Hong Kong
Tseung Kwan O (TKO)
Data Center

Promotion

Exploring Success Together

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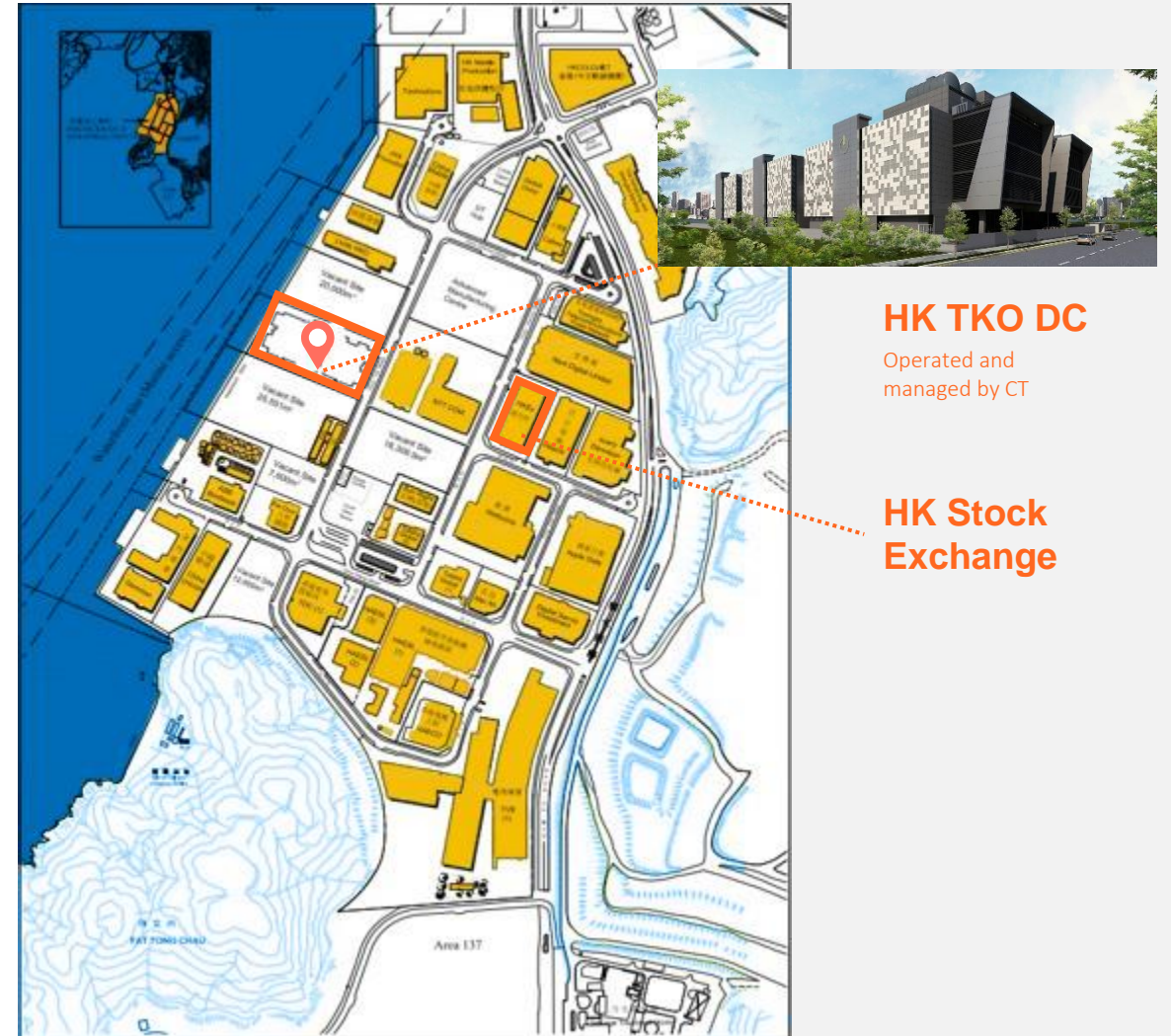
General Introduction

Tseung Kwan O Data Center, HK

The Hong Kong Mega-I Data Center is located on Hong Kong Island and is the most popular Carrier Hotel in Hong Kong. It is very convenient to interconnect with domestic and international operators. It is an important access for mainstream cloud vendors.

- TIA942 Standard: Tier III
- N+N UPS redundancy design + 15 mins full load battery
- N+1 CRAC and hot aisle design
- PUE = 1.7
- CT transmission pop in MMR connect to local service provider such as PCCW, HKBN, HGC.

- Over 200+ Telco carriers, ISP, and other types of service providers connected by submarine cable systems from all over the world, easy for the customer to select and connect with their preferred network service providers
- Fiber duct and cable basket on the top of the cabinet connect to the MMR

HK TKO DC
Operated and managed by CT

HK Stock Exchange

TKO Technical Specification

Main Structural Features

- 6m slab to slab height
- Raised floor height of 900mm
- Minimum height from raised floor: 4.3 m
- Floor loading of 15kN/m²
- 2 goods lift (5 tones), 7 passenger lifts
- 600mm x 1200mm x 45U cabinet

Security

- Data center operation in 24x7x365
- Security guard patrols 24x7x365
- Data Hall CCTV records kept for 90 days
- Comprehensive intruder detection and alarms to all areas
- Perimeter intrusion detection systems (PIDs)
- Access control using proximity card readers and biometric systems
- Physical access via mantrap

Power

- Initial 11kV utility supply with different Power Station, N+1 Redundancy
- Utility power support capacity of 100MVA
- IT power and mechanical systems supplied by on-site diesel rotary UPS
- Fully diverse power distribution to technical areas
- Dedicated dual incoming power supply
- On-site fuel storage to support 24 hours at full capacity with 24x7x365 fuel delivery
- Providing high power density (up to 5KW/rack)

Cooling

- Central Chiller Plant, N+1
- Diverse chilled water raisers
- CRAC cooling equipment, CRAC corridor

Fire Detection & Suppression

- Analogue addressable fire detection system in all areas
- VESDA aspirated early warning smoke detection system
- Integrin gas suppression system in technical areas

Connectivity

- Carrier Neutral
- Meet Me Room on each floor
- 2 diverse building entry points
- Diverse cable routes and pathways

Value Added Services

Network Service

Free Wi-Fi
Internet access
Cross connect
Lease line
MPLS VPN
CDN
Cloud service

Remote Hand Service

Basic Service
Advance service
Customized service

Supporting Service

BCP Seats
Customer office
Stage room
Storage room
Meeting room

Customer Service

24x7 customer hotline
Customer portal
Reporting service

Security Service

Anti DDOS service
Disaster recovery service
Network device management
Network monitoring

Carriers & Service Providers

- Carrier Neutral

- Strong ongoing relationships with multiple international and regional Tier 1 carriers and ISPs

- Situated close to major submarine cable landing stations

- Proven track record for creating network dense, low latency environments within the data center

- Bespoke connectivity options managed by specialist Global Switch Customer Services team

Our Carriers & Service Providers

HKT

中国电信 CHINA TELECOM

HGC

PCCW

香港寬頻 HONG KONG BROADBAND NETWORK

superloop

TRAXcomm

TGT Towngas Telecom

WTT

CHINA TELECOM AMERICAS

TKO Promotion Details

Location: 18 Chun Yat Street, Tseung Kwan O Industrial Estate, Hong Kong

MRC: Up to 10% off 3 KVA/Rack and 20% off 4 KVA/Rack

Overdraw Power: 30% off per KVA

Internet to China: 30% off per M for bandwidth <=30M

Min Contract Terms: 24 months

Promotion Period: June 8, 2021 – December 31, 2021

PI Annually: 3% after contact terms

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