



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)
Raised Floor To False Ceiling Height	4.8 m
Floor Loading	15 kN/sqm
Loading Bays	2
Staging Room	1
Passenger Lifts	2

FIRE DETECTION AND SUPPRESSION SYSTEM

Smoke and VESDA detection systems

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 SYSTEM

2 diverse and redundant 20kV utility supplies and sub-stations

Up to 19.5MW of IT Load

N+1 generators equipped with 72h storage tanks

N+1 UPS with 10-min Lithium-Ion battery back-up

Concurrently maintainable

Fault tolerant

COOLING SYSTEM

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

CONNECTIVITY

Carrier-neutral

3 main distribution frame (MDF) rooms

3 meet-me rooms (MMR)

3 diverse fibre routes to site

Access to multiple carriers, internet service providers, and key data centres across Indonesia

SECURITY

Anti-crash boundary wall with anti climb fencing, K12 rated vehicle crash barriers

Equipped with 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

LEED GOLD

TIA-942 Rated-3

UTI TCDD TIER III

ISO 27001 (targeted)

ISO 50001 (targeted)

ISO 20000 (targeted)

ISO 22301 (targeted)

CONTACT

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