



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 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 18MW of IT Load

N+1 generators equipped with 72h storage tanks

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

Concurrent 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

CONTACT

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CONNECTIVITY

Carrier-neutral

3 pairs of main distribution frame (MDF) rooms

3 pairs of meet-me-room (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 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

Uptime Tier III (Design)

LEED v4.0 Gold certification (pre-qualified)

ISO 20000

ISO 22301

ISO 27001

ISO 50001 (targeted)

SS 564 (targeted)

POJK Audit Assessment IDX Audit

Assessment TVRA

PCI DSS v.4.0
