



## STT JAKARTA 1

Strategically located in Greenland International Industrial Centre (GIIC), STT Jakarta 1 is built to the highest industry standards to enable the burgeoning digital economy growth in Indonesia and the region with a future scale within the campus.

BUILDING OVERVIEW

Location	Block EA-1, Greenland International Industrial Centre (GIIC) Cikarang, Bekasi, West Java JB, 17530 Indonesia
Gross Floor Area	198,852 sqft (18,474 sqm)
Net Lettable Area	70,611 sqft (6,560 sqm)
Slab-to-Slab Height	4.8 m
Floor Loading	15 kN/sqm
Loading Bays	2
Staging Room	1
Passenger Lifts (1,600kg)	2

FIRE DETECTION AND SUPPRESSION

- VESDA and smoke detectors
- Pre-action fire sprinkler system for data hall and NN100 for electrical rooms
- 2h 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 20kV utility supplies and sub-stations
- Up to 18MW of IT Load
- N+1 generators
- Fuel tank providing up to 72hrs of support at full load
- N+1 UPS with 10-min Lithium-Ion battery back-up
- Concurrent maintainable
- Fault tolerant

CONNECTIVITY

- Carrier-neutral
- 3 main distribution frame (MDF) rooms / meet-me-rooms (MMR)
- 3 diverse fibre routes points of entry to site
- Interconnected within the STT Jakarta data centre campus
- Access to multiple carriers, internet exchange (IX), and internet service providers

COOLING

- Design PUE of 1.41
- N+1 adiabatic chiller system with concurrently maintainable ring configuration
  - Chilled water system incorporated with rapid start recovery mode and optimised with chiller management system
  - Designed with Chilled Water Storage/Buffer Tank for continuous cooling
  - Water-efficient and energy-efficient cooling systems
- Service corridor with Fan Wall Units supported by 2N UPS Power Supply with min N+1 resiliencies
- 72h of backup water storage capacity for adiabatic chillers

SECURITY

- Anti-crash boundary wall with anti climb fencing, K12 rated vehicle crash barriers
- Equipped with baggage x-ray baggage scanner, metal detector and man-trap for comprehensive security screening
- 24x7 CCTV recording at 1080p resolution, pan-tilt-zoom video analytics and kept for 90 days
- 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 AND COMPLIANCE

- LEED Gold
- ISO 20000
- ISO 22301
- ISO 27001
- ISO 50001
- SS 564
- POJK Audit Assessment
- IDX Audit Assessment
- TVRA Assessment
- PCI DSS

CONTACT

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