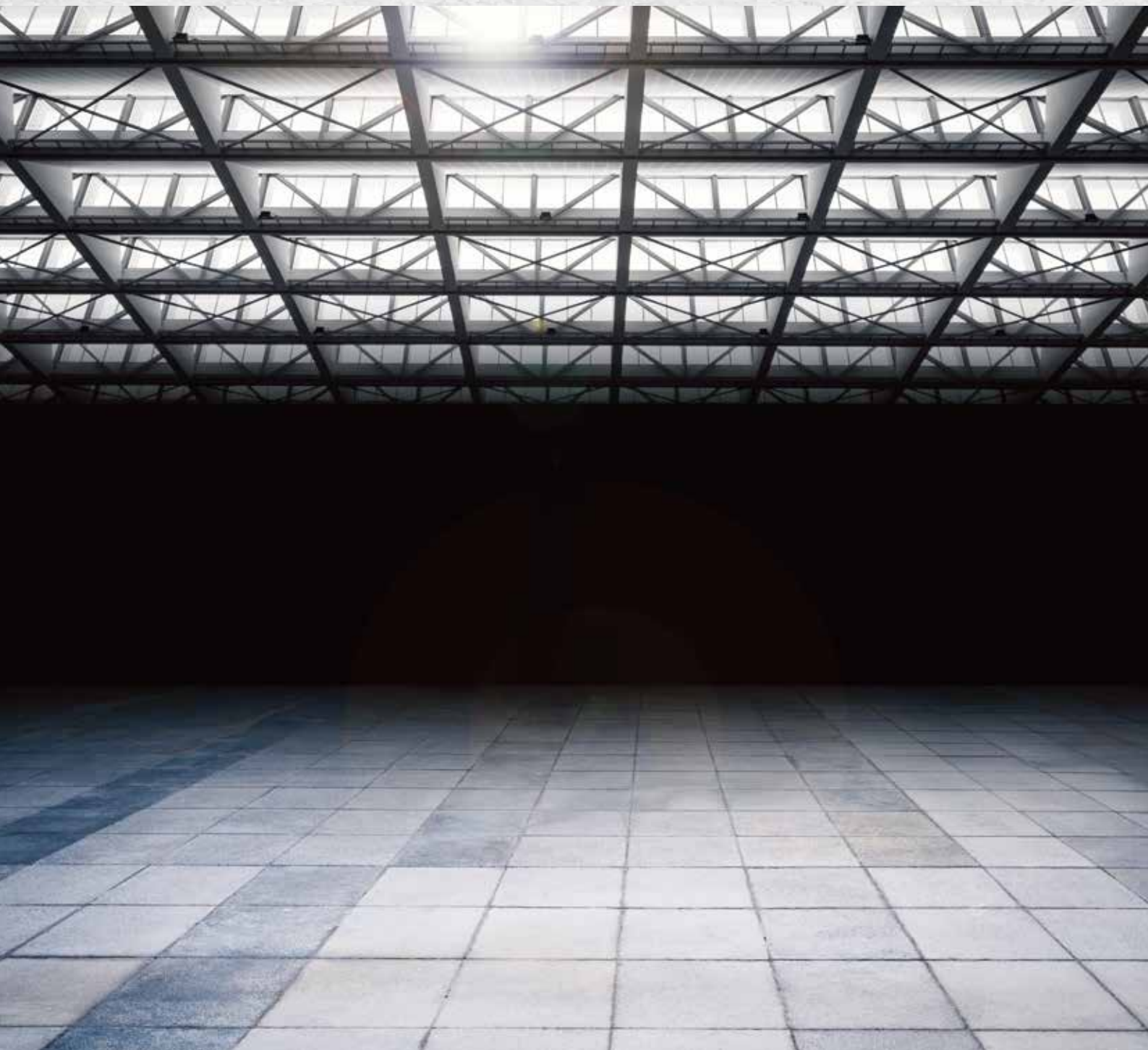




# SecureNet Ethernet



## Carrier Ethernet

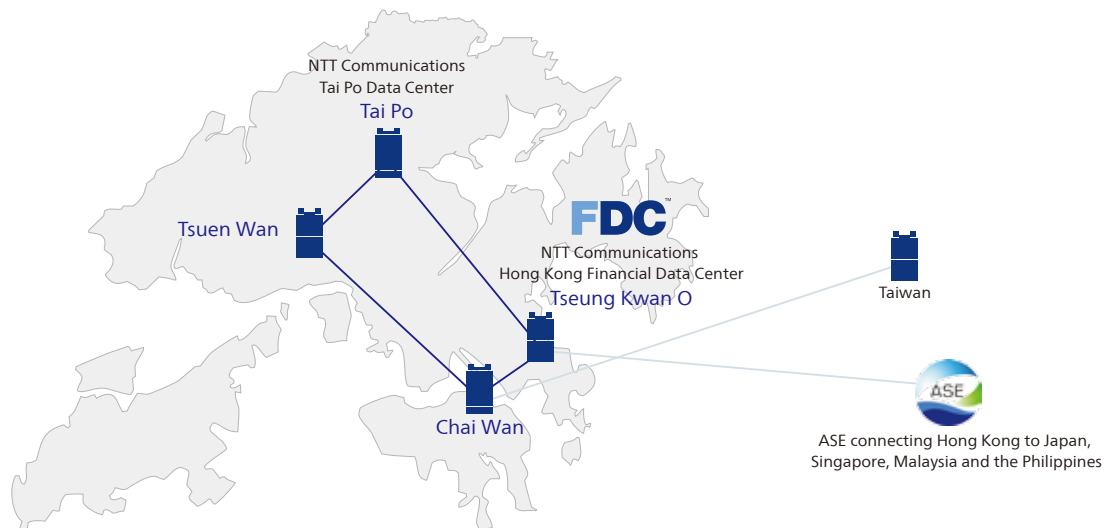
HKNet **SecureNet Ethernet** integrates the benefits of traditional Ethernet into a new generation carrier-class network, with extensive network connectivity with major cities in Asia.

Certified by MEF Carrier Ethernet 2.0 (CE 2.0), the service leverages highly advanced Provider Backbone Bridging - Traffic Engineering (PBB-TE) technology to accelerate Ethernet network speeds. It offers optimized quality, a higher level of security, better fault isolation and improved Quality of Service (QoS), and is backed by industry-leading Service Level Agreements (SLAs).

We help our customers to reliably and seamlessly connect with their data centers, local and overseas offices, as well as their cloud infrastructure. Our network coverage spans across Asia, including Hong Kong, Taiwan, Macau, China, India and other major countries.



### Network PoP in Hong Kong



Our Ethernet service has several Points of Presence (PoPs) at our data centers in Hong Kong, including Tseung Kwan O Financial Data Center and Tai Po Data Center.

We also have PoPs in our partners' data centers in Tsuen Wan, Chai Wan and Taiwan. We will proactively extend our network PoP and coverage to other regions to support our customers' expansion needs in Asia.

HKNet SecureNet Ethernet offers two types of services: **e-Line** (Point-to-Point) and **e-LAN** (full-mesh).

Both services offer standardized definitions of specifications for bandwidth, resilience and service multiplexing, allowing customers to compare service offerings service level agreements (SLAs).

## Key Benefits

### Seamless Connectivity

- Offering one-stop integration with other SecureNet data network services across different layers of the Open Systems Interconnection (OSI) model for any-to-any connectivity, from point-to-point to full-mesh network topologies.
- Simplicity of the Carrier Ethernet with VLAN and Layer-2 control protocol transparency eliminates routing complexity for our customers.

### Low Latency

- Industry-leading latency of less than 1.2 milliseconds round-trip delay (RTD) between any two PoPs in Hong Kong for high-performance connectivity.

### Multi-Cloud Access

- Interconnectivity with our network partners provides customers easy access to major Cloud platforms, including Microsoft Azure and Amazon Web Services.

### High Flexibility and Scalability

- Highly customizable, end-to-end solution offers greater flexibility in terms of bandwidth, SLAs, bundled service options, and local billing options.
- Our highly scalable bandwidth, ranging from 1Mbps to 10Gbps, addresses changing business needs.
- Parent company NTT Communications' wide network coverage and strong relationships with local carriers eliminates carrier lock-in worries and offers the flexibility to connect to other carriers' network seamlessly.

### Wide Coverage

- Connects to major cities in Asia, key data centers and global business centers using NTT Communications' wide network coverage.

### Robust Security

- All major PoPs are securely located at NTT Communications data centers, and is backed by our 24 x 7 x 365 Security Operation Center management for a peace of mind.

## Features and Specifications\*

### Service Coverage

- Hong Kong, Taiwan, Macau, China, India and other major cities in Asia

### Types of Ethernet Service

- **e-Line:** Provides point-to-point service with only two sites, and is an option that can save backbone and network resources
- **e-LAN:** Provides any-to-any service for multiple sites and support future expansion

### Interface Presentation

- 10/100/1000BASE-T (RJ45)
- 1000BASE-SX (LC or SC)
- 1000BASE-LX (LC or SC)
- 10GBASE-SR (LC or SC)
- 10GBASE-LR (LC or SC)

### Bandwidth

- 1 to 10 Mbps in 1 Mbps increments
- 10 to 100 Mbps in 10 Mbps increments
- 100 to 1000 Mbps in 100 Mbps increments
- 1 to 10 Gbps in 1 Gbps increments

### Service Level Agreement (SLA)

- 99.95% SLA provided on PoP to PoP network availability

### Customer Support

- 24 x 7 x 365 Customer Support

### Optional Services

- Class of Service (CoS)
- Network Interface Device (NID)
- End-to-end monitoring
- Customer Portal

\* Features and specifications of the service are subject to availability at each location



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## NTT Com Asia Limited

Tel: (852) 3793 0288 | Fax: (852) 2918 0800

Email : [marketing@ntt.com.hk](mailto:marketing@ntt.com.hk)

Website: [www.ntt.com.hk](http://www.ntt.com.hk)

