



STT LOYANG

Located in the east of Singapore, the new facility will be built with sustainable design features and compliant to the highest industry standards. In today's evolving digital landscape, STT Loyang 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	Approx. 107,639 sqft (10,000 sqm)
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 22kV utility power supplies and sub-stations

Up to 36MW 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 numbers of main distribution frame (MDF) rooms

3 numbers of 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

LEED Gold

TIA 942 Rated-3

SS564

BCA-IMDA Green Mark Platinum

CONTACT

E info@sttelemediagdc.com **W** 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. © 2019 STT GDC Pte Ltd (CRN: 201228542D).