



Singapore Colocation: The Connectivity Engine of Asia



A practical guide to deploying scalable, cloud-connected,
and interconnection-ready infrastructure across Asia

Singapore is not just a place to host infrastructure. It is where infrastructure connects.

As digital ecosystems expand across Asia, enterprises are rethinking colocation as a connectivity decision, not a facilities decision. Performance, cloud adjacency, interconnection density, and network reach now define where infrastructure belongs.

Singapore sits at the centre of this shift.

It brings together cloud platforms, Internet Exchange ecosystems, global carriers, and regional subsea connectivity, making it one of the most strategic interconnection hubs in the world.

This guide explores how Epsilon Global Hubs Singapore enables organisations to build a connectivity-first colocation strategy that supports cloud, IP, Internet, and interconnection at scale.





Where Colocation Becomes Connectivity

Most colocation strategies start with space and power. Modern digital infrastructure starts with connectivity.

Today's applications are distributed across cloud environments, edge locations, and global user bases. This shift means infrastructure must be placed where it can actively participate in network ecosystems, not just sit inside them.

Key realities shaping infrastructure decisions today:

- Applications are no longer centralised
- Cloud environments are now multi-region and multi-provider
- Traffic flows are dynamic, not static
- User experience is defined by network paths, not just compute
- Interconnection has become a core infrastructure requirement

As a result, colocation is evolving into a connectivity platform; one that enables access to networks, clouds, and ecosystems.

Built for Interconnection Density

Singapore plays a unique role in Asia's digital infrastructure landscape.

It combines geography, regulatory stability, and ecosystem density to create one of the most connected environments in the region. It is a natural aggregation point for:

**Southeast
Asia traffic
flows**

**Global
cloud
on-ramps**

**Subsea
cable
systems**

**Carrier
and ISP
ecosystems**

**Internet
Exchange
environments**

For many organisations, Singapore becomes the central hub in their Asia connectivity architecture, not because of capacity alone, but because of connectivity proximity.

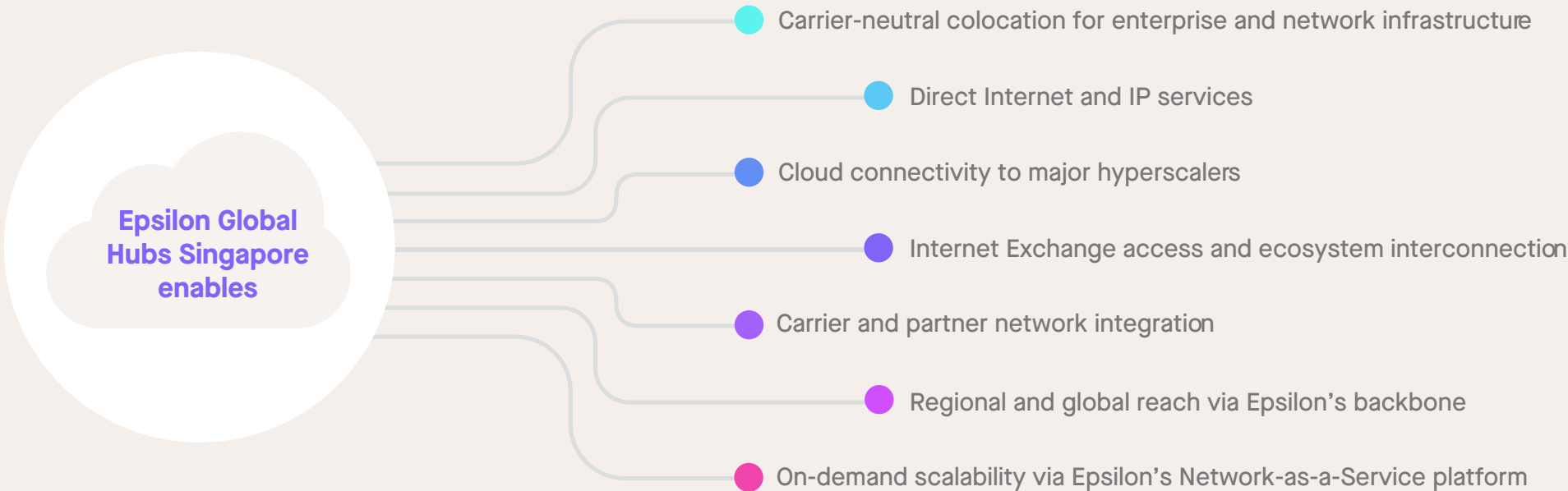


Epsilon Global Hubs Singapore

A connected colocation environment designed for organisations that need access to high-density connectivity ecosystems

Through strategic proximity to key hubs including SGIX, Equinix SG1, and Global Switch Singapore, customers can deploy infrastructure within reach of Asia's core interconnection fabric.

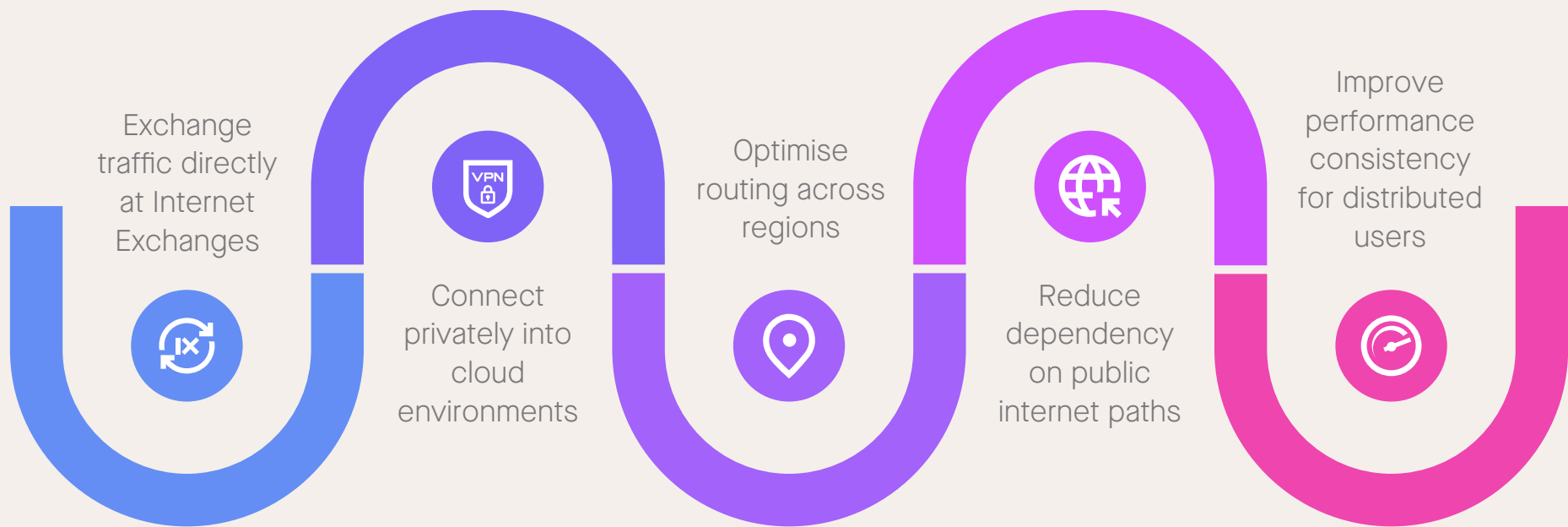
This enables organisations to combine physical infrastructure deployment with connectivity into networks, cloud platforms, and exchange ecosystems.



From Infrastructure to Ecosystem Participation

The value of colocation changes when it becomes interconnected.

Instead of hosting workloads in isolation, organisations can actively participate in digital ecosystems:



This shift turns colocation from a static infrastructure choice into a dynamic connectivity strategy.

Internet Exchange Proximity Matters More Than Ever

Internet Exchanges are central to modern traffic optimisation, enabling networks, cloud providers, and enterprises to exchange traffic efficiently, improve performance, and reduce transit dependency.

Epsilon's Singapore environment is designed to support proximity-based access to exchange ecosystems, enabling efficient interconnection and routing optimisation.

Key benefits include:



Lower latency
for regional
users



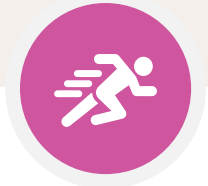
More efficient
traffic
exchange



Improved route
diversity and
resilience



Better
performance
for latency-
sensitive
applications



Faster
ecosystem
interconnection

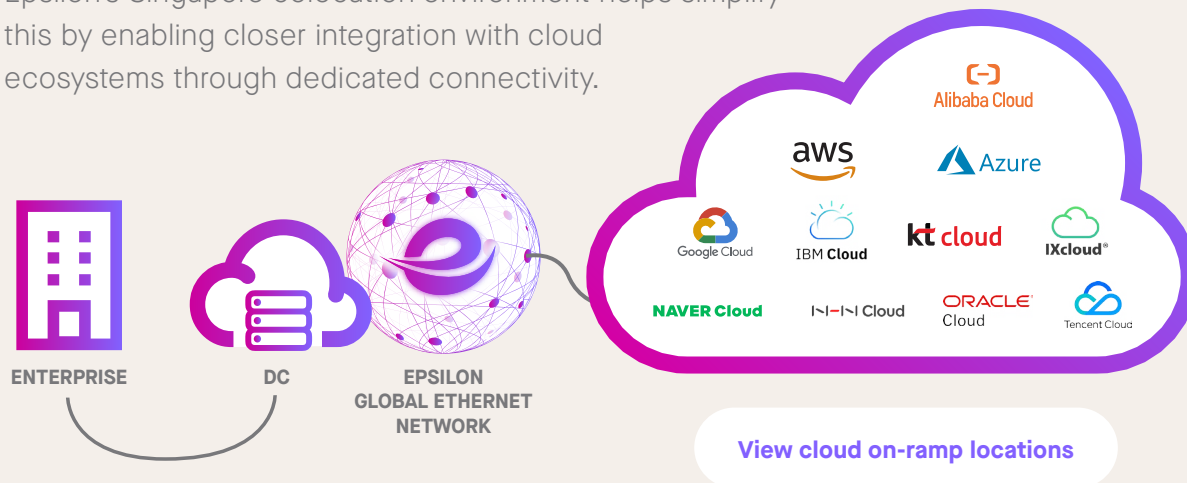
Customers can also extend beyond Singapore through remote peering to global exchanges including AMS-IX, Equinix IX, and BBIX.

Cloud Connectivity without Fragmentation

Cloud adoption is now the default, but cloud architecture is increasingly complex.

Most organisations operate across multiple cloud environments, regions, and connectivity models. This creates challenges around consistency, latency, and operational overhead.

Epsilon's Singapore colocation environment helps simplify this by enabling closer integration with cloud ecosystems through dedicated connectivity.



Customers can connect into major cloud platforms, such as AWS and Alibaba Cloud through Epsilon's connectivity services.

This supports:



Hybrid and multi-cloud architectures



Private connectivity into cloud environments



More consistent application performance



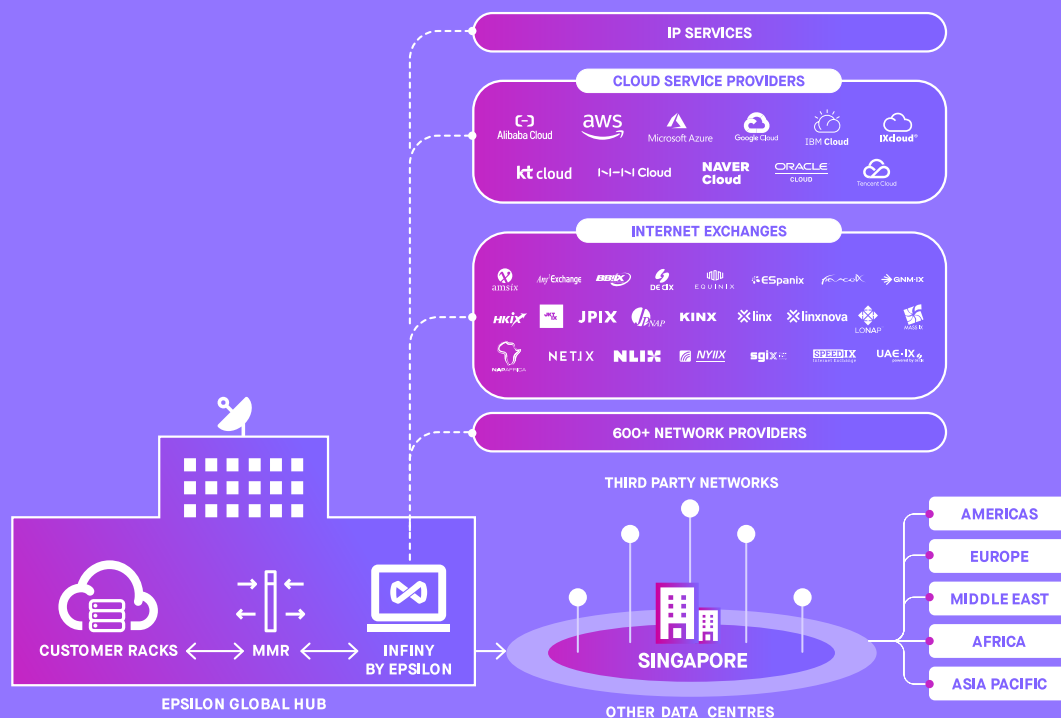
Reduced reliance on best-effort internet routing



Scalable cloud integration as needs evolve

Scaling Singapore into a Regional Platform

Singapore is often the starting point for broader regional infrastructure expansion.

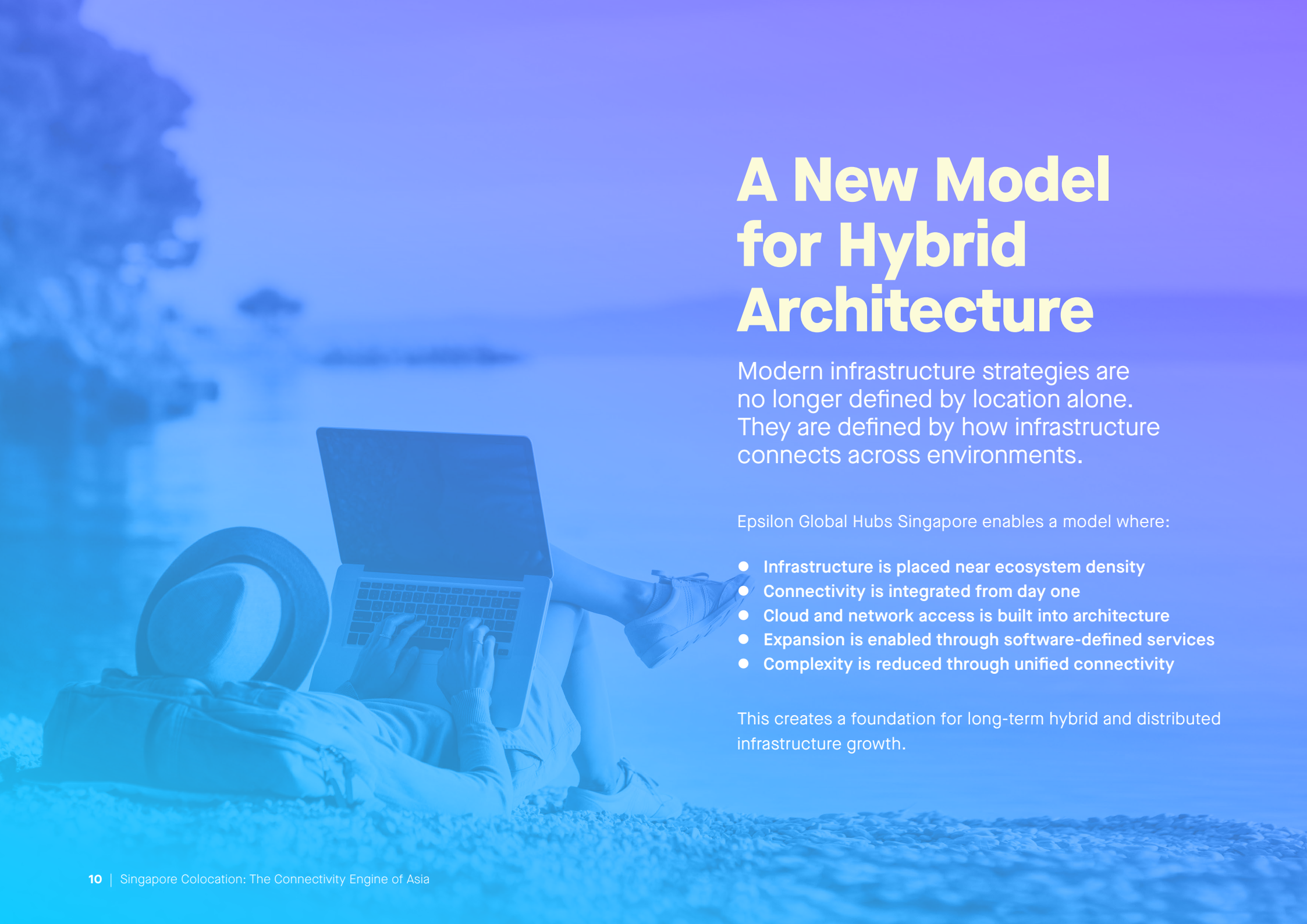


With Epsilon's global backbone and Network-as-a-Service platform, Infiny, Singapore deployments can extend into a wider ecosystem of connectivity across Asia and beyond.

This includes access to:

- Major Asia Pacific hubs
- Global cloud service providers
- International Internet Exchange ecosystems
- Carrier and partner networks
- Enterprise and service provider locations worldwide

This allows organisations to scale infrastructure without redesigning their connectivity model.

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

A New Model for Hybrid Architecture

Modern infrastructure strategies are no longer defined by location alone. They are defined by how infrastructure connects across environments.

Epsilon Global Hubs Singapore enables a model where:

- Infrastructure is placed near ecosystem density
- Connectivity is integrated from day one
- Cloud and network access is built into architecture
- Expansion is enabled through software-defined services
- Complexity is reduced through unified connectivity

This creates a foundation for long-term hybrid and distributed infrastructure growth.



Deployment Paths Made Simple

Many organisations prefer a practical deployment model that combines colocation with Internet, IP, and interconnection services to simplify deployment and accelerate time to value. Common deployment models include:

Colocation & Internet Access

A simple entry point for reliable Internet connectivity.

Colocation & IP Transit

For scalable global routing reach and resilient connectivity.

Colocation & Remote Peering

For high-performance interconnection and traffic optimisation.

Colocation & Cloud Connectivity

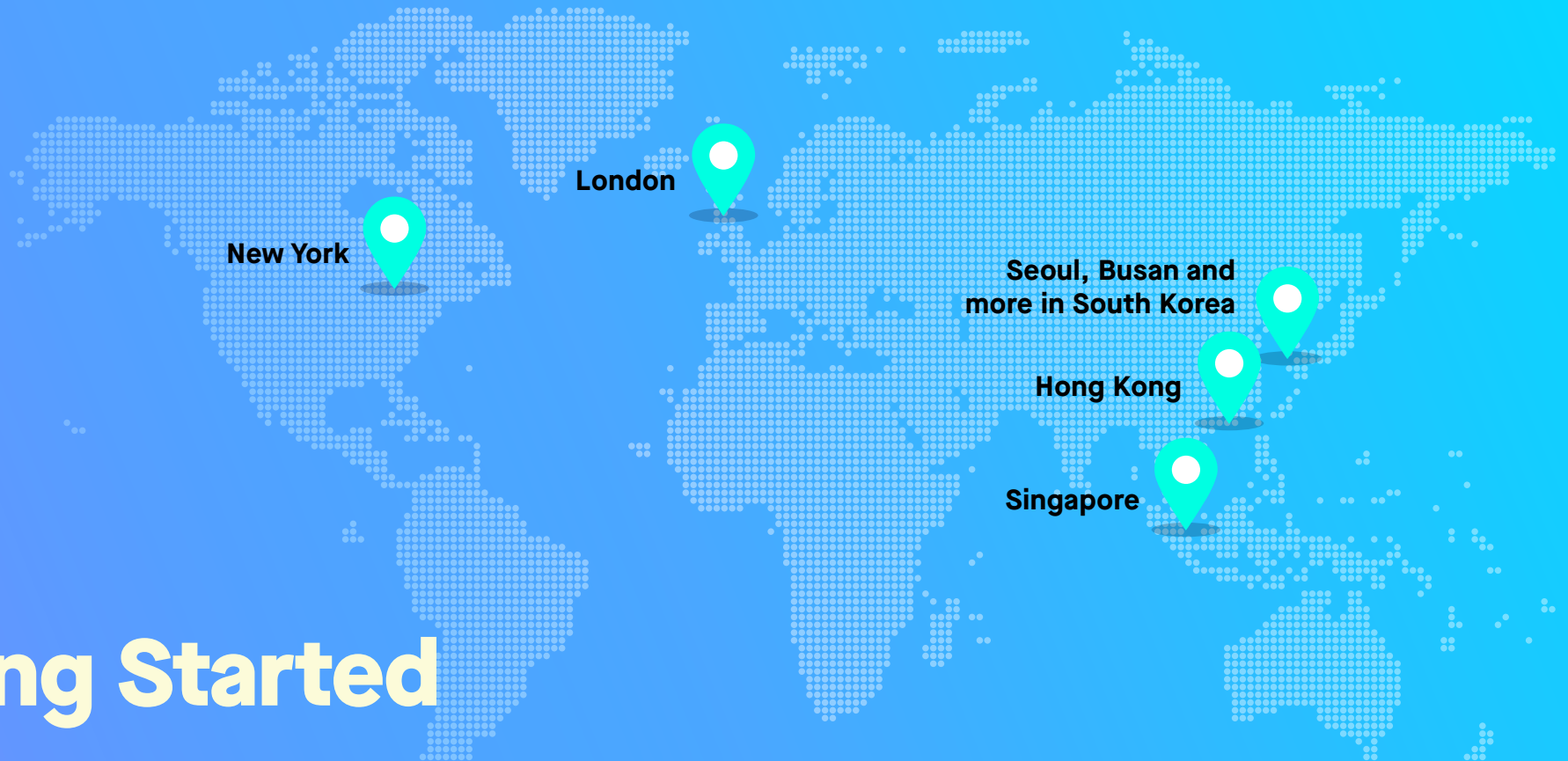
For hybrid cloud and multi-cloud integration.

These models allow organisations to start simple and scale connectivity as needed.

Use Cases Across Asia's Digital Ecosystem

Epsilon's colocation environment in Singapore supports a wide range of connectivity-driven use cases:





Getting Started



Interconnecting Your World: **20+ Years of Colocation Experience**

Epsilon Telecommunications is a global software-defined network provider offering a comprehensive suite of connectivity and communication solutions, including colocation, Internet, IP, cloud connectivity, and interconnection services. Through Infiny, its Network-as-a-Service platform, customers can access on-demand connectivity across a global network spanning Europe, the Middle East, the United States, and Asia.

Epsilon Global Hubs Singapore enables organisations to build a connectivity-first infrastructure base in one of Asia's key digital markets. By combining colocation with Internet, IP, cloud access, and interconnection services, customers can deploy infrastructure closer to the networks, platforms, and ecosystems that matter.

Ready to take your colocation strategy further?

[Talk to an expert →](#)

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