

Cloud Connect

Scalable, private, and secure direct connectivity to an ecosystem of world-leading Cloud Service Providers

Overview

Cloud Connect provides convenient, cost-efficient, and reliable direct access to the world's leading Cloud Service Providers (CSPs).

Hybrid Cloud adoption is growing rapidly because it provides enterprises with the best of both private and public Cloud. Enterprises benefit from the security and reliability of private Cloud for mission-critical data and applications, while also enjoying the cost-efficiency and flexibility of public Cloud.

Bypassing the Internet to connect directly to global CSP is often time-consuming, costly, and difficult to manage. Enterprises need to engage with many different Service Providers with varying SLAs in a complex and disparate manner.

We enable you to connect with multiple CSPs on-demand through our award-winning SDN platform, Infiny. It is a simple solution that serves new Cloud demand around the world using a Cloud-centric network fabric. You can scale your bandwidth up and down to suit your organisational needs, just as you already do for your Cloud resources.

Cloud Connect simplifies how you serve new Cloud demand and accelerates Cloud adoption around the world.

Features

- Carrier-grade, next-generation packet optical global network
- Direct connectivity to leading CSPs
- Guaranteed performance
- Managed end-to-end connectivity
- On-demand connectivity platform with white-label options
- Global team of experts
- 24/7 dedicated support
- End-to-end performance monitoring and integrated billing



Infiny is a Network-as-a-Service (NaaS) platform that enables users to provision and manage Layer 2 Cloud Connectivity through an intuitive web-based portal or APIs. It puts the power of the network directly in users' hands, allowing them to scale Cloud connectivity anytime, anywhere.

- A global interconnect fabric of data centres and networks
- Interactive analytics, graphing, and actionable insights
- On-demand connectivity to CSPs globally
- A simple self-service interface

Benefits



Seamless Model

Our on-demand connectivity model removes the complexity of connecting to CSPs across multiple geographies



Secure Data

We protect your mission-critical data through our carrier-grade, next-generation global private network



Single Source

Connect to the world's leading Cloud and SaaS providers – including Alibaba Cloud, AWS, Google Cloud, Microsoft Azure, Oracle Cloud, IBM Cloud – without the need for multiple contracts



Scalable Solutions

Achieve the flexibility to scale infrastructure and support new business growth or services with an on-demand connectivity model



Extensive Reach

Our extensive and ever-growing coverage across multiple locations worldwide means you can rely on us to connect you whenever and wherever you need



Visibility and Control

Gain real-time service data to monitor and optimise mission-critical operations for an optimised experience

“Epsilon simplifies cloud connectivity with a secure, reliable, and efficient approach. Our growing ecosystem of Cloud Service Providers gives partners seamless options for direct cloud access.”



Peter Young
Global Product Manager
Epsilon

Why Choose Us?

Global Connectivity

Our extensive infrastructure around the world means you can rely on us to connect whenever and wherever you need

Trusted Partner

We believe in strong partnerships, and we have a track record of making our partners successful globally

Continual Innovation

Our solutions are always evolving to give our partners an exceptional user experience

A Growing Ecosystem

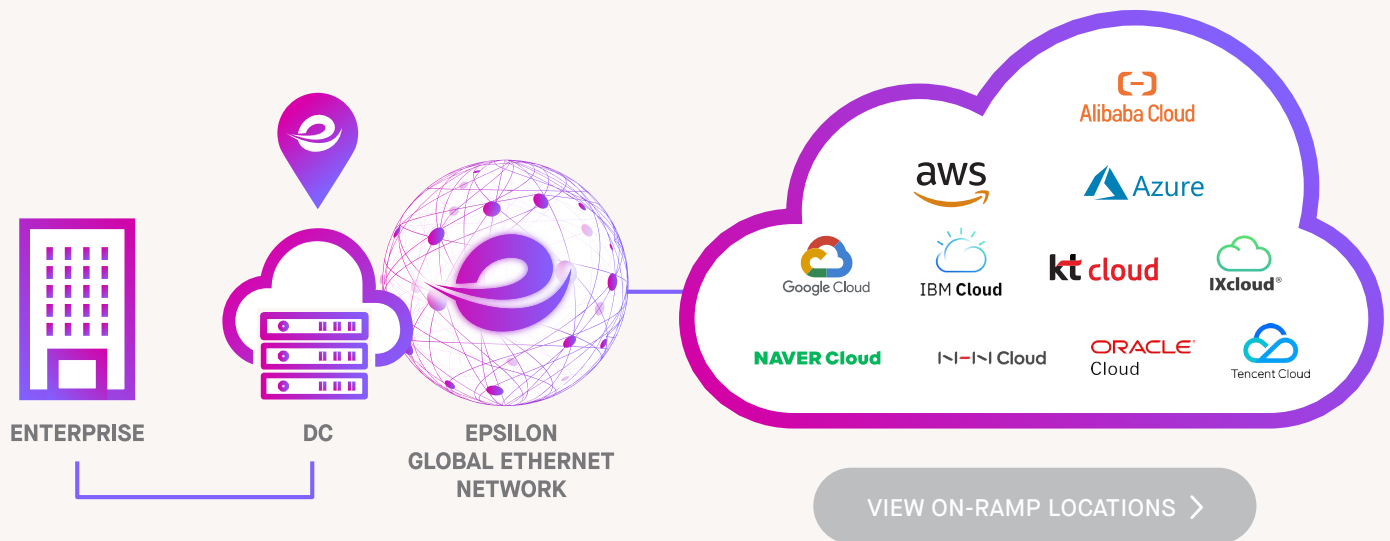
We are continually adding new Cloud Service Providers to our ecosystem

Customer-centric

Our team of global experts provides you with technical and operational support 24/7

Simple Solutions

Through a single relationship with us, you can connect and manage your Cloud connections and services around the world



Technical Specifications

Interface Type	UNI
Port Rates	1G - 1000 Base SX/LX 10G - 10G Base SR/LR 100G - 100G Base SR4/LR4
Bandwidth Profile (Mbps)	50, 100, 200, 300, 400, 500, 1000 and up to 10000 (Subject to CSP service offerings)
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/Protected
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 (Available from Azure)
Packet Loss Ratio	< 0.001%
Service Availability	Globally between all Epsilon Infiny enabled PoPs

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