TELEHOUSE hkcolo.net

TELEHOUSE HONG KONG CCC
Cloud Computing Complex

Carrier Neutral | Cloud Neutral | Cable Landing Station

Redefine Connectivity
Assure Security

Innovating Connectivity
Ensuring Global Reliability and Security

ANSI/TIA-942-C-2024 FACILITIES Rated-4 hkcolo.net TIER 4

The first
data center in APAC
certified by TIA-942 as
Rated 4/ Tier4

www.telehouse.com.hk

CLOUD COMPUTING COMPLEX - CCC

Redefine Connectivity Assure Security

Innovating Connectivity, Ensuring Global Reliability and Security

TELEHOUSE Hong Kong Cloud Computing Complex (CCC) is operated and managed by HKCOLO.NET Limited (HKCOLO). HKCOLO.NET operates CCC under the brand name “Telehouse Hong Kong CCC”. CCC is located in the Tseung Kwan O Industrial Estate managed by the Hong Kong Science and Technology Parks (HKSTP) and is one of the largest and most technologically advanced Carrier and Cloud Neutral data center in Hong Kong providing Enterprise data center solutions, as well as a Cable Landing Station for international data connectivity. CCC is TIA-942 certified Rated 4/ Tier 4 facility, ensuring 99.999% availability, with redundancy in every component.

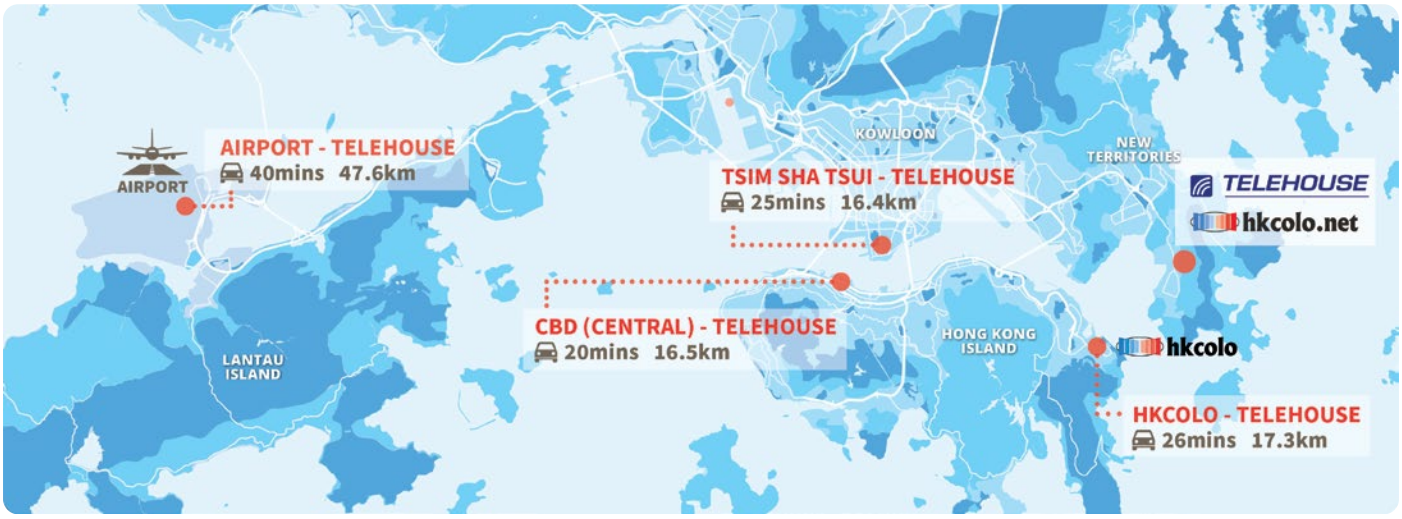
CCC operates to the highest availability uptime, offering high-quality services that meet the highest industry standards. And with minimal to no risk of natural disasters in the vicinity, CCC is most ideal for securing mission-critical electronic operations.

bsi
ISO/IEC 27001 Information Security Management CERTIFIED
IS 596001
ISO/IEC 20000-1 Service Management CERTIFIED
ITMS 596000

ATTRACTIVE DATA CENTER & CABLE LANDING STATION (CLS) LOCATION

ACCESSIBILITY

High Accessibility and Convenient Location



WHAT SETS US APART

Reliability Built In. Growth Ready.

Our data center blends secure location, resilient infrastructure, and round-the-clock expertise to deliver trust at every level. With robust power and cooling, carrier-neutral connectivity, and strict compliance with global standards, we enable scalable, future-ready solutions that let businesses operate confidently and expand without compromise.

Strategic Location

Low-risk, well-connected site ensuring security, resilience, and proximity to financial hubs and key infrastructure.

- No high-risk facilities nearby and not under flight path
- Proximity to HK Stock Exchange DC and TKO Submarine Cable Landing Point
- Proximity to emergency facilities, hotels, shopping malls, subway
- Located outside Flooding Blackspot Area
- Low risk of natural disaster in Hong Kong

Robust Facility

Purpose-built, disaster-resistant structure with reliable utilities and capacity to host heavy equipment securely.

- Building is wholly owned and managed
- Ease of lead-in for utility services
- Building is designed to withstand earthquake/ wind gust
- Good slab-slab height and floor loading
- Good structural slab loading for placing heavy equipment

Proven Capability

Low-risk, well-connected site ensuring security, resilience, and proximity to financial hubs and key infrastructure.

- 60 years combined experience in data center
- Operated by skilled engineers 24 x 7
- Manned by Security Guards 24 x 7
- Ample capacity to grow your IT infrastructure
- Capacity and infrastructure to support AI workloads and containerized solutions

Reliable Service

Purpose-built, disaster-resistant structure with reliable utilities and capacity to host heavy equipment securely.

- N+1/2N Power and N+1 Cooling design
- Carrier & Cloud Neutral
- Tailored colocation solutions to suit needs
- Committed to sustainability and compliance with data sovereignty laws
- Built on TELEHOUSE global standards for seamless experience

NETWORK & EXCHANGE PROVIDERS

Partnering with leading FTNS and Internet Exchange providers, we deliver unparalleled connectivity, scalability, and seamless cloud access for businesses.

FTNS

HGC GLOBAL COMMUNICATIONS

香港寬頻 HONG KONG BROADBAND NETWORK | 企業方案 Enterprise Solutions

PCCW® 電訊盈科

TRAXcomm

TGT Towngas Telecom

xenith IG

INTERNET EXCHANGE

HKIX

Internet service availability from different service providers including HKIX. HKIX is a neutral and professional layer-two settlement-free Internet exchange point based in Hong Kong for faster and cost effective interconnections among different networks on Internet. Exchange traffic locally without a need to route it overseas.

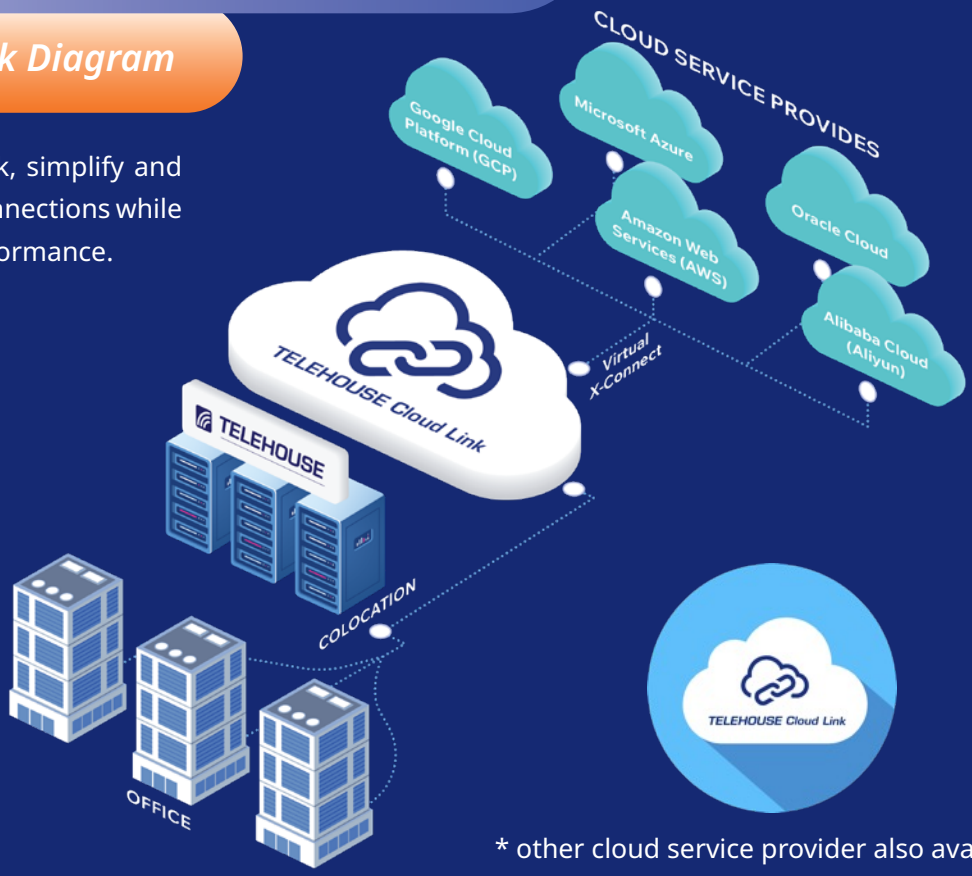
JPIX

JPIX (Japan Internet Exchange) is a neutral layer-two settlement-free Internet exchange in Japan. It enables faster interconnections among networks and local traffic exchange, reducing latency and costs by avoiding overseas routing.

TELEHOUSE CLOUD LINK

Cloud Link Network Diagram

With Telehouse Cloud Link, simplify and safeguard global cloud connections while accelerating last-mile performance.

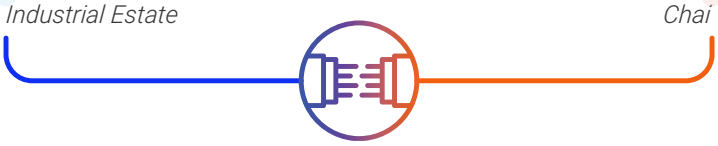


* other cloud service provider also available

SERVICE & NETWORK DIVERSITY

TELEHOUSE CLOUD COMPUTING COMPLEX
Tseung Kwan O Industrial Estate

SINO FAVOUR CENTER CARRIER COLOCATION CENTER
Chai Wan



TKO EXPRESS

Dedicated short-path diverse interconnectivity between two data centers, to quickly provide your business with unparalleled, scalable and flexible core network connections.

CONNECTIVITY SERVICES

Direct connectivity to multiple carriers, cloud and internet service providers, including sub-sea cables.

HKIX5, JPIX

Major Internet Exchanges like HKIX5 and JPIX provide ultra-fast, reliable peering, enhancing traffic efficiency, resiliency, and overall network performance throughout Asia's digital ecosystem.

TKO Express

TKO Express offers a low-latency, diverse subsea route from Tseung Kwan O to major cable stations, strengthening both regional and international network resilience.

Telehouse Cloud Link

Telehouse Cloud Link delivers secure, managed connectivity that simplifies and accelerates global cloud interconnections while ensuring optimal last-mile performance and robust network reliability.

Cross Connect

Cross Connect solutions enable direct, high-performance interconnections between carriers, clouds, and enterprises, providing seamless connectivity within our robust data center ecosystem.

Bandwidth, Leased Line, IPLC

Dedicated bandwidth, leased line, IPLC, and dark fiber services ensure secure, high-capacity, and scalable connectivity vital for enterprise and carrier-grade operations.

COLOCATION SERVICES

Neutral colocation services in a highly secured, redundant and neutral environment. Our facilities are designed to give your business the scale and flexibility as your business grows.

Standard Cabinet Spaces

Our 42–52RU lockable cabinets provide 2–7kVA power density, delivering secure, scalable, and efficient environments for enterprise IT infrastructure deployment.

Secured Cages

Custom secured cages provide private, configurable environments with enhanced physical security and operational control to meet evolving enterprise technology and compliance requirements.

Dedicated Suites

Dedicated suites deliver exclusive, customizable data center spaces with strong privacy, resiliency, and scalability, supporting enterprises' security and long-term growth strategies.

Build-to-Suit

We design and deliver Build-to-Suit data center solutions tailored to specific operational, security, and compliance needs, ensuring lasting efficiency and scalability.

Cable Landing Station

Our carrier-neutral Cable Landing Station near Tseung Kwan O integrates CLS and data center facilities, minimizing latency and ensuring reliable international connectivity.

MANAGED SERVICES

We offer reliable, cost-effective managed services. Our skilled team, supported by advanced tools, manages operations and delivers responsive 24/7 support for customers' evolving needs.

Demuxing

Our demuxing service simplifies global connectivity and traffic distribution, providing a cost-efficient, hassle-free way for enterprises to expand network nodes in Hong Kong seamlessly.

Engineering Support

Our expert engineers deliver end-to-end network planning, configuration, deployment, and operations, enabling enterprises to build secure, efficient, and future-ready networks for sustainable success.

Self-Service Portal

Our intuitive self-service portal provides real-time visibility, system monitoring, and resource management, empowering customers with transparency, efficiency, and agility in daily data center operations.

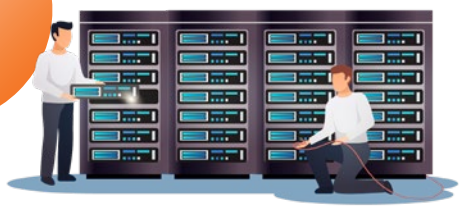
IT Support

Custom-built secured cages provide private, flexible, and compliant environments within our data center, ensuring enhanced physical security and operational control for evolving enterprise technology needs.

Remote Hands & Eyes

Available 24x7, our Remote Hands & Eyes service ensures expert onsite technicians handle troubleshooting, equipment checks, and maintenance, enabling customers to focus confidently on priorities.

TECHNICAL SERVICES



Our Technical Services deliver end-to-end solutions covering migration, cabling, hardware, and secure decommissioning, empowering enterprises with seamless transitions, operational reliability, and complete lifecycle support for their data center environments.

Migration & Relocation

We provide expertly planned migration and relocation services that minimize risk and downtime, ensuring seamless IT transitions while maintaining business continuity and performance integrity.

Structured Cabling

We design and maintain structured cabling systems that support high-speed, reliable, and scalable connections, creating an efficient foundation for mission-critical IT and business operations.

Hardware Purchase

Our hardware procurement service sources cost-effective, enterprise-grade equipment from trusted vendors, ensuring scalable, reliable performance and simplified deployment for evolving infrastructure demands.

e-Waste Disposal

We deliver secure, eco-friendly e-waste disposal services, decommissioning outdated hardware responsibly to protect data, comply with standards, and support environmental sustainability initiatives.

Data Destruction

Our certified data destruction service uses secure, compliant methods to eliminate sensitive information, ensuring complete data irrecoverability and protection of enterprise intellectual assets.

FACILITY FEATURES

MORE THAN JUST A FACILITY

MAIN GATE

BUILD-TO-SUIT

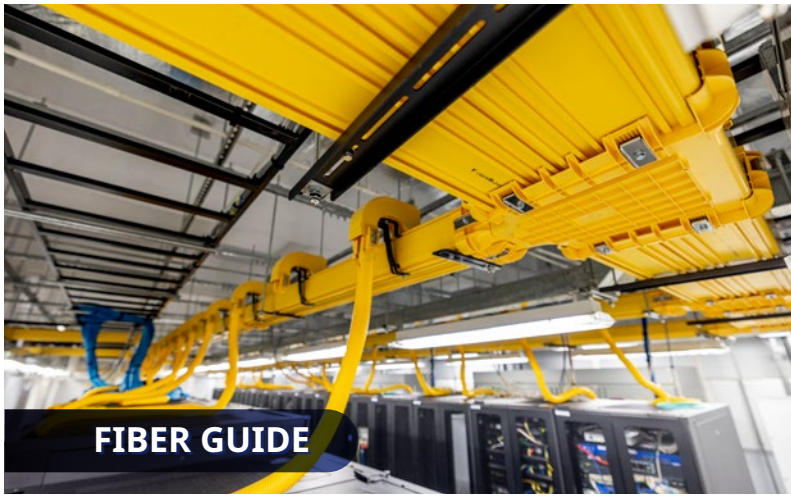
STANDARD CABINET SPACES

SECURED CAGES

CCTV

SECURED CAGE

SECURITY ACCESS



FIBER GUIDE

FIRE SYSTEM

BATTERY ROOM

COOLING TOWER

GENSET

SPECIFICATIONS

BUILDING FEATURES

No. of Data Hall Floors	3
Gross Floor Area	33,829m^2
Floor to Beam	2.9 - 4.3m
Floor Loading	750 - 2,000kg/m^2
Standard Cabinet	42RU x 600mm x 1072mm
Colocation Solutions	Standard Cabinet, Secured Cages, Dedicated Suites, Build-to-Suit, Cable Landing Station (CLS)

POWER

Power Capacity	40 MVA
Power Density per Cabinet	2.0kVA - 7.0kVA
Power Feed	Diverse feed - 32A AC power supply with IEC60309 commando
Voltage	220V/single-phase, 380V AC three-phase available upon request
UPS	N+1/2N with 15 mins battery backup
Battery Backup at Full Load	15 minutes
Transformer & Generator	N+1/2N
Fuel Storage	24-hours on-site fuel supply

COOLING

Cooling System	Water Cool System
Cooling Design	N+1
CRAC	N+1
Temperature	18°C to 27°C
Relative Humidity	30% to 70%

FIRE & WATER LEAKAGE SYSTEM

Fire System	FM-200/NOVEC
Smoke Alarm	VESDA | Cross zone smoke detectors
Water Leakage Detection	Water leakage detection with circuit and location type detector

SECURITY

Physical Security	24 x 7 x 365 Security Guards
Surveillance	24 x 7 x 365 Digital CCTV
Access Control	Card key with PIN and other security control. Emergency exits are wired with alarms

CONNECTIVITY

Point-of-Entry (PoE), TBE, MMR	Dual PoE, TBE & Meet-Me-Room
FTNS	HGC Towngas Telecom HKBN Traxcomm Limited PCCW Xenith IG
Internet Exchange	HKIX5 JPIX

TECHNICAL SUPPORT

Technical Operations Center (NOC)	24 x 7 Control Center & Technical Support, provides first level Remote Hands & Eyes and higher level of Engineering Support Services

GLOBAL DATA CENTER LOCATIONS

Telehouse operates over 45 data center sites around the world, delivering a consistent level of high quality service. These include following:

Canada

- Toronto 151 Front St West
- Toronto 250 Front St West
- Toronto 905 King Street West

United States

- New York Teleport
- New York Chelsea

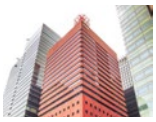
France
- Paris Voltaire
- Paris Magny
- Paris Magny 2

United Kingdom
- London North
- London North Two
- London East
- London West
- London South

Germany
- Frankfurt

China
- Beijing BDA
- Beijing BEZ
- Shanghai Zhangjiang
- Shanghai Jinqiao

Japan
- Sendai
- Oyama
- Tokyo
- Nagoya
- Osaka
- Fukuoka



Hong Kong
- Hong Kong CCC

Turkey
- Istanbul

Singapore
- Singapore

Thailand
- Bangkok

Vietnam
- Hanoi

About HKCOLO.NET

HKCOLO.NET Limited provides neutral colocation data center services in Hong Kong, primarily catering to financial institutions and enterprises. It operates Telehouse Hong Kong Cloud Computing Complex (THK-CCC), one of the largest and technologically advanced data center facilities in Hong Kong and the Asia Pacific. HKCOLO.NET is a partnership between the HKCOLO Group and KDDI Corporation, operating under the global Telehouse brand. HKCOLO.NET is focused on sustaining its leadership position by leveraging its high-reliability infrastructure and its strong commitment to operational excellence.

About TELEHOUSE

TELEHOUSE is a leading global data center service provider that brings together a diverse range of more than 3,000 business partners including carriers, mobile and content providers, enterprises, cloud providers and financial services companies. Established in 1989 by Fortune 500 telecommunications company KDDI, Telehouse operates more than 45 data centers worldwide and provides reliable, secure, and flexible colocation solutions, enabling organizations to accelerate speed to market and create business opportunities through fast, efficient and secure interconnections.

Telehouse Quick Facts

3,000 CUSTOMERS WORLDWIDE

From some of the world's **largest multinationals** to small and medium-sized enterprises doing business **locally**

Including mobile operators, cloud service providers and content platforms, **as well as financial institutions, manufacturers, and retailers**

Over 45 Data Centers in 10+ Countries

Located **across the globe** in the North America, Europe and APAC regions

Adheres to more than **300 standards** for facility specification, operation and service provision

MORE THAN 30 YEARS OF INDUSTRY-LEADING EXPERIENCE

CARRIER-NEUTRAL

1,000+

Connectivity Partners

560,000+ SQUARE METRES OF SPACE

From a **single half-rack** to large, **dedicated suites**

99.999% UPTIME SLA

AVG OF 20 MVA POWER PER DATA CENTER

This material was made in Jul 2026. The pictures and technical data inside are only for reference. HKCOLO.NET Limited reserves the right to change these specifications without prior notice and owns the final explanation right.

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