



building a connected colocation hub in Hong Kong



a practical guide to deploying scalable,
cloud-connected infrastructure across Asia

The acceleration of cloud adoption, rising user expectations, and growing application workloads are reshaping how digital infrastructure must be built and managed.

Organisations need a flexible, scalable, and resilient environment that supports private connectivity to multiple clouds, interconnection with ecosystem partners, and high-performance access to regional users.

This guide explains how deploying infrastructure in our Hong Kong colocation facility, combined with Epsilon's colocation and interconnection services, enables enterprises and service providers to build cloud-ready infrastructure in Hong Kong.

modern infrastructure needs

Digital services today must operate across distributed environments and maintain consistent performance regardless of geography.

Common challenges include:

- Unpredictable latency across public internet paths
- Difficulty scaling on-premises data centres
- Complex connectivity across clouds and partners
- Rising power and cooling demands for modern applications
- Increasing reliance on hybrid and multi-cloud architectures

To address these needs, organisations are shifting to carrier-neutral colocation hubs with strong cloud adjacency and flexible interconnection options.

why Hong Kong is a strategic hub



**Gateway to
Mainland China &
APAC markets**



**Access to
multiple global
cloud providers**



**Low-latency
connectivity across
APAC hubs**



**Home to
carrier-dense
ecosystems**



**Stable regulatory
and business
environment**

Epsilon Global Hubs Hong Kong

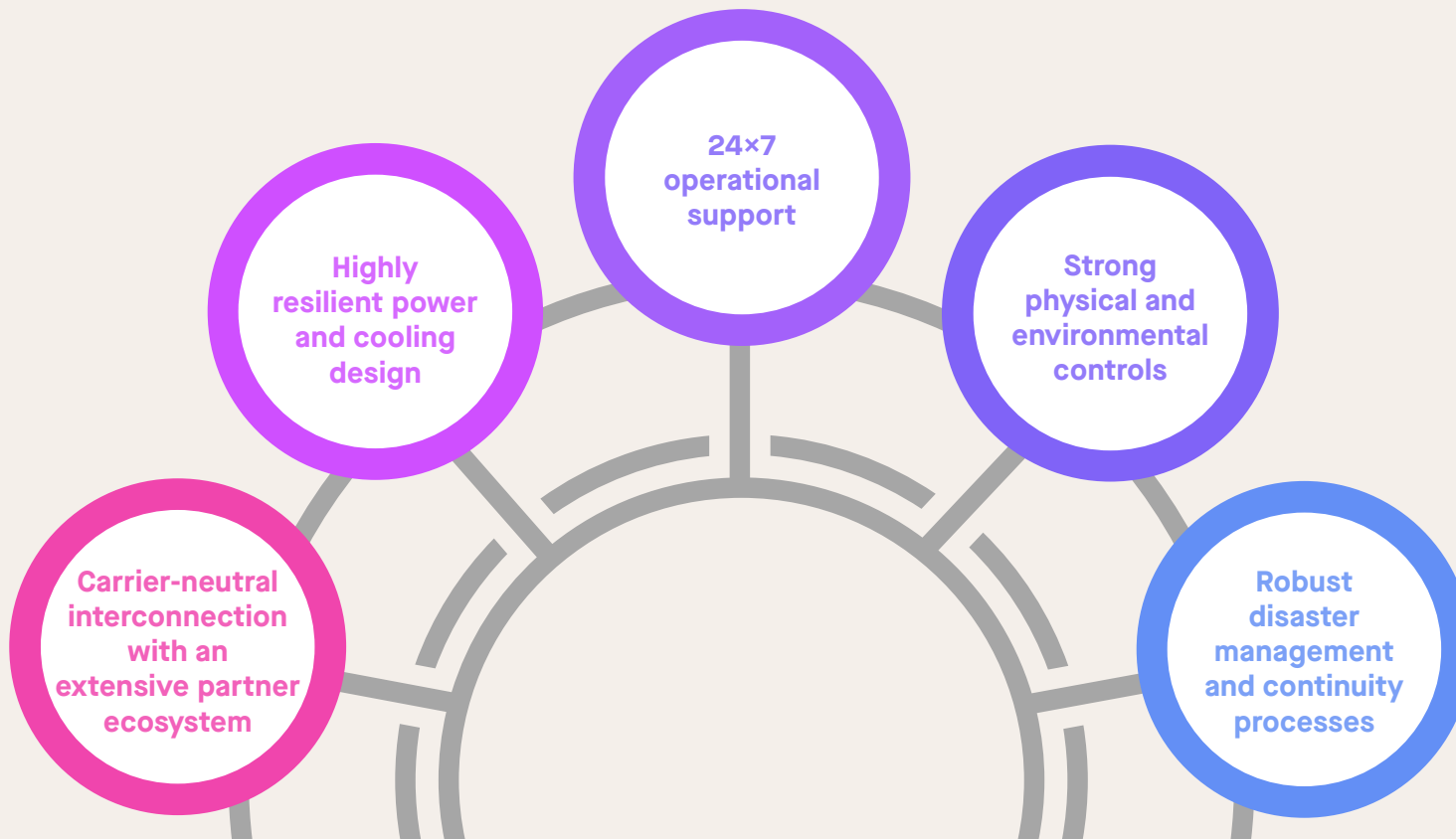
Located in Hong Kong's premier connectivity district at Chai Wan, MEGA-i is one of the region's largest and most interconnected carrier-neutral data centre.

Strategically positioned with direct access to major submarine cable systems and local exchange points, Epsilon Global Hubs (EGH) Hong Kong delivers resilient infrastructure and high-density connectivity, enabling enterprise and wholesale customers to establish a reliable regional hub for cloud-connected and colocated infrastructure.



advantages

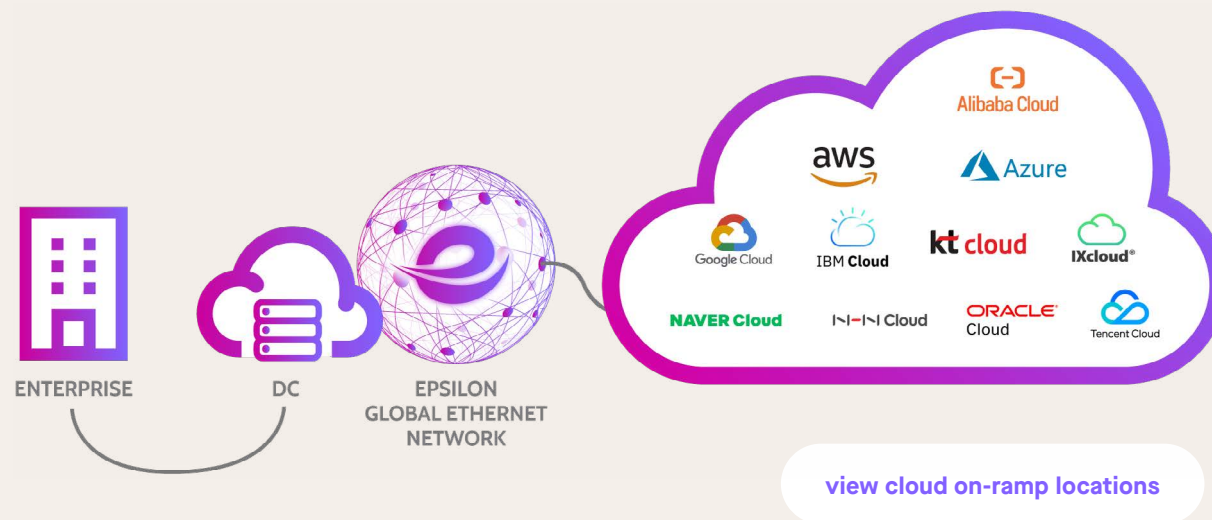
EGH Hong Kong provides a strong foundation for mission-critical deployments. These capabilities create a predictable, secure environment for cloud applications, enterprise workloads, and digital platforms



private cloud access via colocation

Private cloud connectivity works best when combined with colocated infrastructure. By hosting your servers and networking in a carrier-neutral data centre, you gain direct, reliable access to cloud environments without the unpredictability of the public internet. This ensures predictable performance, enhanced security, and resilient hybrid architectures.

Organisations increasingly adopt private, dedicated connectivity to leading cloud platforms to support hybrid and multi-cloud architectures. For example, many enterprises leverage Microsoft Azure, with Azure ExpressRoute enabling private, dedicated connectivity to Azure environments. Additional hyperscalers available include Amazon Web Services (AWS), Google Cloud, IBM Cloud, and Alibaba Cloud (Alicloud).



Private cloud connectivity enables



Predictable, high-performance
connectivity across cloud regions



Enhanced network security
through private, dedicated links



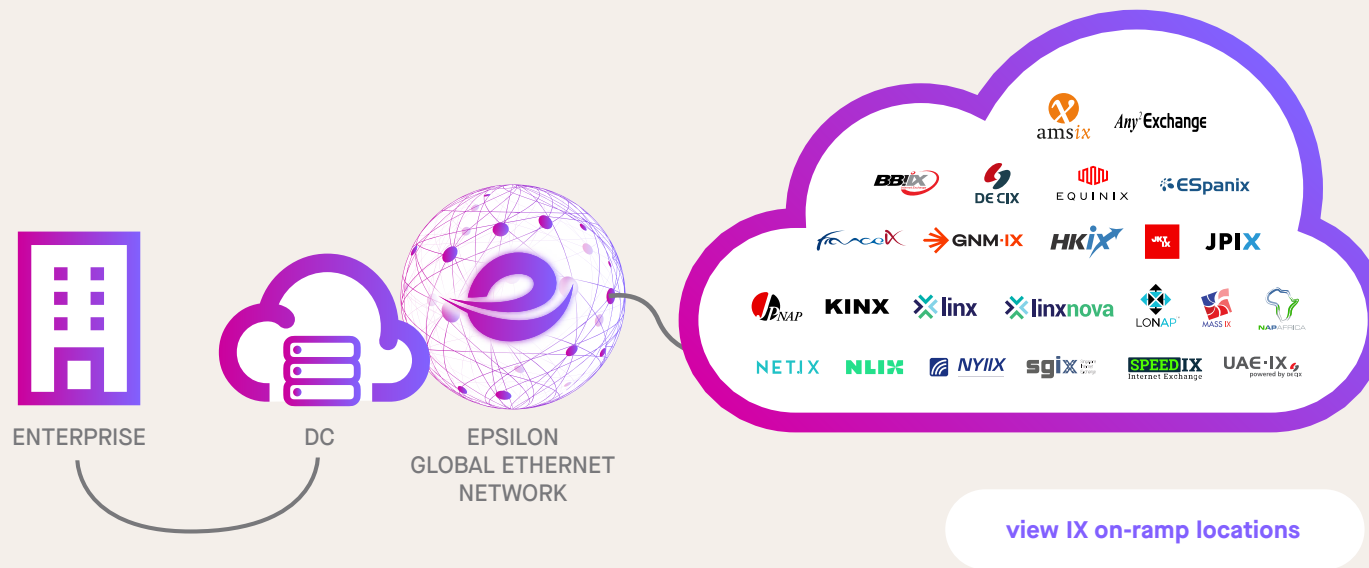
Consistent access for enterprise,
hybrid and multi-cloud workloads



Simplified management via
a single platform

remote peering

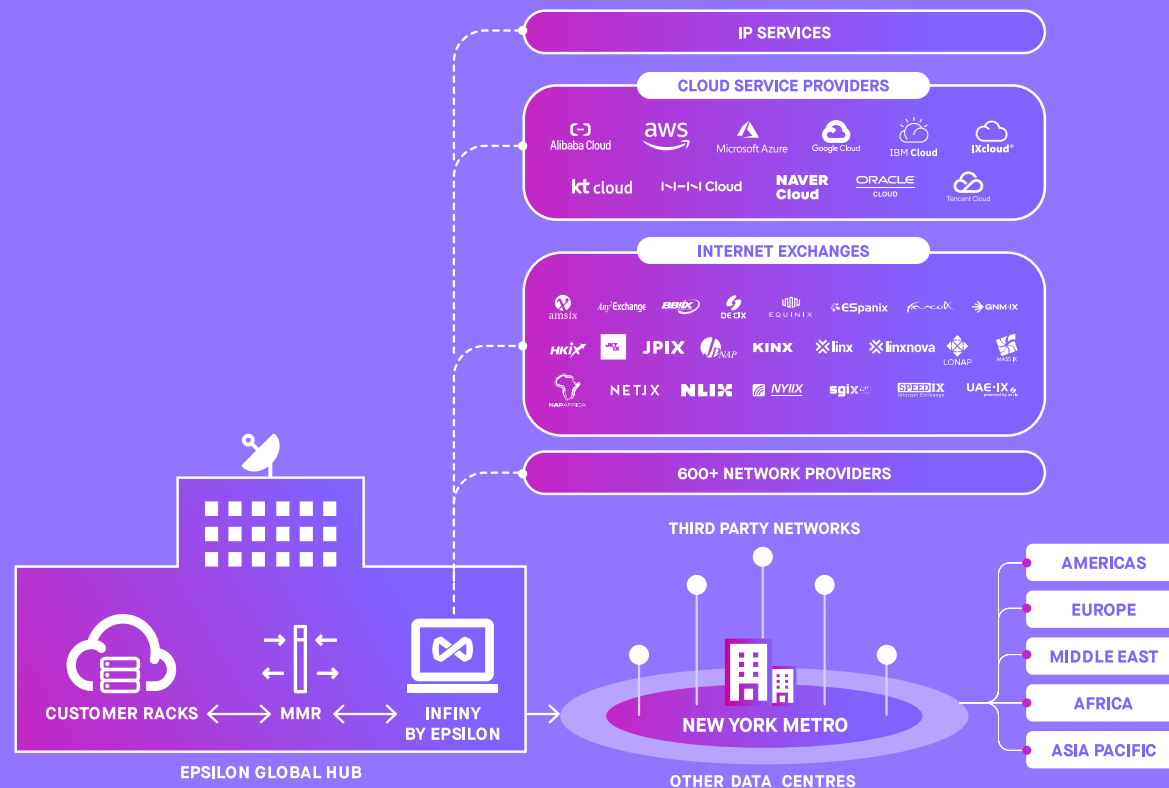
Colocated infrastructure allows organisations to leverage remote peering to internet exchanges without deploying hardware onsite. This extends the benefits of your Hong Kong deployment — lower latency, simplified management, and faster connectivity — directly from your colocated footprint.



Benefits

- Low-latency access for Hong Kong and regional users
- No physical infrastructure required onsite
- Route diversity and enhanced network resilience and redundancy
- Faster provisioning via automated software-defined platforms
- Access to HKIX, AMS-IX, Equinix IX, and BBIX through remote peering

scaling beyond Hong Kong



With Epsilon's global backbone and Network-as-a-Service platform, Infiny, deployments in our Hong Kong colocation facility can easily connect to:

- Other Asia Pacific hubs (Singapore, Tokyo, Seoul)
- European and U.S. data centres
- Cloud service providers worldwide
- Internet Exchanges globally
- Partner networks and carriers

This global reach enables organisations to scale colocated infrastructure across regions while maintaining predictable network performance.

A person is lying on their back on a sandy beach, using a laptop. They are wearing a hat and sneakers. The entire image is covered with a semi-transparent blue overlay. The background shows a calm sea and a distant shoreline with trees.

building a future-proof hybrid architecture

Strategic hybrid deployments at EGH Hong Kong enable:

- High-performance Azure connectivity
- Redundant multi-cloud access pathways
- On-demand extensions into additional data centres
- Simplified multi-provider management through a single platform
- Strong disaster recovery options via geo-diverse hosting

This architecture supports sustainable long-term growth for digital services across the region.

simplifying deployment

Epsilon offers several colocation bundles designed to streamline deployment

Colocation

+

100Mbps

Cloud Connect

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

Colocation

+

1Gbps

Remote Peering

Designed to enhance performance for applications distributed across Hong Kong and the wider region through low-latency interconnection.

Colocation

+

10Mbps

**IP Transit /
Internet Access**

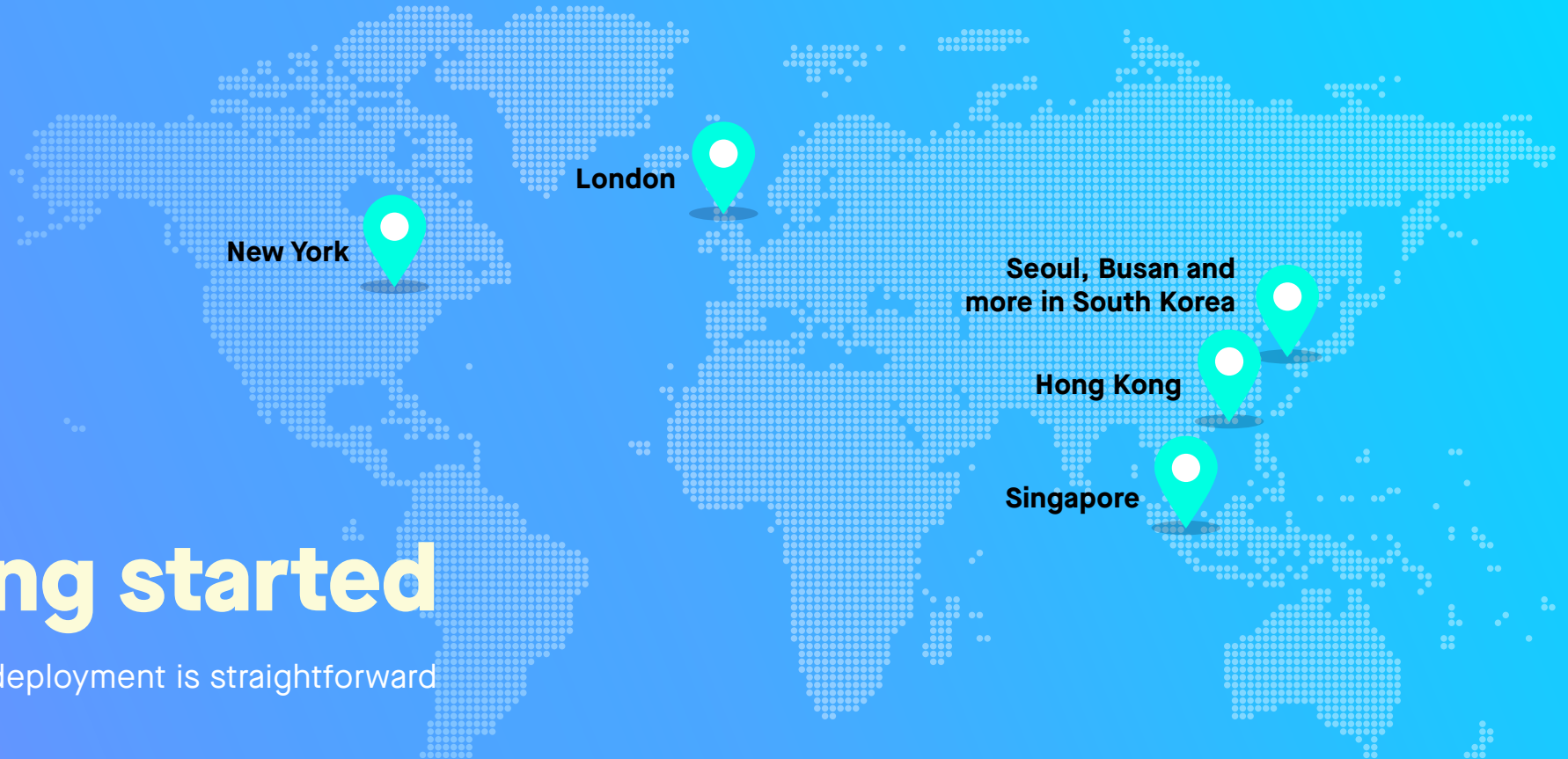
A flexible starter option suitable for smaller deployments or phased expansions

These pre-configured solutions reduce complexity, simplify provisioning, and accelerate time-to-value.

use cases

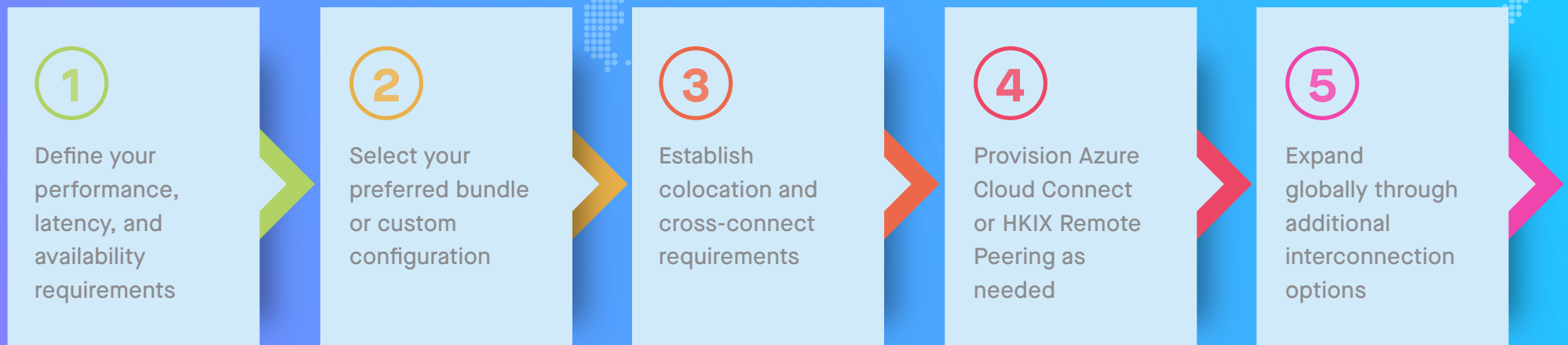
Sectors that benefit from colocating at our Hong Kong facility





getting started

planning your deployment 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 Asia, 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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