Remote Peering

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

Overview

Epsilon's Remote 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.

You no longer have to be physically present at Internet Exchange Points (IXP) to peer with local service providers. You can now bring your users closer to where the content and services meet with over 280 leading international data centres connected to the Epsilon network fabric.

Remote Peering is a cost-effective solution for interconnect with the global peering fabric from a single hub 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 SDN platform, Infiny by Epsilon.

Features

- Interconnected to Over 20 of the World's Largest Internet Exchanges

- Dedicated 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 for 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) & Experience (QoE)

INFINY BY EPSILON

Infiny by Epsilon on-demand connectivity platform provides direct access to global IXs. It simplifies peering and provides seamless access to hundreds of interconnect peering members from a single location. You can access IXs anywhere in the world at the click-of-a-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, LONAP, 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

"Remote 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 to IXs globally and peer remotely 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
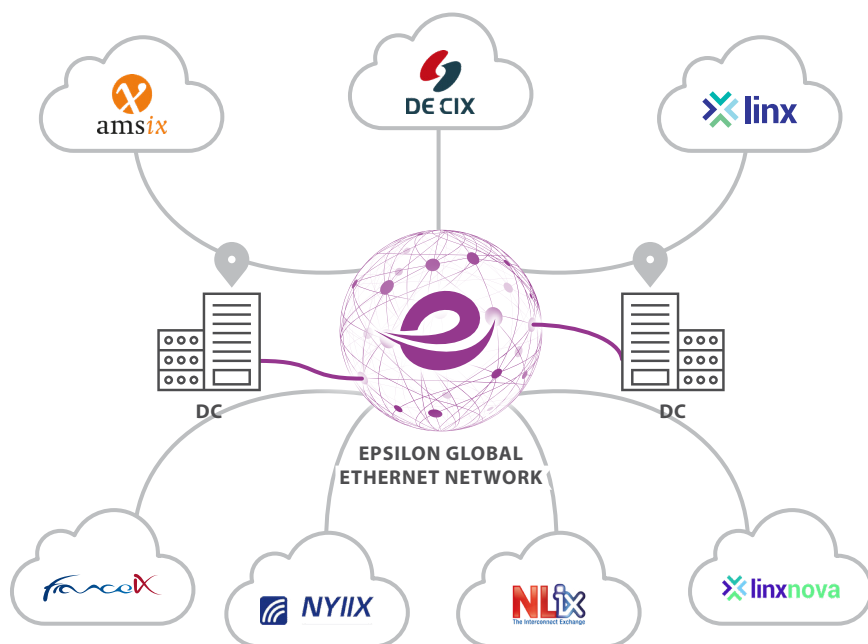We deliver an innovative approach to on-demand connectivity with a platform that is shaping the future of the industry

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 remote peer with on-demand connectivity

EPSILON GLOBAL ETHERNET NETWORK

TECHNICAL SPECIFICATIONS

Interface Type	UNI
Port Rates	1G - 1000Base SX/LX
	10G/100G - 10GBase SR/LR
Bandwidth Profile (Mbps)	100, 200, 250, 500, 1000, 2000, 2500, 3000, 4000, 5000, 10000 & 100000 (Where available)
	10G & 100G Vlans & 100G on Dedicated Ports (Where available)
	Dependant on CSP service offering
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	Protected/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

Contact Us

APAC
+65 6813 4020

UK
+44 207 096 9600

EMAIL
info@epsilontel.com

2111