

# IP eXchange – IPX.

International Carrier Sales & Solutions (ICSS)

Life is for sharing.



Mobile  
World

## IP interconnection is key in a converged world.

Major global trends are driving the need for the seamless convergence of networks: the industry as a whole is moving toward all-IP and NGNs, while value is shifting from transport to content and applications. Wholesale solutions for IP interconnection therefore

have to respond to the extended value chain and increasing need for new multiplayer business models across various businesses and networks.

## “Quality” applications independent of location, access or device technology.

Your private subscribers or corporate customers want to use an increasing range of high-quality multimedia-based applications independent of location, access and device technology. This is why you expect a single, converged interconnect capability for all your different interoperability requirements from your wholesale provider.

## Profit from ICSS's premium-quality solution: IPX.

With our IPX service, we offer you a premium-quality solution that promises reliable delivery of traffic while offering the flexibility to apply an appropriate level of quality as demanded by the applications for each different class of service.

## New flexibility: internetworking with each provider using a single platform.

Our IPX solution allows every provider in the IP world - from mobile network operators (MNOs) and fixed network operators (FNOs) to content and media providers - to internetwork with each other via one platform, one contract and one supplier: ICSS.

## Create a reliable and secure global network.

ICSS's IPX provides you with all the flexibility, reach, and efficiency of the public Internet combined with the quality, transparency, and security of a dedicated interconnection. Profit from ICSS's IPX and create a global network that is able to support IMS sessions and guaranteed QoS for all type of services and applications on an end-to-end basis. Based on GSMA specifications, ICSS's IPX is the concrete answer to your and your subscriber's requirements for ease of use, global access, high quality, reliability of services, secure international data transmission, and compatibility to the existing GRX world.

## ICSS's IPX performance.

- Based on GSMA standards and SLA specifications
- Completely managed connection, including CPE
- High flexibility and scalability on a fixed network access - available capacity up to 2.5 Gbps
- IPsec-based access solution - available capacity up to 30 Mbps
- MMX service
- GRX support and seamless migration to IPX
- SIGTRAN service (Signaling for International Roaming)

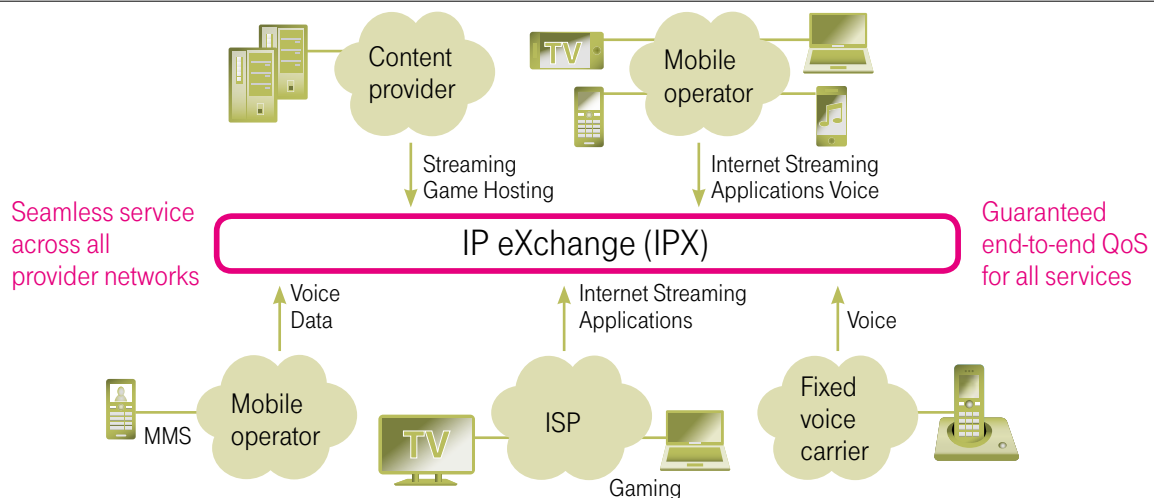
## Your operator benefits.

- Make more out of delivering services with high security and agreed levels of quality and supports classes of service for a set of defined applications, including packet voice, SIP/IMS services and IPv6 translation
- Services that require high QoS are prioritized and the SLA will apply seamlessly over two IPX networks
- Profit from ICSS's existing customer base and gain access to the widest number of roaming subscribers
- As an ICSS customer you can dynamically use the access bandwidth among roaming relations without reordering

## Your subscribers' benefits.

- Your roaming consumers will gain access to a broad portfolio of exciting digital content and that a secure, reliable environment supports their purchases over their mobile phones
- Your customers abroad gain confidence that, if they pay more for services like mobile data and IPTV, they can have them delivered with higher QoS than can be achieved over the public Internet
- End-to-end QoS enables consistent, predictable service delivery to end customers
- Since they are charged by the “home” operator, your consumers abroad prefer using their existing charging relationships if they feel that the service is as reliable as at home

## Prepare for the next dimension of all-IP communications



For further information, see  
[www.telekom-icss.com](http://www.telekom-icss.com)

### Publisher

Deutsche Telekom AG  
International Carrier Sales & Solutions (ICSS)  
P.O. Box 2000  
53105 Bonn  
Germany