

# Etisalat IPX Services

Single Converged connection  
for end-to-end delivery of  
Voice and 4G Data



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# Etisalat IPX services is an ecosystem of IP Interconnection which is a **private, secure IP Network with global reach** boasting on-net customer bases worldwide.

Integrating Big Data management and analysis at network and business level, with an emphasis on security and firewall solutions, is what Etisalat IPX services offers whilst maintaining quality and redundancy with a resilient IPX backbone Network.

## IPX Main Services

- **SS7 Mobility Signalling**
- **GRX / IPX**
- **LTE Diameter Signalling**
- **VoLTE services**
- **SMS Gateway**
- **5G interworking and roaming**
- **Internet of Things IoT**
- **Signalling VAS services:**
  1. Steering of Roaming traffic
  2. Welcome SMS
  3. Signalling Firewall
  4. Insight for data analysis
  5. Virtual Home Environment
  6. SMS spam protection
  7. National Boarder Roaming





# Choose Etisalat IPX Services for **enabling limitless roaming capability**

Etisalat IPX Services provides the future-ready platform for data roaming and multi-service data transport in 5/4G, while positioning MNOs for existing and emerging mobile broadband services, and enabling interworking and fallback with existing technologies for end-to-end service delivery. Etisalat IPX services supports GRX, LTE Roaming, enables data roaming amongst LTE-ready 5-G MNOs with Diameter Signaling exchange whilst providing the managed transport for services delivered across MNO networks, with the quality, security, scale, and agility required for application needs as MNOs evolve their GSM technology.

Rapid changes in mobile user behaviors, technology evolution, and ecosystem dynamics demand faster response and create new opportunities for MNOs. More than ever, an adaptable and scalable infrastructure is required for MNOs to capture these opportunities with agility and efficiency.

Etisalat IPX Services supports data roaming and data transport service across MNO networks to deliver superior subscriber experience with efficiency. It also accelerates time to new revenue by providing a converged interconnect platform for data roaming and data transport to deliver seamless user experience across MNO networks, ready for both existing and emerging LTE-enabled services.





# Drive Efficiency and Faster time to New Revenue. Deliver Quality Subscriber Experience.

Etisalat IPX Services offers data transport for multiple services with consolidated access over a converged network, supporting voice, signaling, messaging, roaming, video, and more, making it

Backed by industry leading SLAs defined by GSMA, resiliency features, and a secure network, separate from the public internet, Etisalat IPX services provides high availability and performance required for mission-critical applications such as IoT. To provide differentiated services according to application needs, Etisalat IPX services provides Quality of Service (QoS) support to meet the most stringent requirements from rich media applications, allowing the flexibility needed for multiple services over the common network. Built on ETISALAT'S own extensive global MPLS network, IPX services offers the scalability needed for mobile data growth, as well as the visibility and control required to optimize user experience.

## Benefits

- Network simplicity and full visibility
- High Security and high reliability
- IPX can help operators fully exploit the advantages of end-to-end IP networks control
- IPX provides fixed and mobile operators with high quality, cost effective interconnect services.
- IPX over Etisalat's MPLS network makes it the ideal foundation for international voice and data as well as mission critical applications.
- Improve subscriber experience with scale, QoS, security, and availability
- Accelerate time to new revenue with multi-service support
- Efficient direct network interconnect over common IP-based infrastructure
- Ensure success of 5/4G migration across services with a trusted partner experienced in VoIP, global network and reliable mobile Signaling on-net community

## Features

- 4G & 5G Data roaming over GRX with global coverage reach
- LTE Roaming with resilient Diameter Signaling architecture on the reliable on-net mobile Signaling network
- Interworking and fallback from 5G, 4G to 3G or earlier technology
- 24x7 proactive monitoring and customer support
- Conforming to GSMA standards including IR.34 and IR.77
- Wide range of services, including roaming (Signaling, data roaming), communication (VoIPX, VoLTE, ViLTE, HDVC, anti-fraud), VAS.
- Flexible customer routing decision and control.
- Worldwide coverage with PoPs in key geographies, both in developed and emerging economies.





## Why Choose Etisalat for IPX services



### Extensive On Net Coverage

Etisalat's eco system constitutes the most extensive international network that links +160 international voice carriers with its international mobile network reaching over 870 destinations thus making interconnectivity across networks a simple and seamless reality for your subscribers.



### Local In-Country Access

Not all IPX are created equal and some carriers use any Internet (IPsec), or international long distance to access the IPX network. At Etisalat we value transparency and our IPX network enables local in-country access without the need for internet or long distance interconnections.



### Competitive Edge

Etisalat is an active member of the GSMA Forum and shares inputs regularly to enhance IPX services in the future. We are committed to expanding our extensive on-net IPX coverage and launching innovative new products and applications over our global IPX platform to help service providers get a competitive edge.



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