



London: a strategic hub for colocation and connectivity

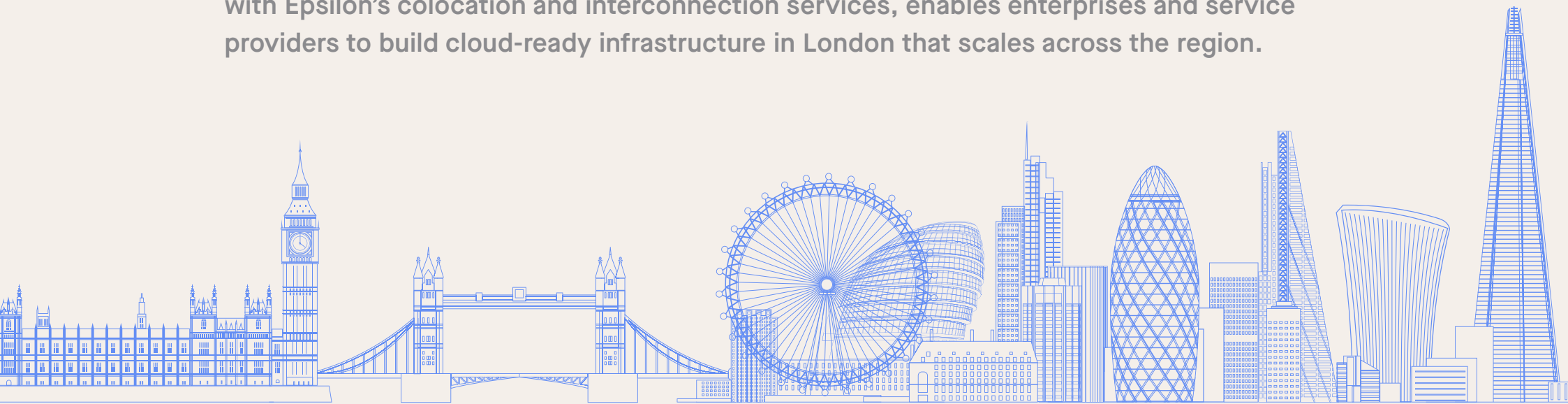


deploying scalable, cloud-connected
infrastructure across Europe

The acceleration of cloud adoption, rising user expectations, and increasing application complexity are reshaping how digital infrastructure is designed and operated.

Organisations today require a flexible, scalable, and resilient environment that supports private connectivity to multiple clouds, seamless interconnection with ecosystem partners, and high-performance access to users across Europe.

This guide explains how deploying infrastructure in our London colocation facility, combined with Epsilon's colocation and interconnection services, enables enterprises and service providers to build cloud-ready infrastructure in London that scales across the region.





evolving requirements for modern infrastructure

Digital services today operate across distributed environments and must deliver consistent performance across multiple geographies and platforms.

Common challenges include:

- Unpredictable latency across public internet routes
- Complexity in scaling legacy or on-premises environments
- Fragmented connectivity across cloud and partner ecosystems
- Increasing power density and cooling requirements
- Growing reliance on hybrid and multi-cloud architectures

To address these challenges, organisations are increasingly adopting carrier-neutral colocation hubs with strong cloud adjacency and flexible, software-enabled interconnection.

why London matters as a digital hub

London remains one of Europe's most influential digital and financial centres, offering a uniquely dense and interconnected infrastructure ecosystem.



Strategic gateway to European markets



One of the highest concentrations of carriers and cloud on-ramps in Europe



Low-latency connectivity to major European digital hubs



Direct access to multiple global cloud providers



Mature regulatory environment and stable digital infrastructure landscape



Epsilon Global Hubs London

Located in London's established connectivity district in Shoreditch, Epsilon Global Hubs (EGH) London sits within one of the city's most interconnected digital ecosystems.

With direct access to key exchange points and a dense carrier environment, EGH London delivers resilient, high-capacity infrastructure that enables enterprises and service providers to establish a scalable regional hub for cloud-connected and colocated workloads.



core infrastructure advantages

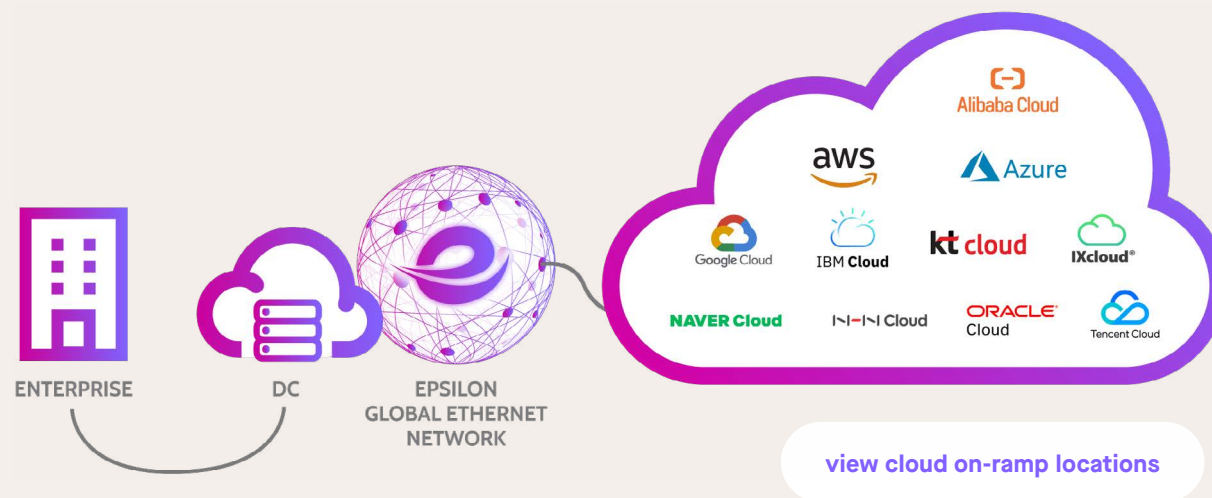
EGH London delivers a robust foundation for mission-critical digital deployments, ensuring predictable performance and operational resilience.



private cloud access via colocation

Private cloud connectivity delivers the greatest value when integrated directly with colocated infrastructure. By hosting compute and network infrastructure within a carrier-neutral environment, organisations gain direct, stable access to cloud platforms without reliance on the public internet. This results in improved performance consistency, stronger security, and more resilient hybrid architectures.

Many enterprises now adopt dedicated private connectivity to leading cloud providers. For example, Microsoft Azure environments can be accessed via Azure ExpressRoute, enabling private, deterministic connectivity into Azure regions.



Private cloud connectivity enables



Predictable performance across hybrid and multi-cloud environments



Stronger security through private, dedicated network paths



Reliable access to distributed cloud workloads

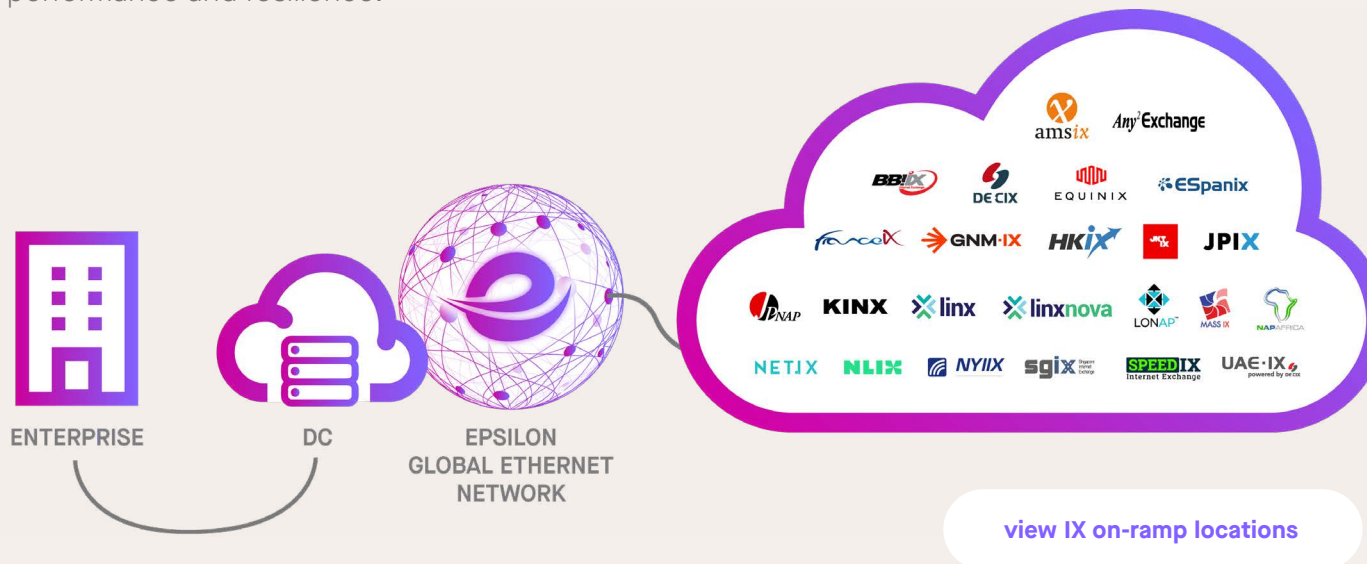


Simplified network management through consolidated connectivity

remote peering and ecosystem access

Colocated infrastructure in London enables organisations to extend connectivity to internet exchanges through remote peering, eliminating the need for physical infrastructure at exchange locations.

This approach enhances agility and simplifies network operations while improving performance and resilience.



Benefits

- Low-latency connectivity for UK and European end-users

- No requirement for onsite exchange infrastructure

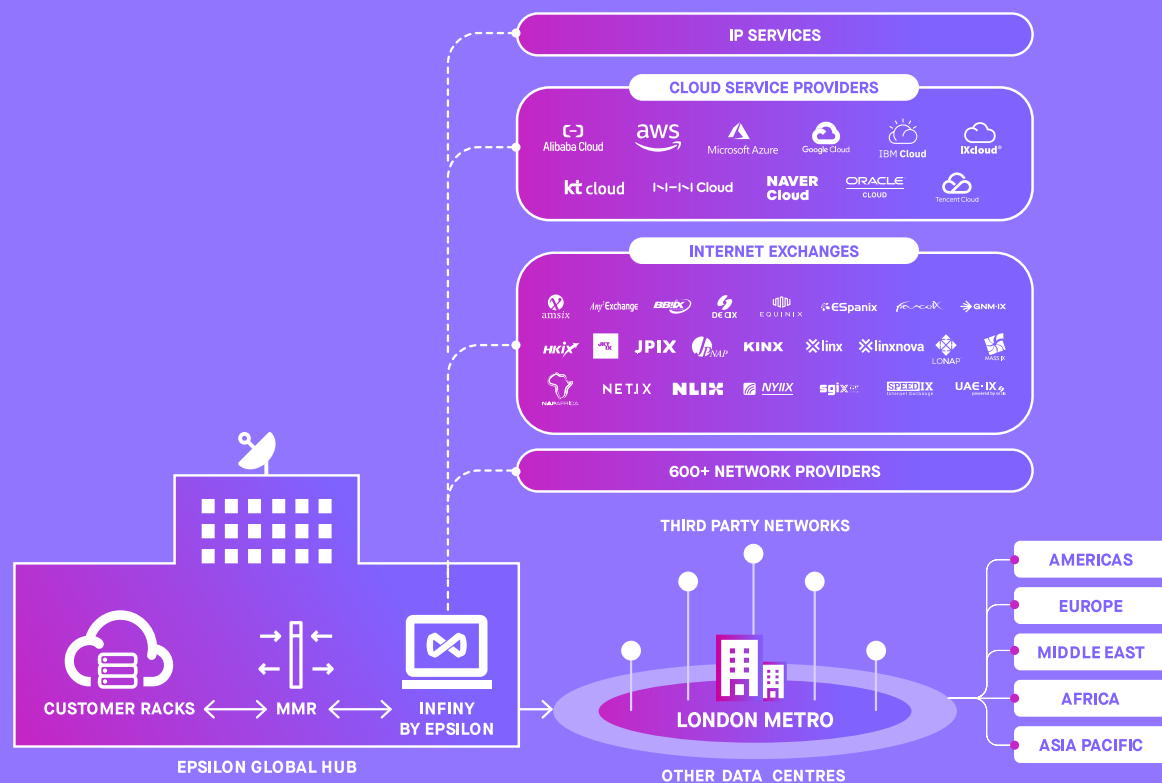
- Increased route diversity and network resilience

- Rapid provisioning via software-defined connectivity

- Access to multiple exchanges including LINX, LONAP, AMS IX, Equinix IX, and DE-CIX

scaling beyond London

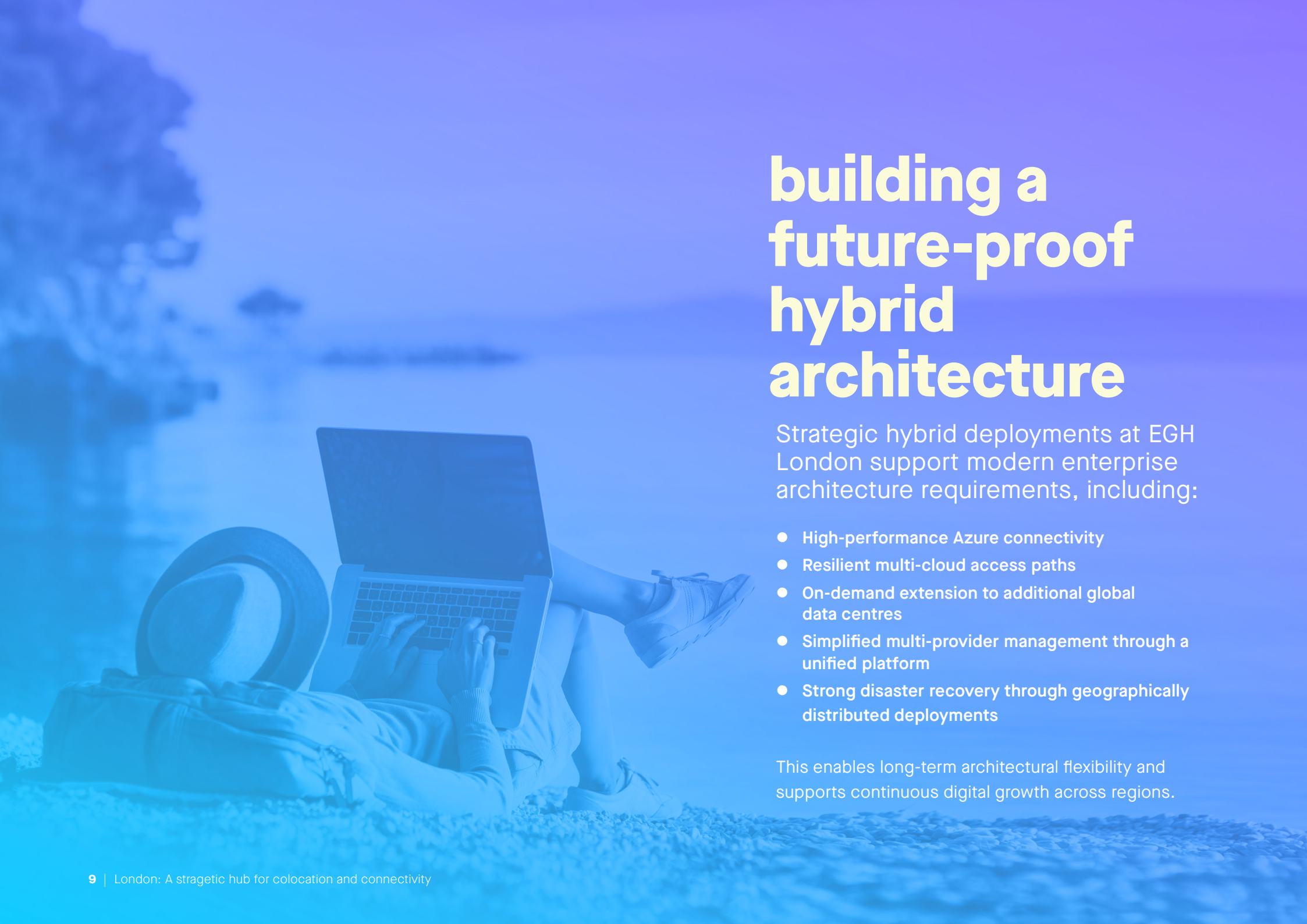
With Epsilon's global backbone and Network-as-a-Service platform, Infiny, deployments in London can seamlessly extend connectivity across global markets.



This enables direct access to:

- Key European hubs such as Spain, France, Netherlands, and Germany
- Major APAC and U.S. data centre locations
- Global cloud service providers
- International Internet Exchanges
- Partner ecosystems and carrier networks worldwide

This global interconnection capability allows organisations to scale infrastructure while maintaining predictable performance and operational control.

A person is lying on their stomach on a sandy beach, using a laptop. They are wearing a hat and sneakers. The background shows a calm sea and a cloudy sky. The entire image is overlaid with a semi-transparent blue filter.

building a future-proof hybrid architecture

Strategic hybrid deployments at EGH London support modern enterprise architecture requirements, including:

- High-performance Azure connectivity
- Resilient multi-cloud access paths
- On-demand extension to additional global data centres
- Simplified multi-provider management through a unified platform
- Strong disaster recovery through geographically distributed deployments

This enables long-term architectural flexibility and supports continuous digital growth across regions.

streamlined deployment options

Epsilon offers pre-configured colocation bundles designed to accelerate deployment and reduce operational complexity.

Colocation

+

100Mbps

Cloud Connect

Ideal for organisations adopting hybrid cloud strategies and requiring private connectivity to leading cloud platforms, such as Microsoft Azure or AWS

Colocation

+

100Mbps

Remote Peering

Designed to enable low-latency interconnection through access to major IX ecosystems, CDNs, ISPs, and global cloud platforms.

Colocation

+

10Mbps

**IP Transit /
Internet Access**

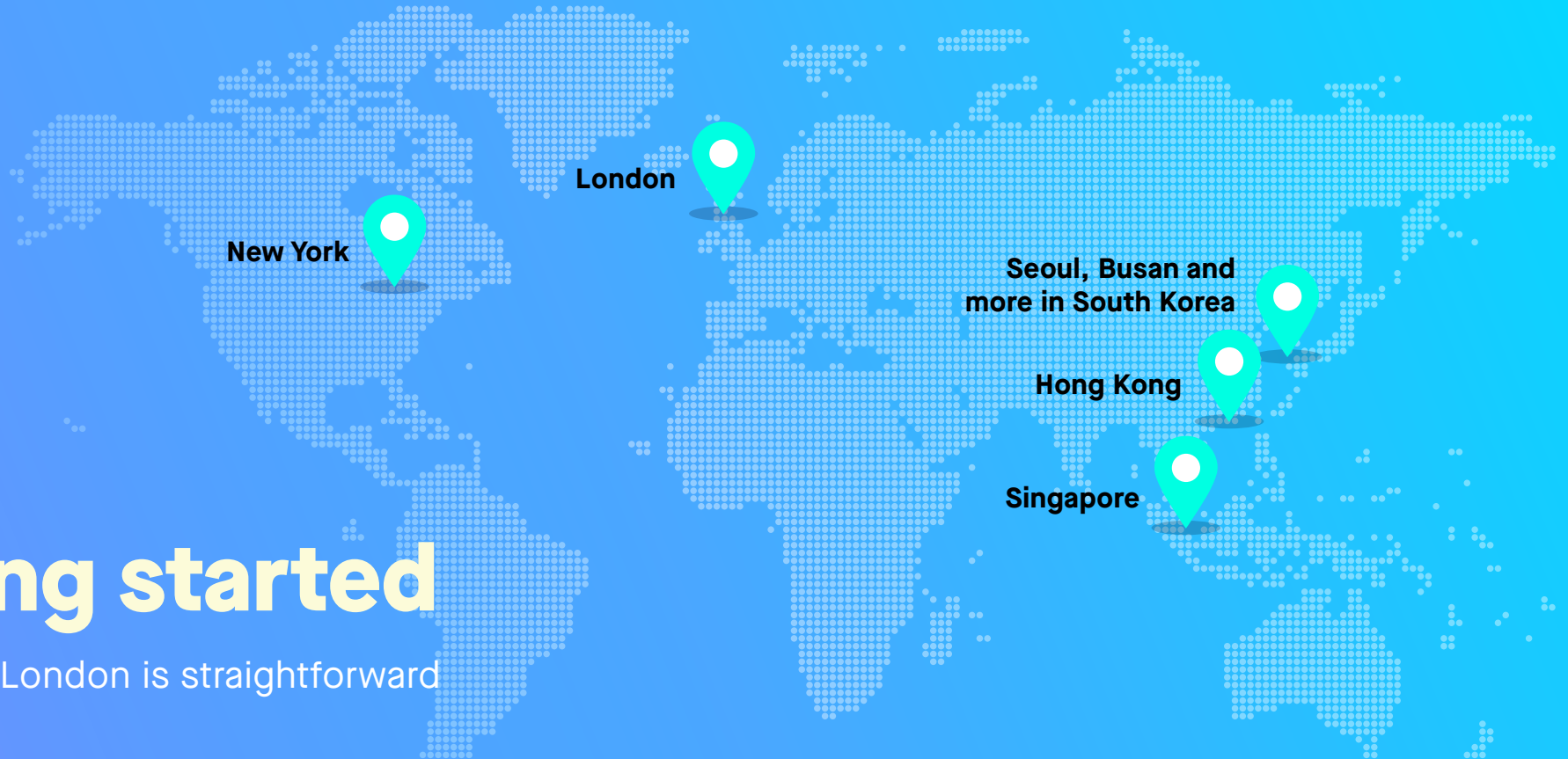
A flexible starter option suitable for smaller deployments or phased expansions

These bundles simplify provisioning, reduce complexity, and accelerate time-to-value.

key industry use cases

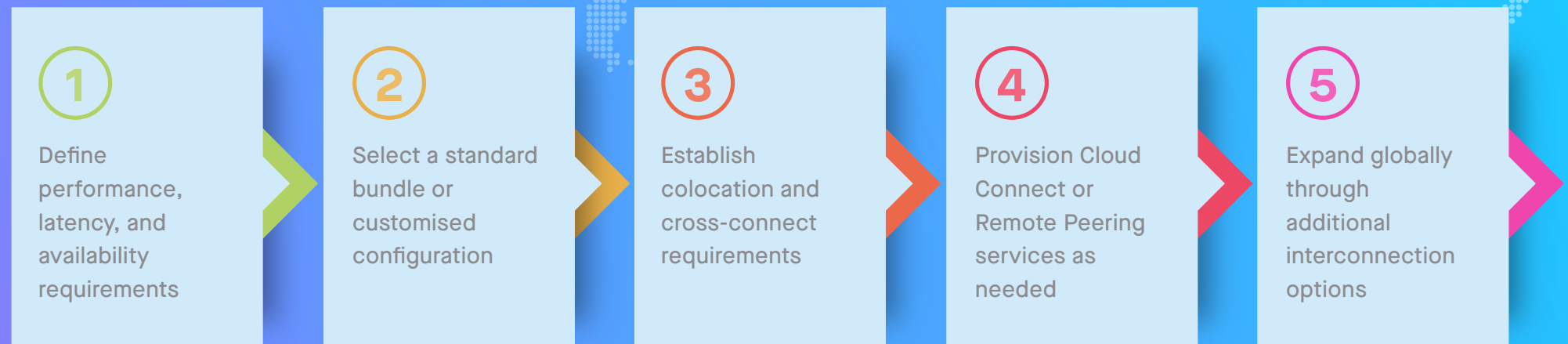
Epsilon's London colocation environment supports a wide range of industries





getting started

Deploying in London is straightforward



interconnecting your world: **20+ years of colocation experience**

Epsilon Telecommunications is a leading global software-defined network provider that offers a comprehensive suite of end-to-end connectivity and communication solutions, including colocation services, to the world's largest carriers and organisations.

With Infiny, our award-winning Network-as-a-Service (NaaS) platform, we enable seamless on-demand connectivity and colocation in top-tier facilities. Combined with a high-performance and extensive global network that spans Europe, the Middle East, the United States, and APAC, you can achieve complete agility and reach, truly interconnecting your digital world.

ready to take your colocation strategy further?

[talk to an expert →](#)

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