STTGDC VNG HCMC1

Strategically positioned as Ho Chi Minh City's first carrier-neutral connectivity hub, STTGDC VNG HCMC1 is centrally located within the city, with robust infrastructure certified to international standards and a network-rich ecosystem supporting Vietnam's digital transformation.



Building overview

Location	No.40, Street 19, Tan Thuan EPZ, Tan Thuan Dong, District 7, Ho Chi Minh City, Vietnam
Gross Floor Area	147,240 sqft (13,679 sqm)
Net Lettable Area	51,170 sqft (4,754 sqm)
Slab-to-slab Height	5.5 m
Floor Loading	12 kN/sqm
Loading Bay	1
Staging Room	1
Passenger Lifts (1,350kg)	4
Cargo Lifts (4,000 kg)	1

Fire detection and suppression

- Smoke and VESDA detection systems
- Gas Suppression (Nitrogen) in data hall and CRAH technical corridor and Aerosol Gas in Genset Room and Chiller Plant
- 2hr fire-rated doors and partitions
- 24x7 centralised fire alarm monitoring system that links directly to an external fire monitoring agency
- Independent emergency generator that supplies power for cargo lift and fire fighting system

Power

- 2 diverse and redundant 22kV utility power supplies and sub-stations
- 11.2 MW of IT Load
- Static Uninterrupted Power Supply (SUPS)
- Underground fuel storage tanks providing at least 12 hours support at full load
- Concurrently maintainable

Cooling

- Design PUE of 1.5
- Resilient Chilled Water Plant with Cooling Towers with N+1 configuration
- CRAH units on N+2 redundant configuration

Connectivity

- Carrier-neutral
- 2 meet-me-rooms (MMR)
- 2 diverse fibre points of entry to site
- Access to multiple carriers, internet service and cloud service providers

Security

- 24x7 CCTV recording at 1080p resolution, fixed with pan-tilt-zoom (PTZ) video analytics and kept for 90 days
- 24x7 on-site manned guards
- 24x7 controlled site access with 2-factor authentication by pre-authorisation
- NFC card and face recognition access control system

Certifications

- Uptime Tier III (Facility)
- ISO 20001
- ISO 22301
- ISO 27001
- TVRA assessment
- PCI DSS

A VNG AND STTGDC JOINT VENTURE

The joint venture partnership to build and operate data centres is a collaboration between VNG Corporation, a prominent technology firm providing a wide range of digital products within Vietnam's ecosystem, and STTGDC, a leading data centre service provider headquartered in Singapore.

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