



Asia Pacific

Ho Chi Minh City 1 Data Center

Core infrastructure for a fast-growing market

Site brochure



Data, digital transformation and disaster recovery

The infrastructure needs of companies in Vietnam are changing as the country experiences ongoing economic growth. In response to global business requirements, we're seeing an extensive shift in both business and IT priorities. To execute their growth strategies, local enterprises are increasing their investments in digital transformation initiatives and multicloud.

At the same time, a dramatic rise in internet and mobile use in the country has resulted in an explosion of data. These developments are driving demand for hosting infrastructure and related services to manage huge volumes of data, enable multicloud strategies and ensure disaster recovery.

Demands for data center infrastructure go beyond reliable and secure data storage, however. Enterprises are also looking for connected, innovative and energy-efficient data centers that are built for a sustainable future.

In response to a clear demand for data center infrastructure in the region, NTT Global Data Centers and QD.TEK have established a joint venture to develop Ho Chi Minh City 1 Data Center (HCMC1) with the latest technology and NTT's many years of operations experience for IT service providers, telecoms and enterprise clients.

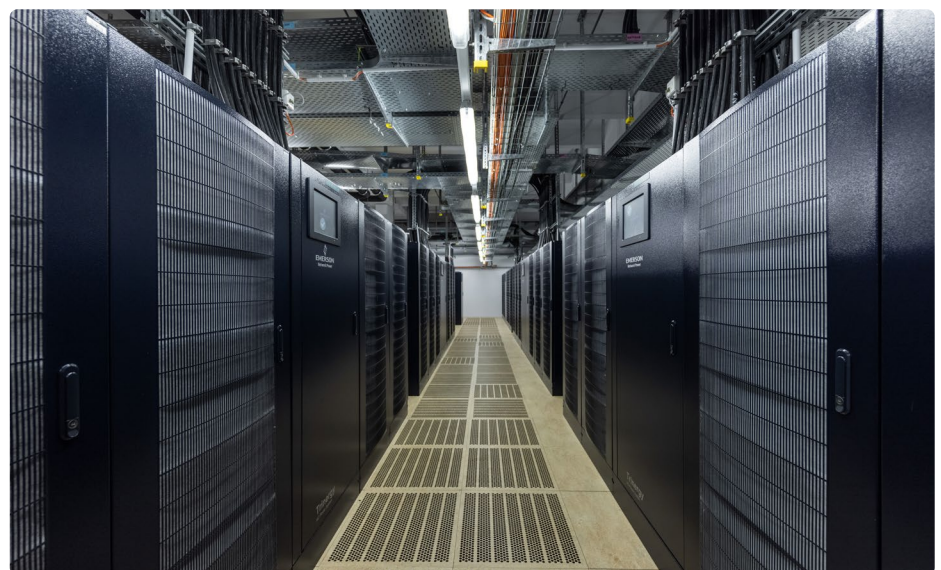
A leading data center for digital transformation

The new data center campus will be located in the Saigon Hi-Tech Park, a well-developed IT infrastructure in a highly accessible area 15km from the center of Ho Chi Minh City. It's capable of up to 5,000m² of IT space and 6MW IT load once fully developed. We'll provide leading data center services to Ho Chi Minh City, with high availability service level agreements and a data center designed to host mission-critical computer systems, telecommunication facilities and storage environments with fully redundant subsystems and compartmentalized security zones.

A solution for every requirement

Ho Chi Minh City 1 will offer complete solutions for housing your IT and network systems in a secure, high availability environment. We'll provide you with the best possible physical and technical infrastructure supported by N+1 redundant power system, as well as highly redundant cooling systems.

Ho Chi Minh City 1 will plan to hold multiple certifications and will be connected to major carrier hubs and cloud, to validate valuable IT services and innovations faster and at reasonable cost.



Secure and flexible space built to your specifications

Our clients' requirements are the most important aspect of our service offering. Whether you select a building shell you configure yourself or that we construct according to your specifications, or choose to rent a single rack in our shared environment, we can accommodate your needs.

Data center space

- Hyperscaler-ready concept
- Block flexible redundancy
- UPS bypass colocation deployments: single-rack key locking, 3 phase 4 wires with ground, telemetry
- Colocation, dedicated cages and suites
- Up to 5,000m² of IT space in the building
- Turnkey build to suites, shell and core solutions
- Ancillary spaces (offices, storages and preinstallation rooms) available
- Common areas, such as meeting rooms, and catering area

Cooling

- Redundant water-cooled system
- Computer room air handlers (CRAH) units in the suites and technical rooms
- Concurrently maintainable air-handling units (AHUs) providing fresh-air pressurization and humidity control to data suites
- Cold aisle containment to support high densities and maximize efficiencies

Power

- Maximum client IT load of 6MW
- Average power density of 1.2kW/m²
- Block redundant dual power system (A- and B-supply) with N+1 redundancy
- Redundantly designed emergency power system with block redundant diesel generators N+1

Overview of our main product offerings:

Fully-fitted	Colocation Rack
	Carrier Rack
	Dedicated Cage
	Dedicated Suite
Shell and core	Area
Supporting products and services	Multi-service Interconnection Platform
	Cross Connect
	Remote Hands

Fire protection

- Automatic digital fire-alarm system on all levels with point and air aspiration detectors
- Very Early Smoke Detection Apparatus (VESDA) in the return air path
- Firefighting system based on environmentally friendly extinguishing gas system
- Fire protection walls to a minimum of 90 minutes' separation

Security

- 24x7 security operations center and operation control center
- Redundant monitoring of all critical functions, underpinned by standardized security processes and the multilevel security zone principle, secures the rental area and technical operations
- Palisade and wall fencing supported by a security perimeter fence to protect the campus
- Video surveillance systems for the external perimeter, plant areas and data halls
- Card swipe entry/exit to all doors and persons separation locks per data center building
- Preventive risk assessment as well as continuous testing and training of operating personnel

Connectivity (planned)

- Carrier-neutral
- Redundant Carrier-Meet-Me-Rooms
- Carrier Access Rooms
- Carrier mix from global Tier 1 supplier to regional supplier
- Connectivity to the major carrier hubs
- Redundant, structural cabling infrastructure with diverse paths
- Pre-Cabling to support fast Cross Connect deployments

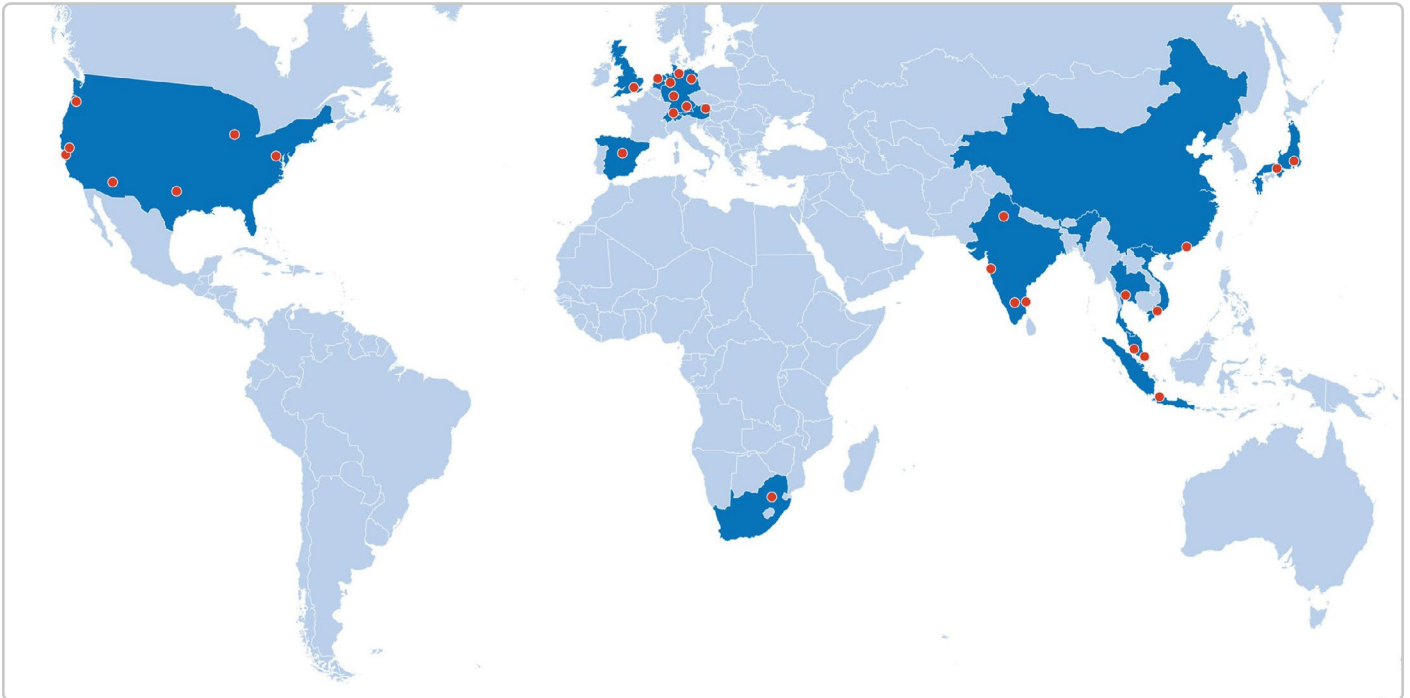
Additional services

- Disaster recovery office space for financial clients
- Consulting, general and implementation planning for development projects
- Client implementation
- Installation services
- Remote Hands services
- Optional security services

Global data center network

- Connectivity options to the global NTT network

Flexible connection to data centers and clouds: 20+ countries and regions and 1,500+MW IT load



About NTT's Global Data Centers

Global Data Centers is a division of NTT Ltd. Our global platform is one of the largest in the world. NTT is routinely recognized as a leader by leading analysts in the networking and data center space, spanning more than 20 countries and regions, including North America, Europe, Africa, India and APAC.

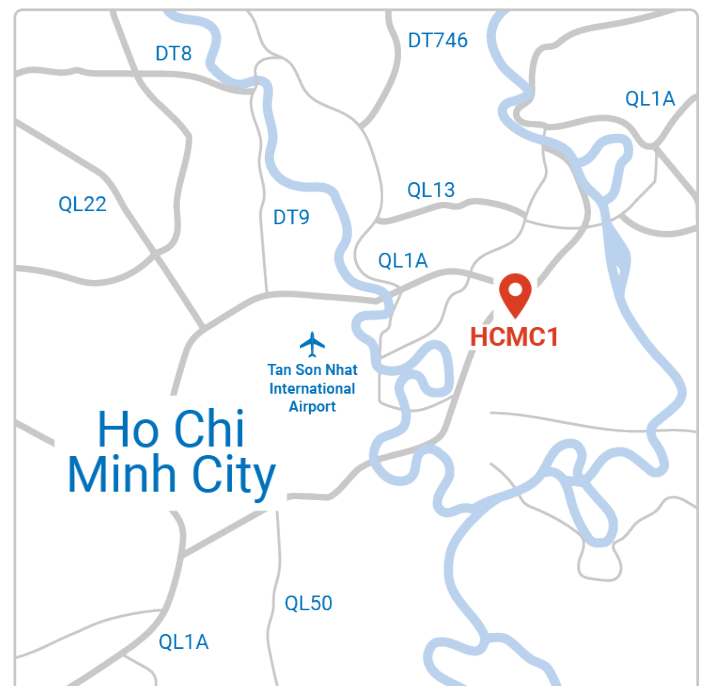
As a neutral operator, we offer access to multiple cloud providers, a large variety of internet exchanges and telecommunication network providers including our own IPv6 compliant, Tier 1 Global IP Network. You benefit from tailored infrastructure and experience consistent best practices in design and operations across all of our reliable, scalable and customizable data centers. We're ready to facilitate client adoption of next-generation technologies for computing at scale, virtualization, data migration and cloud and B2B private connectivity both regionally and across the globe.

Visit us at our website
services.global.ntt/globaldatacenters

Contact

NTT GDC HCMC1 LLC
Vietnam
gdc.vietnam@global.ntt

Location



All rights reserved. 11/2022

The information in this data sheet contains only general descriptions which may not apply for each individual case or may change as products and services levels are adapted to new technological development. The required service elements are only binding when explicitly stated in a service contract. Technical specifications may be subject to alterations.

