

MOBILITY SERVICES

TATA COMMUNICATIONS IPX CONNECT

GLOBAL CONNECTIVITY FOR YOUR IP TRAFFIC

TATA COMMUNICATIONS PROVIDES YOU WITH A
GLOBAL, END-TO-END IP TRAFFIC EXCHANGE SERVICE.

Interconnect now and implement new generation mobile services, with Tata Communications IPX Connect, our data roaming and data transport service across Mobile Network Operator (MNO) networks. Deliver a superior subscriber experience efficiently 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 and 5G-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 A 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.



Key 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 an end-to-end service experience with interworking and fallback to earlier technologies if required
- Ensure success of 4G/5G migration across services with a trusted partner experienced in all aspects of IP communications, global network and one of the largest on-net mobile signalling communities

PAVE THE WAY TO A 5G 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 5G while enabling interworking and fallback with existing technologies for end-to-end service delivery. IPX Connect enables data roaming between 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 make the move to 5G services.

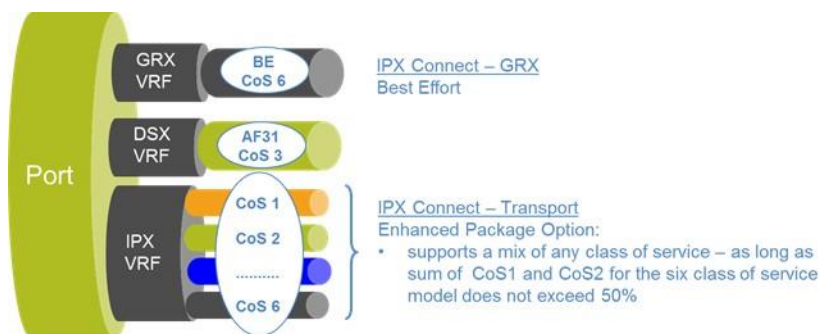
TATA COMMUNICATIONS ADVANTAGE

Built on Tata Communications' owned and managed extensive global network, with a footprint in 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.

IPX CONNECT OVERVIEW



Features

- 10 GE ready backbone
- 200+ PoPs deployed in all continents
- 5 types of access management
- Customer self-provisioning and 100G backbone on the roadmap
- QoS offering supporting a mix of up to 6 classes of service at any one time
- Scalable bandwidth with quick TAT to add capacity when the need arises
- Flexible B/W pricing catered to evolving CoS and application type usage patterns
- One simple monthly fee for any mix of class of service with up to 50% usage on CoS1 and 2

Tata Communications IPX: supporting GRX, Diameter Signalling Exchange and multiple CoS types across a single port

About Tata Communications

Tata Communications Limited (CIN no: L64200MH1986PLC039266) along with its subsidiaries (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 Communications global network includes one of the most advanced and largest submarine cable networks and a Tier-1 IP network, as well as nearly 1.5 million square feet of data centre and collocation space worldwide.

Tata Communications' depth and breadth of reach in emerging markets includes leadership in Indian enterprise data services and leadership in global international voice.

Tata Communications Limited is listed on the Bombay Stock Exchange and the National Stock Exchange of India.