceeding GSMA standards, IPX Connect also provides shortest path on-net routing and high availability required for mission-critical mobile applications.

With the expertise of running the largest global on-net mobile signalling and the largest international voice wholesale networks, as well as decades of VoIP experience, Tata Communications understands what it takes to streamline service interconnects and reduce the risks of migrating existing services to a converged network.

IPX Connect is a component of Tata Communications IPX+ mobile broadband enablement framework, which simplifies inter-provider service delivery and management with quality user experience, creates monetisation opportunities, and supports emerging and evolving mobile ecosystem needs.

## Features

- Data roaming with GRX and IPX with full coverage reach
- LTE Roaming with resilient Diameter Signalling architecture on the largest on-net mobile signalling network
- Interworking and fallback from 4G to 3G or earlier technology
- Private, secure community network separate from the public internet
- 100% availability with redundancy and scale
- Industry leading SLAs exceeding GSMA requirements
- 24x7 proactive monitoring and customer support
- Conforming to GSMA standards including IR.34 and IR.77



## About Tata Communications

Tata Communications is a leading global provider of a new world of communications. With a leadership position in emerging markets, Tata Communications leverages its advanced solutions capabilities and domain expertise across its global and pan-India network to deliver managed solutions to multi-national enterprises, service providers and Indian consumers.

The Tata Global Network includes one of the most advanced and largest submarine cable networks, a Tier-1 IP network, with connectivity to more than 200 countries and territories across 400 PoPs, and nearly 1 million square feet of data center and colocation space worldwide.

Tata Communications' depth and breadth of reach in emerging markets includes leadership in Indian enterprise data services, leadership in global international voice, and strategic investments in operators in South Africa (Neotel), Sri Lanka (Tata Communications Lanka Limited) and Nepal (United Telecom Limited).

Tata Communications Limited is listed on the Bombay Stock Exchange and the National Stock Exchange of India and its ADRs are listed on the New York Stock Exchange. (NYSE: TCL).

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