



STT SINGAPORE 6

Located in the east of Singapore, the facility is built with sustainable design features and compliant to the highest industry standards. In today's evolving digital landscape, STT Singapore 6 will enable businesses to enjoy scalable and flexible colocation options that adapt to their growth.

BUILDING OVERVIEW

Gross Floor Area	290,625 sqft (27,000 sqm)
Net Lettable Area	107,610.042 sqft (9,997.30sqm)
Slab-to-slab Height	Up to 5.600m
Floor loading	15kN/sqm
Loading Bays	2
Staging Room	1
Passenger Lifts (1,360kg)	2
Cargo Lift (4,000kg)	2
Service Lift (2,000kg)	2

FIRE DETECTION AND SUPPRESSION SYSTEM

VESDA

Pre-Action Sprinkler System and Gas Suppression System (NOVEC)

2hr fire-rated doors and partitions

24x7 decentralised fire alarm monitoring system (DECAM) that links directly to an external fire monitoring agency Independent Emergency generator.

POWER

2 diverse and redundant 66kV utility power supplies and sub-stations

Up to 40MW of IT Load

Distributed Redundant Uninterrupted Power Supply (UPS)

N+1 Emergency Generators

Concurrently maintainable

Fault tolerant

Underground fuel tank providing up to 24hrs of support at full load

Designed to UTI standard

CONNECTIVITY

Carrier-neutral

3 main distribution frame (MDF) rooms

3 diverse fibre point of entry to site

Access to multiple carriers, internet service and cloud service providers

COOLING

Design PUE of 1.3

- Resilient Chilled Water Plant with Cooling Towers with N+1 configuration
- Chilled Water Buffer Tank catering continuous cooling at full load
- High efficiency and diverse chilled water pipe design

Service corridor with CRAC units on 2N power supply of up to N+20% resiliencies

24hrs of make-up water system

SECURITY

Anti-crash boundary wall with perimeter protection against vehicle-borne improvised explosive device (VBIED)

Perimeter wall with BRC fencing and barb mesh

Anti-climb fencing at front gate

Comprehensive intrusion detection

K12 rated vehicle crash barriers

24x7 CCTV recording at 1080p resolution, fixed with pan-tilt-zoom (PTZ) video analytics and kept for 90 days

Perimeter surveillance with day and night cameras fixed with Pan-Tilt-Zoom (PTZ) Video Content Analytics

24x7 on-site manned guards

24x7 controlled site access with 2-factor authentication by pre-authorisation

Contactless card access system with RFID real-time movement tracking within building and biometric access control system

CERTIFICATIONS & COMPLIANCE

ANSI/TIA-942-B:2017 Design Rated-3 compliant

BCA-IMDA Green Mark Platinum (New Data Centres V2019)

LEED Gold

ISO 27001: 2013

ISO 50001: 2018

ISO 45001: 2018

ISO 22301: 2019

SS 564: 2020

TVRA compliant

CONTACT

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