Telstra

IPX

Let Telstra's IPX Service provide a future-ready platform for collaboration, innovation and the delivery of your next-generation mobility services.

What is IPX?

Although third-party service providers have been challenging the revenues of Mobile Network Operators (MNOs), the emergence of LTE now presents MNOs with an opportunity to deliver next-generation mobility services and monetise data usage via differentiated service quality. Telstra's IP Exchange (IPX) Service provides a scalable and cost-effective standards-based platform that will enable you to take full advantage of the LTE opportunity. It allows you to accelerate your new business growth and build your own mobile ecosystem to deliver services with end-to-end Quality of Service (QoS) and real-time monitoring, delivering a great end user experience.

Benefits

Superior end-user roaming experience

Telstra's IPX service enables you to overcome the unpredictability of network performance in the roaming environment and deliver a consistently great user experience, backed by industry leading SLAs. It does this through a high-quality IP/MPLS backbone with a proprietary latency optimisation protocol, together with end-to-end QoS and real-time monitoring. This extends your visibility into the international network and provides you with better control over service quality. The scalability of the platform also ensures that the user experience is not compromised when traffic increases.

Telstra IPX Coverage

Key
- IPX PoP
- IPX Dual PoP
- Planned PoP
- Neutral peering point
- Transmission only
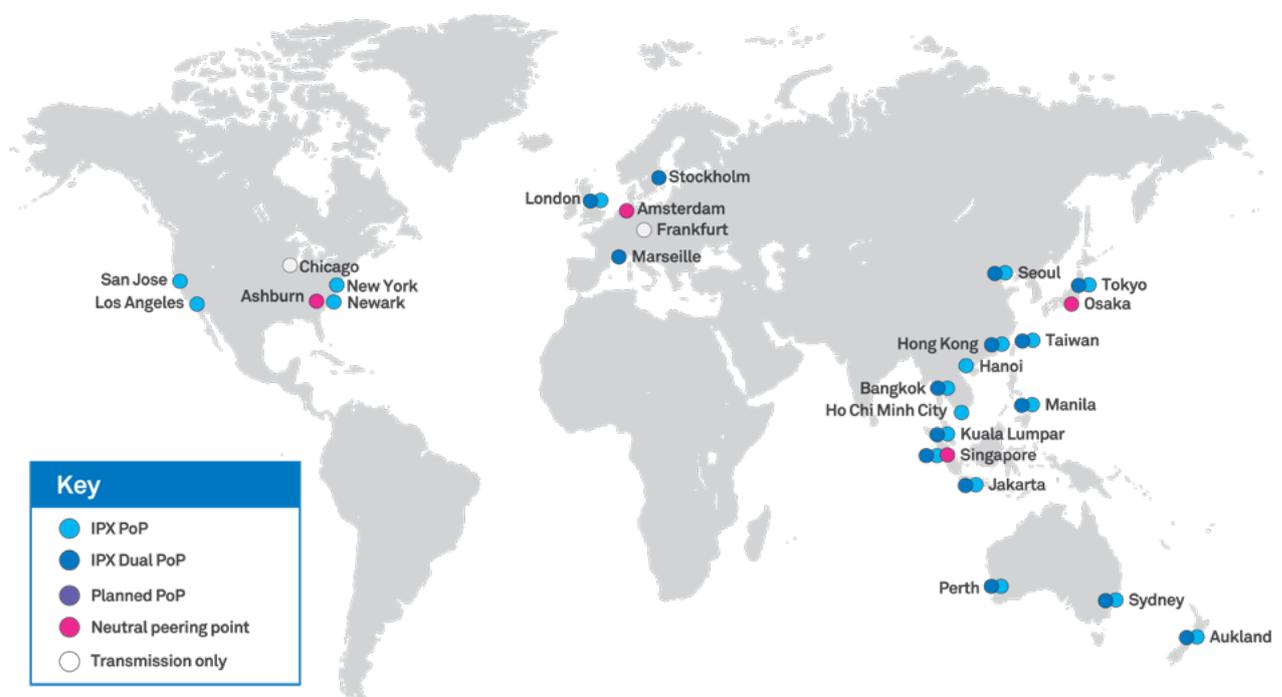
Growth and faster speed to market

Telstra IPX enables you to reduce the time to market and cost involved in the rollout of sophisticated new offerings by providing a ready platform for service innovation and delivery. You can redefine your own ecosystem of partners to take full advantage of the LTE-enabled platform for the delivery of next-generation services, content and applications. Further, the high quality of the IPX platform means that you can benefit from new business models and target revenue opportunities beyond your traditional footprint. Telstra offers IPX in 15 countries.

Convergence of legacy and new mobile services

By delivering an integrated, multi-service platform, Telstra eliminates the need for you to work with multiple vendors for different types of traffic exchange, or to grapple with visibility and control issues related to the quality of the underlying network. Our platform can support your roaming needs for signalling, SIP, diameter, 2G/3G and 4G data and Voice. It also does away with the need to establish multiple direct connections with network operators. This enables you to minimise cost and operational inefficiencies, and provides you with a single window to the world of next-generation mobility.

Lower commercial risk

MNOs have to constantly invest in next-generation networks in order to stay competitive even as they seek to optimise revenues from their existing assets. Telstra helps you reduce your investment risks by providing you with a future-ready platform. With dual PoPs in key markets, you can be assured of a high degree of resiliency that minimises downtime and protects your roaming revenue. Built on industry standards such as Diameter signalling

protocol, standard voice code like G.711, G.729 or even G.722. Telstra IPX delivers a quality network that will support you on your journey to launching services for LTE roaming.

Features

Extensive MPLS backbone

Delivers reliable, end-to-end QoS with Class of Service support.

Simplified end-to-end SLAs

Create new high grade SLAs to target segmented offerings and solutions.

Redundancy and rapid network scalability

Incorporates redundancy and scalability with extensive network capabilities and dual, resilient PoPs in all locations. Scalability comes in dynamic CoS (Class of Service) allocation and burstable bandwidth for high demand periods.

Resilient Diameter signalling

Supports dual Diameter signalling hubs for comprehensive mobility management including mediation and interoperability.

24/7 Customer Control Centre

Provides real-time end-to-end visibility, reporting and diagnostics. Get near real-time 4G roaming information of your mobile customers. Set real-time network event monitor and trigger.

4G to 3G fallback and interworking

Ensures seamless, always-on connectivity for both business and leisure travellers through Circuit Switch Fall Back (CSFB).

Wholesale Voice over IPX

Ready to turn off your TDM network? Voice over IPX can accommodate your needs.

Contact your Telstra account representative for more details.

Australia
🖱 telstra.com.au

International
🖱 telstra.com/international/WholesaleVoice
✉ tg_sales@team.telstra.com