# Singapore Colocation

Carrier-grade colocation to meet growing demand for space, power and connectivity

## Overview

Epsilon Global Hub Singapore operates two carrier-grade colocation facilities, providing service providers and businesses with a strong presence in one of Asia Pacific's leading technology hubs. We are trusted by some of the world's largest companies and have served leading OTT providers, financial services, e-commerce companies and more.

Our colocation solution can be bundled with wide range of interconnection services for on-demand connectivity. Gain instant access to global data centres as well as cloud service providers and internet exchanges via with on-demand network orchestration capabilities via our global network fabric.

Epsilon colocation services help you to safeguard your mission-critical data with leading security and operational reliability. We offer full suite options and meet-me rooms as well as a portfolio of security, support and disaster management services for assurance. Our efficient and seamless model enables you to grow your business and expand your reach to new markets.

## Features

- Connectivity to data centres globally
- Managed Meet-Me Room (MMR)
- 24x7x365 protection delivered by expert engineers
- A global interconnect fabric including Service Providers, CSPs and IXs
- Access to an on-demand SDN and NaaS platform for rapid service orchestration
- Extend services with Wavelength, Ethernet, and IP Transit, gaining access to a portfolio that includes Cloud Connect, Remote Peering, and Voice products
- Diverse connectivity routes ensure premier service protection
- Customisable private suite/private cage and standard rack-space & cooling
- Remote Hands services and Disaster Management solutions
- ISO 27001 certified

## Epsilon Facts

600+ Cloud, IX, Network, and Technology Partners

•

20+ Years of Experience

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High Availability
with 99.999% Uptime

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On-demand SDN and
NaaS Platform

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24x7x365
Dedicated Global Support

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10TB Global Optical Backbone

# Benefits

**Cost-Efficient**
Maximise your business efficiency with a cost-effective hosting facility that provides flexible and scalable commercial options

**Highly Secure**
Our facilities are protected with redundant power supplies, multi-layered security, climate-controlled environments and robust Service Level Agreements (SLAs)

**Widely Interconnected**
Our facilities are strategically located, enabling you to rapidly connect to our wide ecosystem of network and partners

**Highly Customisable Options**
We offer flexible hosting options that support scalability as your business grows

**24/7 Monitoring & Management**
We ensure maximum uptime with around the clock maintenance and monitoring

**Reduced Complexity**
Secure your connectivity anywhere in the world and grow your global presence with Epsilon as your single provider of choice

# Why Choose Us?

**Comprehensive Cloud Infrastructure**
We are global experts in network infrastructure and cloud interconnect

**Consistent Global Hubs**
Our facilities in Singapore, Hong Kong, South Korea, London, and New York offer the same sets of services with a familiar business model that makes it easy to scale up

**Simplified Operations**
We reduce the number of service provider relationships by contracting with a single provider for your global infrastructure needs

**Customer Service Excellence**
We offer the same Epsilon customer service excellence at each of our facilities around the world
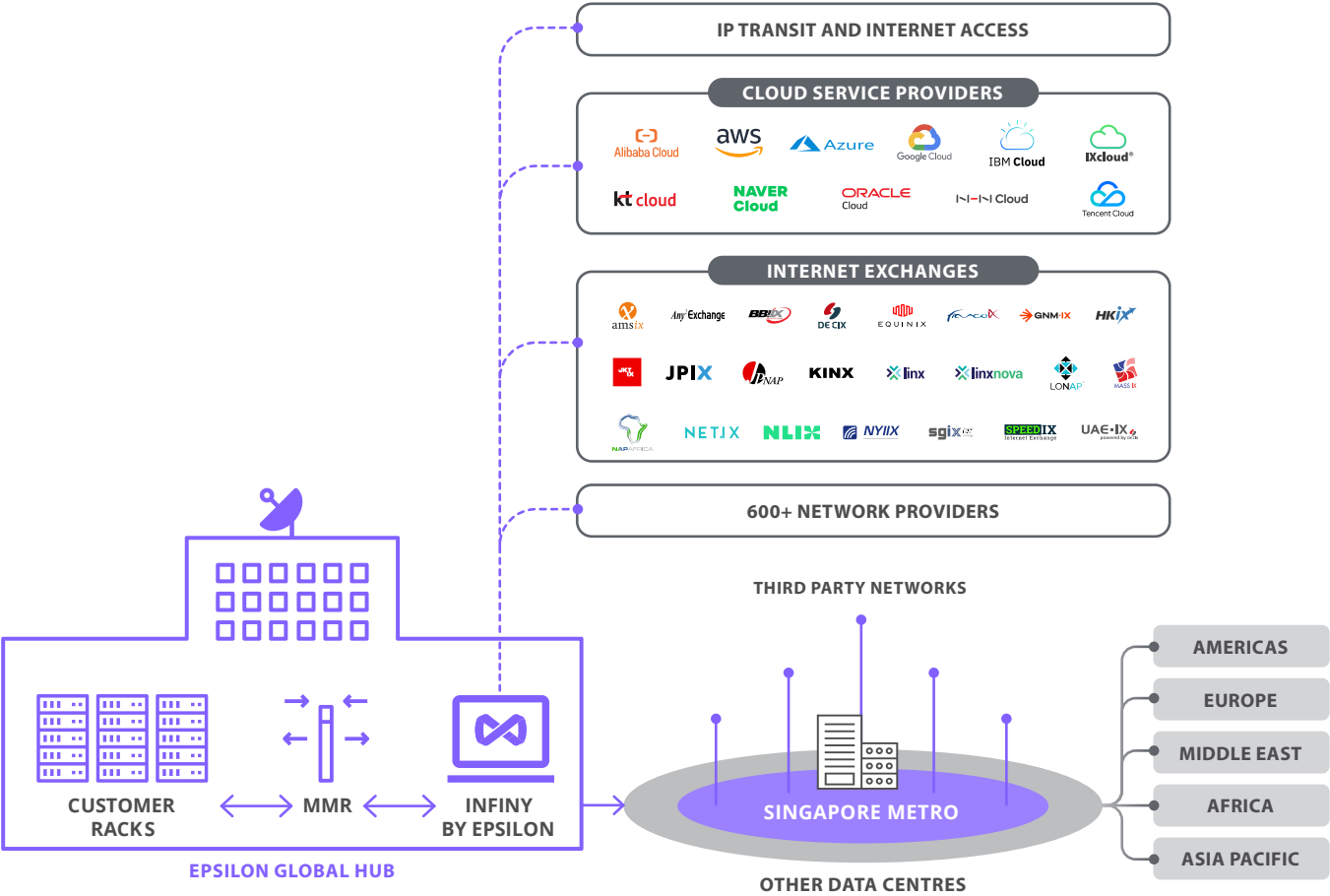
**Rapid Global Delivery**
Our interconnection solutions can be combined with Colocation to enable you to rapidly roll out new services globally with maximum speed and efficiency

**Bespoke Solutions**
Our Colocation solutions go beyond just our facilities. We can build and deploy solutions in data centres across the globe

**Market Place for Ordering**
You can easily bundle other network services along with Colocation to maximise your return on investment

"Epsilon Global Hub Singapore provides an excellent choice for power and connectivity to the world's fastest-growing region. We enable our customers and partners to take advantage of a thriving ecosystem by interconnecting new and existing networks, clouds, internet exchanges and business partners."

**Lee Prentice-Hall**
Global Infrastructure Manager
Epsilon

**IP TRANSIT AND INTERNET ACCESS**

**CLOUD SERVICE PROVIDERS**

Alibaba Cloud · aws · Azure · Google Cloud · IBM Cloud · IXcloud®
kt cloud · NAVER Cloud · ORACLE Cloud · NHN Cloud · Tencent Cloud

**INTERNET EXCHANGES**

amsix · Any2 Exchange · BBIX · DE-CIX · EQUINIX · IX · GNM-IX · HKIX
HKIX · JPIX · NAP · KINX · linx · linxnova · LONAP · MASS IX
NAPAFRICA · NETIX · NLIX · NYIIX · sgix · SPEEDIX · UAE-IX

**600+ NETWORK PROVIDERS**

**THIRD PARTY NETWORKS**

**CUSTOMER RACKS** ⟷ **MMR** ⟷ **INFINY BY EPSILON**

**EPSILON GLOBAL HUB**

**SINGAPORE METRO**

**OTHER DATA CENTRES**

AMERICAS
EUROPE
MIDDLE EAST
AFRICA
ASIA PACIFIC

# TECHNICAL SPECIFICATIONS

## New Tech Park, 151 Lorong Chuan

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|---|---|
| General | • Total White space: 12,900 sq ft<br>• Number of racks within the White space: 405<br>• Rack Dimensions: Mix of<br>  600mm x 1000mm x 45U<br>  600mm x 1200mm x 45U<br>  Full & 1/2 Racks Available<br>• Max power per footprint:<br>  Mix of 3kW<br>  Up To 5kW |
| Flooring | • Loading: 7.5Kn/sqm<br>• Type: Raised - Heavy duty anti-static HPL tile<br>• Cavity: 400mm |
| Power | • Incoming power: 1,995kW<br>• Rack Voltage: 230V |
| Generator | • Design: 3 x 1.5MVA Units working in N+1 Configuration<br>• Fuel capacity:<br>  3x 1,000L Day Tank<br>  1x 4,000L Bulk Tank<br>• Run time:<br>  6 hours<br>  8 hours<br>• Refuel: 6 hours |
| UPS | • Design: N+1<br>• Number of units:<br>  7x 180kW<br>  3x 270kW<br>  2x 360kW<br>• Batteries: VRLA Batteries<br>• Autonomy: 15mins |
| Site security & Access | • Building security guard: Yes<br>• Facility security guard: Yes<br>• Online Access Booking: Yes<br>• Access control system: Yes<br>• CCTV: Yes |
| Rack Power Delivery | **Power Design**<br>Dual Diverse 230V AC Power Distribution<br>(1 set of A&B Feeds)<br>*Option 1:*<br>- 32 amp breakers. Per feed.<br>(Subject to contract kVA subscription and rack location)<br>*Option 2:*<br>- 16 amp breakers. Per feed.<br>(Subject to contract kVA subscription and rack location)<br><br>**Power Delivery at Rack**<br>*Option 1:*<br>- 32 amp C form – Commando sockets. Per feed.<br>Located above rack.<br>*Option 2:*<br>- 2 x 16 amp C form – Commando sockets. Per feed.<br>- Located above rack or under raise floor depending<br>on area.<br><br>**Power Distribution Within Rack Per A & B Feed**<br>*Option 1:*<br>- SMART Metering (Epsilon use only)<br>- Vertical power distribution unit (PDU)<br>- 12 x C13 Sockets outlets.<br>- C13 per socket rating 6.3 amps.<br>*Option 2:*<br>- Customer supplied PDU.<br>- Inline SMART Meter (Epsilon use only)<br>- 32 amp C Form (Commando Socket) |
| Environmental Temperature Controls | • Design: N+1<br>• Hot / Cold Aisle working: Yes<br>• Hot / Cold Aisle containment: Mix<br>• Air Delivery - Temperature to Rack: 23 degrees<br>• Air Delivery - To rack: Underfloor - Vented tiles |
| Fire Detection & Suppression | • Suppression Type: Combination FM200,<br>  Pre-action sprinkler - Dry pipe<br>• Detection: Yes, HSSD<br>• Suppression: Yes |

## Techlink, 31 Kaki Bukit Road 3

| | |
|---|---|
| General | • Total White space: 1,550 sq ft<br>• Number of racks within the White space: 50<br>• Rack Dimensions: 600mm x 1200mm x 47U<br>• Max power per footprint: Up To 5kW |
| Flooring | • Loading: 7.5Kn/sqm<br>• Type: Raised - Heavy duty anti-static HPL tile<br>• Cavity: 400mm |
| Power | • Incoming power: 200kW<br>• Rack Voltage: 230V |
| Generator | • Design: 3 x 1.5MVA Units working in N+1<br>  Configuration (Shared)<br>• Fuel capacity:<br>  3x 900L Day Tank<br>  2x 25,000L Bulk Tank<br>• Run time:<br>  3 hours<br>  24 hours<br>• Refuel: 4 hours |
| UPS | • Design: 2N<br>• Number of units: 3x 1MVA (Shared)<br>• Batteries: VRLA Batteries<br>• Autonomy: 10mins |
| Environmental Temperature Controls | • Design: N+1<br>• Hot / Cold Aisle working: Yes<br>• Hot / Cold Aisle containment: Yes<br>• Air Delivery - Temperature to Rack: 23 degrees<br>• Air Delivery - To rack: Underfloor - Vented tiles |
| Site security & Access | • Facility security guard: Yes<br>• Access control system: Yes<br>• CCTV: Yes |
| Fire Detection & Suppression | • Suppression Type: Combination FM200,<br>  Pre-Action sprinkler - Dry pipe<br>• Detection: Yes, HSSD<br>• Suppression: Yes |
| Rack Power Delivery | **Power Design**<br>- Dual Diverse 230V AC Power Distribution<br>(1 set of A&B Feeds)<br>- 32 amp breakers. Per feed.<br><br>**Power Delivery at Rack**<br>- 32 amp C form – Commando sockets. Per feed.<br>  Located under raise floor.<br><br>**Power Distribution Within Rack Per A & B Feed**<br>*Option 1:*<br>- Inline SMART Meter (Epsilon use only)<br>- Vertical power distribution unit (PDU)<br>- 12 x C13 Sockets outlets.<br>- C13 per socket rating 6.3 amps.<br>*Option 2:*<br>- Customer supplied PDU.<br>- Inline SMART Meter (Epsilon use only)<br>- 32 amp C Form (Commando Socket) |

## Contact Us

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