



STT SINGAPORE 4

STT Singapore 4 is located in west of Singapore in the city's digital media hub, known as the One-North business park. One-North is a strategic development that is designed to host a cluster of world-class research facilities and business park space and to support the growth of Singapore's Biomedical Sciences, Info-Communications Technology, Media, Physical Sciences and Engineering sectors.

BUILDING OVERVIEW

Purpose-built six storey building with post-tensioned and conventional reinforced beam and slab

Location	1 Media Link, Singapore 138552
Gross Floor Area	247,109.90 sqft (22,957.26 sqm)
Net Lettable Area	116,713 sqft (10,843 sqm)
Flight Path	No
Slab-to-slab Height	Up to 6m
Floor Loading	Up to 15KN/m ²
Loading Bays	2
Staging Room	1
Passenger Lifts (1,630kg)	2
Cargo Lift (5,000kg)	1
Service Lifts (1,630kg)	2

FIRE DETECTION AND SUPPRESSION SYSTEM

VESDA and Addressable Fire Alarm System equipped with smoke detection

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

POWER

2 diverse and redundant 22kV utility power supplies and sub-stations

>18MW of IT Load

2N Static Uninterrupted Power Supply (UPS) with 10 to 15 minutes of battery back-up

Concurrently maintainable

Fault tolerant

2N generator system supporting each floor

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

CONNECTIVITY

Carrier-neutral

2 main distribution frame (MDF) room

2 meet-me-room (MMR)

2 diverse fibre point of entry to site

2 diverse risers

Direct access to multiple carriers, internet service and cloud service providers

CONTACT

[E info@sttelemediagdc.com](mailto:info@sttelemediagdc.com) [W sttelemediagdc.com](https://www.sttelemediagdc.com)

All information contained in this factsheet ("Information") is for information purposes only, and is not intended to constitute an offer or contract of any kind. STT GDC does not warrant the accuracy, adequacy or completeness of the Information and expressly disclaims all liabilities relating to the Information. STT GDC shall in no event be liable for any damages, loss or expense however caused arising from, or in connection with, the use of, or reliance on, the Information. No Information or parts of it may be reproduced, distributed, modified or displayed without the prior written permission of STT GDC. © 2025 STT GDC Pte Ltd (CRN: 201228542D).

COOLING

Design PUE of 1.49 at full load

N+1 chilled water system with ring distribution supported by N+1 cooling tower

- Chilled water system incorporated with rapid start recovery mode and installed with optimisation programme

- All chilled water systems are genset supported

- Designed with chilled water storage/buffer tank and oversized pipework for 10min continuous cooling during power failure

- CRAH units equipped with ATS for continuous fan running

2N diverse chilled water piping loops

Service corridor with CRAH: up to N + 20% resiliencies

24hrs of backup water storage capacity for continuous operations

Dual water sources (domestic & NEWater) for make-up water system

SECURITY

K4 rated surface mounted rising step barrier at main vehicle entrance

Perimeter protection of K4 rated anti-crash bollards against vehicle-borne improvised explosive device (VBIED)

Reinforced walls and columns

24x7 CCTV recording at full HD 1080p resolution, 20 frame per second and 90-day continuous recording

Perimeter surveillance with day and night cameras with Video Content Analytics (loitering and abandoned object detection)

Explosive trace detection (ion mobility spectrometry) & undercarriage for vehicle screening

24x7 on-site manned and armed guards

24x7 controlled site access

Contactless card access system

Walk-through metal detector, X-ray screening system for human traffic and baggage screening

CERTIFICATIONS & COMPLIANCE

BCA-IMDA Green Mark Platinum (Existing Data Centres V1.1)

ISO 27001: 2013

ISO 45001: 2018

ISO 50001: 2018

ISO 22301: 2019

SS 564: 2020

TVRA compliant

bizSAFE Level STAR