



24-25th September 2014
London, UK

Enabling the IP evolution

IPX : Now and Next

Industry leader NetNumber give their perspective on the current state of play in the IPX market and what the future will bring.





Matt Rosenberg will be speaking at this years Total Telecom IPX Summit, to be held at Hilton Tower Bridge on 24-25 September.

Matt was asked to give NetNumber's perspective in regards to IPX by answering the following questions:

- 1. There are a number of different definitions of IPX in the industry. What does it mean to you?**
- 2. How has the IPX space developed over the past 12 months?**
- 3. What services will be critical in driving IPX forwards?**
- 4. What can you tell us about your own plans for IPX?**
- 5. When do you think there will be a tipping point for IPX?**

Matt Rosenberg

Vice President Worldwide Sales & Solutions Design
NetNumber Inc



1. There are a number of different definitions of IPX in the industry. What does it mean to you?

IP exchange or (IPX) is a telecommunications interconnection model for the exchange of IP based traffic between customers of separate mobile and fixed operators as well as other types of service provider (such as ISP), via IP based Network-to-Network Interface. IPX is developed by the GSM Association.

2. How has the IPX space developed over the past 12 months?

The adoption of IPX is growing but slower than predicted due to all kinds of interworking issues and to the delay in which operators plan to introduce LTE voice services and RCS-based video/chat/file services. The market has shown that operators with elaborated 2G/3G networks tend to have paid deep attention to data services over LTE and postponed the migration/introduction of other services.

The most pushing demand for IPX is from operators that would like to avoid new investments in traditional circuit switched equipment for interconnections. This refers to operators with either a new all IP network or existing operators with end-of-life/capacity issues.

3. What services will be critical in driving IPX forwards?

We hear from our customers that LTE voice, HD voice and video conferencing are driving IPX forwards. In addition, the further adoption of IP by operators (and the end-of-life and the end-of-knowledge of TDM) forces IPX forwards in growing numbers.

Additionally, as carriers embark in the transition from TDM to IP and start to promote more IP interconnect, access to global number portability data is starting to become an important requirement to enable accurate routing in the interconnect models.

4. What can you tell us about your own plans for IPX?

Signaling interworking is necessary for IPX. Today, NetNumber is helping carriers create competitive advantage with IPX through our TITAN Platform. TITAN is the industry's only common infrastructure for the delivery of real-time signaling control and database services. This represents a paradigm shift for building a radically simplified core network where all signaling control services (ENUM/DNS, SIP, DIAMETER, SS7/C7 and SIGTRAN) are provided on a common platform and can be deployed and managed via Virtual Network Functions (VNF). And a single platform makes interworking much easier than the traditional deployment of multiple silos of signaling protocols that all have their own OSS/BSS provisioning, their own separate databases, and their own migration paths within the product. Multiple silo solutions make interworking difficult to implement, and are complicated, hard to scale and expensive to deploy and maintain.

5. When do you think there will be a tipping point for IPX?

We believe the tipping point will be tied to operators fully embracing NFV and IP interconnect, which will enable them to more efficiently interwork and therefore scale new services faster. This however, is a matter of how quickly carriers will remove TDM interconnection from their networks, which looks to still be quite a long way away.

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If you'd like to participate in the Total Telecom IPX Summit, contact:

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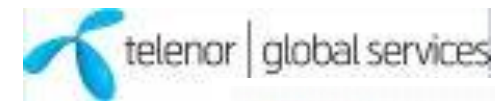
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