



# IX Peering

Simplifying peering across the globe with seamless, on-demand access to world-leading Internet Exchanges (IX)

## Overview

Epsilon's IX Peering solution connects you directly and securely to the world's leading IXs, enabling you to benefit from peering in the main global exchanges from anywhere around the world.

IX Peering is a cost-effective solution for interconnect peering from a single port while adding resilience and improving latency on your network. We offer powerful diverse peering capabilities with reliable, cost efficient and scalable private connections via our award-winning NaaS platform, Infiny by Epsilon.

## Features

- Interconnected to the World's Largest Internet Exchanges
- Scalable Peering Connectivity On-Demand (from 100M to 100G)
- Reduce Upstream and Transit Cost by offloading to Peer
- Real-Time Performance Monitoring
- 24/7 Technical & Operational Support
- Pricing includes Connectivity, Ports and Membership fees
- Service Level Agreement (SLA) Commitment
- Access via Web Portal or API-Enabled
- Terabit Packet Optical Network
- Quality of Service (QoS) & Quality of Experience (QoE)



Infiny by Epsilon on-demand connectivity to Major global IXs such as DE-CIX, AMS-IX, LINX, & many more. It simplifies peering and provides seamless access to hundreds of interconnects peering members from a single location. You can access IXs at a few clicks of button.

- Web Portal or API-Based Management
- On-Demand Connectivity to Internet Exchange Points Globally
- A Simple Self-Service Interface

## Benefits



### Strategic Partnerships

We deliver access to a growing number of IXs including DE-CIX, AMS-IX, LINX, SGIX, FranceIX, NYIIX, BBIX, JPIX, NAPAfrica as well as other exchanges in local markets



### Guaranteed Quality

Our end-to-end SLAs deliver consistent and reliable connectivity to global IXs



### Seamless Management

Our simple and seamless interface ensures you can control and monitor your connectivity efficiently



### Cost Efficient

You can peer seamlessly around the globe without having to invest in the network infrastructure to reach the world's leading IXs



### Scalable Connectivity

Infiny by Epsilon enables you to connect to IXs anywhere in the world with connectivity that can be turned up as and when required at the click-of-a-button



### Quality of Experience

You can improve the Quality of Experience for your end users with reliable private connections to the leading content and application providers

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“IX Peering makes connecting to Internet Exchange easy and simple to manage. With on-demand connectivity, you can peer from anywhere in the world. It removes the limits on how you connect to Internet Exchanges whilst having instant access to new and scalable networking.”

### Peter Young

Global Product Manager  
Epsilon

## Why Choose Us?

### One Connection

You can connect and peer with major IXs through a single relationship with Epsilon

### Global Hubs

We enable you to access all the major communication hubs around the world

### Trusted Service

We've provided network services for over a decade, meaning you can peer around the world with confidence

### A Future Focused Approach

We deliver an innovative approach to on-demand connectivity with a platform that is shaping the future of the industry

### Customer Service Excellence

We focus on your big picture needs by delivering customer service excellence on a global scale

### A Powerful Model

Our simple and flexible Infiny platform enables you to seamlessly peer with on-demand connectivity



## TECHNICAL SPECIFICATIONS

Interface Type	UNI
Port Rates	1G - 1000Base SX/LX 10G/100G - 10GBase SR/LR
Bandwidth Profile (Mbps)	100, 200, 250, 500, 1000, up to 100000 10G Vlans & 100G on Dedicated Ports Dependant on IXP service offering 100000 on Dedicated Ports
Topology	Point to Point
MEF EVC Service Types	Ethernet Virtual Private Line (EVPL)
EVC Attributes	1x VLAN with VLAN preservation
Transport Technology	Ethernet
Protection Options	Unprotected
Maximum Ethernet Frame Size (DA to FCS)	9100 bytes (UNI)
Jumbo Ethernet Frames	Supported as above
Interface Configuration	Auto-negotiation on, flow control off
Interface Protection	Yes (LAG-active / active)
Service Uptime	99.5% for unprotected 99.95% for protected
Packet Loss Ratio	< 0.001%
Service Availability	Globally between all Epsilon Infiny enabled PoPs

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