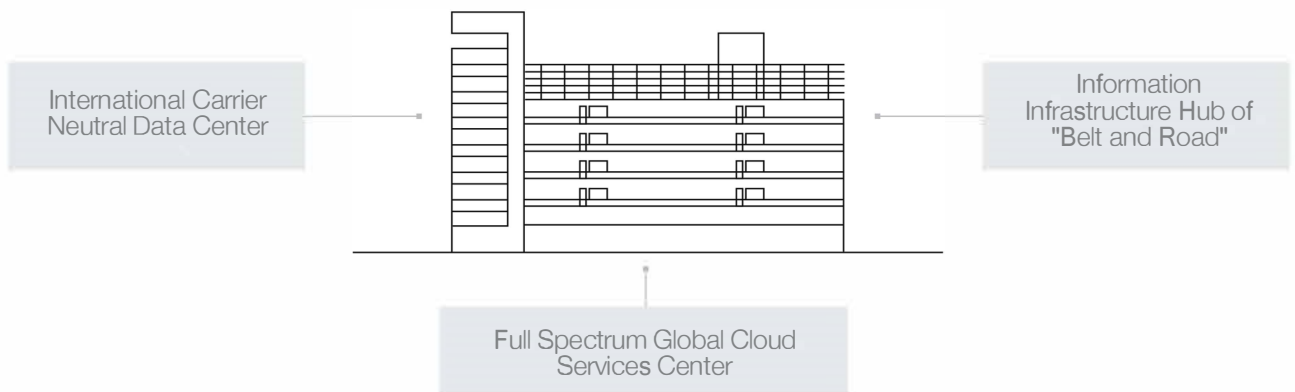
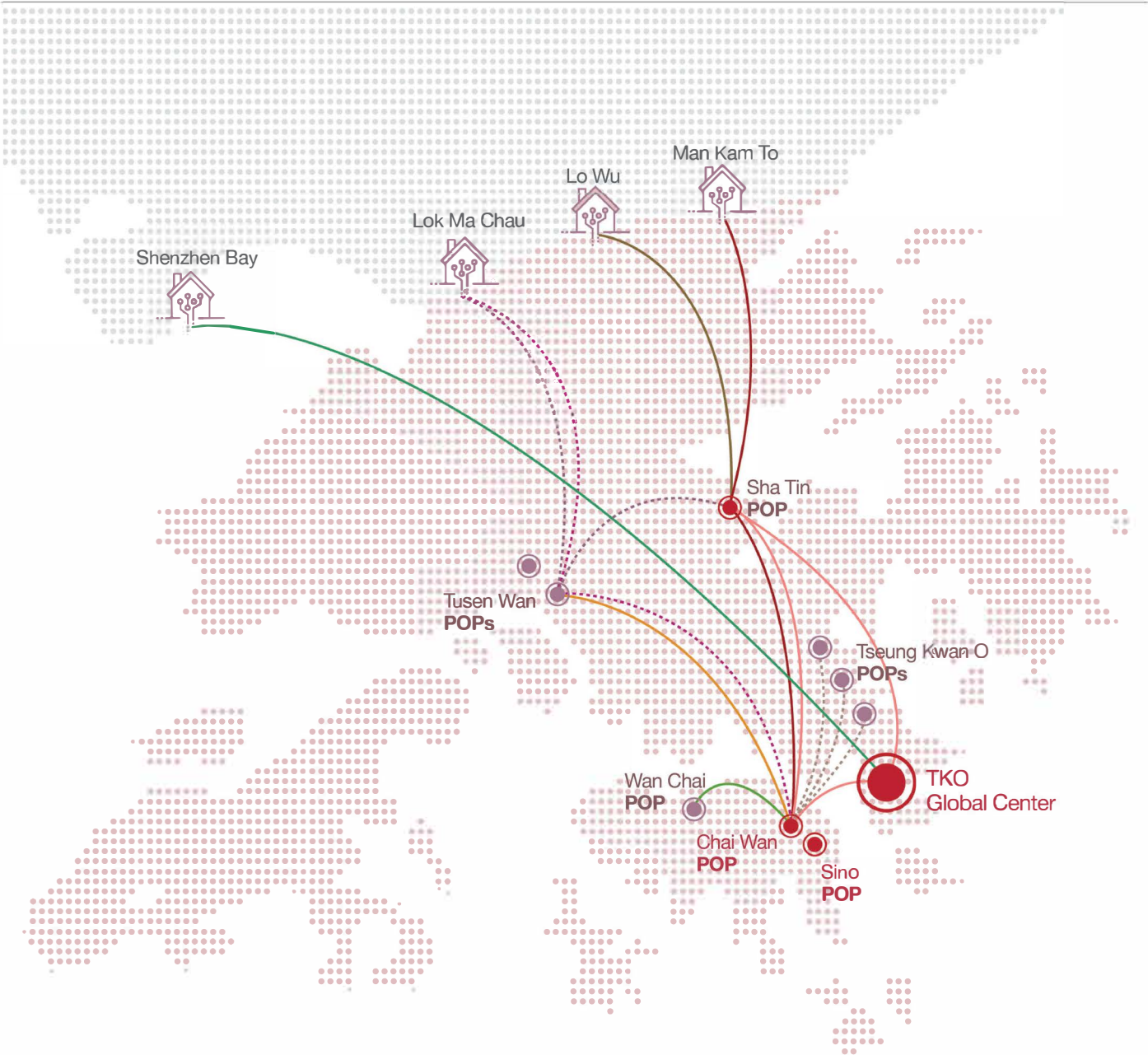




China Unicom (Hong Kong) Global Center is the largest overseas integrated telecommunications facility of Chinese operator. Leveraging on China Unicom's extensive global network coverage, Global Center offers premium colocation services and reliable end-to-end global integrated communication solutions, including global connectivity services, global Internet access, ICT services, cloud computing, Internet of things (IoT) for global carriers and customers from private and public organizations in Hong Kong, Mainland China, Asia Pacific and beyond.



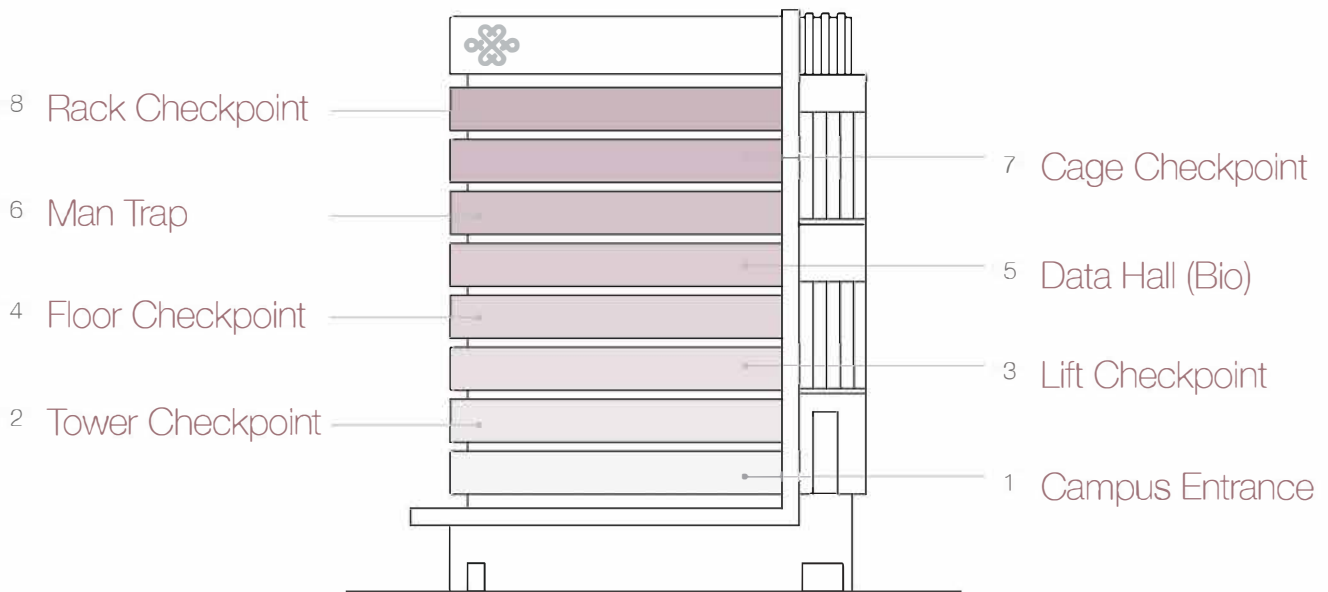
Multi-Route to China



Global Center Highlights

- 1 Largest overseas integrated telecommunications facility of Chinese operators
- 2 Connects to China Unicom's Backbone and Global Networks
- 3 Colocates with Submarine Cable Landing Stations and interconnects China Unicom's IDCs and PoPs globally
- 4 Uptime Institute Tier III Design & Construction
- 5 U.S. Green Building Council (USGBC), LEED Green Building - Gold
- 6 ISO27001 Information Security Management System
- 7 High power and cooling capacity (average 6KVA / rack, max. 20KVA / rack)
- 8 Around 30 mins travel time from Central (HKCBD) to our IDC
- 9 Around 45 mins travel time from China/Hong Kong border or Hong Kong Airport to our IDC

Security Access Checkpoints



4 standard data halls per floor

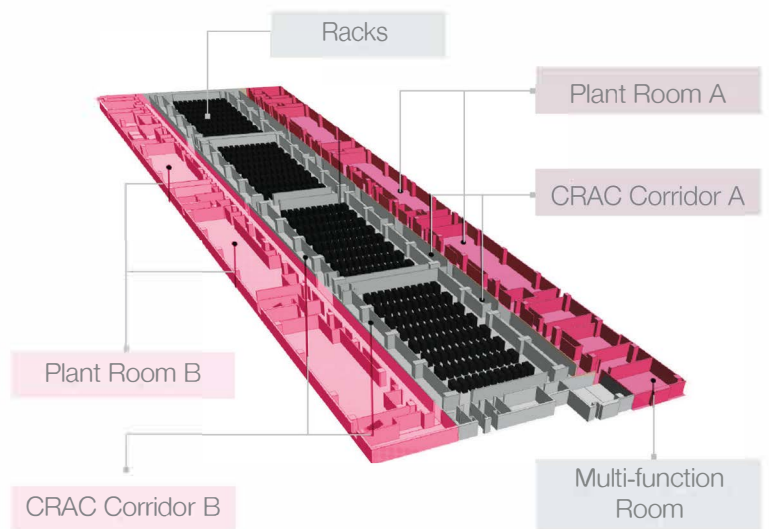
500 sqm per standard data hall



Digital CCTV surveillance



24x7 Manned Security



Products and Services



Facilities Management Service

- Managed co-location
- Dedicated data hall
- Data center interconnect
- Customized white floor and cage



Value-Added Service

- Remote support
- Managed CPE
- BCP work space
- Relocation



Security and Monitoring

- Network monitoring
- Anti-DDOS
- Managed network service
- Network security consulting



Cloud Computing

- International UniCloud platform
- IaaS / PaaS / SaaS
- Backup and disaster recovery
- Information system as a service
- Unified communication



System Integration Solution

- ICT solution
- Industry application solution
- Data center management service



01 Specification

Building Features

- An International carrier-neutral data center
- Tier III certified and Tier IV ready
- Approx. 370,000 sq. feet total floor area
- G/F - CLP HV room, chiller room, TBE room
- 1/F to 4/F - Data center and UPS rooms
- 5/F - Utility floor (electrical room, generators, cooling tower etc.)

Ceiling Height

5.6 meters (floor-to-floor ceiling height)

Floor Loading

Data center: 12 KPA

Rack Capacity

260+ standard halls, standard racks 600mm (W) x1200mm (D) x 47U (max. 52U)



02 Security & NOC

Building and Data Center Security

- 24x7 Security guards
- 24x7 Facility management teams
- 24x7 NOC monitoring at 6/F control center

Surveillance Monitoring

24x7 dedicated CCTV surveillance camera with digital recording (90 days record keeping for data halls)

Access Control

- Access card, fingerprint identification PIN
- Access log and report on request
- Zone or cage access control
- Check in/out at G/F reception
- Dedicated mantrap and anti-tailgating system for data halls



03 Telecommunications

Connectivity to Fixed Network Operators

Carrier Neutral, all major local telecom operators' services available

Building Lead-in

- Dual lead-in for telecom cable access
- Dual centralized Main Distribution Frame (MDF)
- Dual centralized Fixed Telecom Network Service (FTNS) area – “Meet-Me-Room”



04 Power

Power Availability

- Dual CLP 132/11KV power sub-stations
- Dual power feeds from standalone routes
- Dual 1500KW* power feed supplies from standalone UPS systems (*standard data hall)
- 2N UPS and transformer
- Power system redundancy: 100% server load
- UPS battery backup time: 15 mins full load

Power Connection

- Dual power distribution feeders to each rack
- 2 x 32A DP commando sockets per rack
- PDU with power monitoring system
- Power quality monitoring

Voltage

220V/380V, 50Hz

UPS

2N design, 6KVA per rack* (*standard hall setting)

Generator

Generator: N+1

Backup Diesel

- Minimum 18 hours under full load
- 3 x 60,000L underground fuel tanks
- Diesel refuel mechanism is arranged with oil company (within 2 hours delivery)



05 Air Conditioning System

Cooling Plant

N+1 Water Cool Chillers (WCC) with 2N active chilled water distribution paths

CRAC

- N+2 design
- CRAC units are supplied from dual water-feed distribution ring (dual coils configuration)
- Hot/cold aisle design



06 Other Facilities

- Loading bay for lorry and containers
- Car park spaces at G/F
- Full rack height cargo lift and corridors
- Customer work area (Staging rooms per floor)
- Meeting rooms
- NOC for 24x7 network management and monitoring, fault reporting
- Dedicated staging room & storage room