

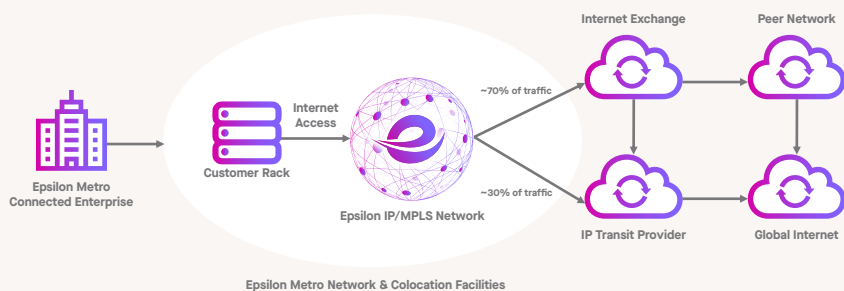
Internet Access

High-performance, resilient, and secure connectivity for mission-critical workloads

Overview

Epsilon's Internet Access delivers dedicated, high-capacity connectivity from your collocated infrastructure to the global Internet. Designed for enterprises, service providers, and cloud-centric organisations, it provides predictable performance, carrier-grade resilience, and enterprise-grade security within data centre environments.

The service ensures consistent low latency and high availability through diverse routing, redundant infrastructure, and multiple upstream providers. It supports customer-facing applications, SaaS delivery, cloud access, disaster recovery platforms, and remote infrastructure management, while allowing bandwidth to scale seamlessly in line with business needs.



Features

- Dedicated, high-capacity Internet access with committed bandwidth and predictable latency
- Carrier-grade resilience with diverse routing, redundant hardware, and multiple upstream providers
- Dual-homed with VRRP protection using /29 IP address block or single-homed using /31 or /30 address blocks for resilience
- Rapid, on-demand bandwidth upgrades without physical reconfiguration
- Dual-stack IPv4 and IPv6 support
- Flexible bandwidth options from 100 Mbps to 100 Gbps with Committed Information Rate (CIR)

Today's Enterprise Needs

Reliable, high-performance Internet connectivity for mission-critical applications

Secure access to cloud platforms and digital ecosystems

Direct connectivity to Internet Exchanges, peer networks, and IP Transit providers

Scalable bandwidth to meet evolving business and application demands

Simplified operations through a single, integrated connectivity provider

Benefits



Predictable Performance

Ensure your applications hosted at Epsilon's colocation centres perform reliably, improving productivity and user experience



High Resilience and Availability

Diverse routing, redundant hardware, and multiple upstream providers minimise downtime, keeping applications available when needed



Improved Productivity

Direct access to major Tier 1 transit providers and global peering partners reduces latency, and rapid bandwidth upgrades provide performance improvements without delay



Streamlined Operations

Eliminate the need to manage multiple suppliers by consolidating end-to-end connectivity under a single provider



Enhanced Flexibility

Scale connectivity easily with a variety of bandwidth options to meet evolving business needs

“Epsilon’s Internet Access provides resilient, high-quality connectivity that underpins digital operations, customer experience, and cloud strategy. It delivers predictable performance, strong availability guarantees and scalable capacity, enabling your business to operate securely and reliably while supporting growth, transformation and cost control”



Peter Agnew

Global Product Manager
Epsilon

Technical Specifications

Specification	Details
Interface Types	1G, 10G, 25G, 40G, 100G Ethernet
Routing Protocols	Static Routing for IPv4 and IPv6
IP Addressing	Provider Assigned
Fixed IP Addresses	/31, /30 for unprotected service /29 for resilient service
MTU	Up to 1500 bytes
Latency	Optimised regional and international routing
Packet Loss	<0.1% within Epsilon’s Network

Why Choose Us?

Unparalleled Global Reach

Our extended and resilient network of 500+ Points of Presence ensures that you get reliable connectivity even in far-reaching places

Large Ecosystem of Partners

Connect to world-leading Cloud, SaaS, and Internet Exchange providers via a single interface or NNI with our large ecosystem of trusted partners

Extensive Suite of Services

As one of the few global providers offering beyond data and cloud, to voice, satellite, and colocation, we can meet all your global interconnectivity needs at scale

Award-winning Software-defined Network

Automate your international connectivity and extend your global reach with on-demand provisioning powered by real-time analytics and orchestration

Customer Service Excellence

Our team of global experts provide 24/7 technical and operational support to ensure quality service that you can rely on

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