



## 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

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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

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## FIRE DETECTION AND SUPPRESSION SYSTEM

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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.

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## POWER

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

Up to 39MW 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

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## CONNECTIVITY

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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

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## COOLING

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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

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## SECURITY

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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-authorization

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

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## CERTIFICATIONS

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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

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## CONTACT

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