



STT JAKARTA 2

STT Jakarta 2 is the second data centre facility in Indonesia and is part of the STT Jakarta Data Centre Campus, strategically located within the Greenland International Industrial Centre (GIIC). As part of a campus designed to deliver more than 360MW of IT capacity, STT Jakarta 2 will contribute to the growth of Indonesia's digital transformation.

BUILDING OVERVIEW

STT Jakarta 2 is part of the STT Jakarta Data Centre Campus with a future scale within the campus, offering liquid cooling solutions ready to meet the growing demands of AI and high-performance computing workloads.

Location	Block EA-1, Greenland International Industrial Centre (GIIC), Cikarang, Bekasi, West Java JB, 17530 Indonesia
Gross Floor Area	229,091 sqft (21,291 sqm)
Net Lettable Area	92,181 sqft (8,567 sqm)
Slab-to-slab Height	6.6 m
Floor Loading	15 kN/sqm
Loading Bays	2
Staging Room	1
Passenger Lifts (630kg)	2
Cargo Lifts (5,000kg)	2

FIRE DETECTION AND SUPPRESSION

- VESDA and smoke detectors
- Pre-action fire sprinkler system for data hall and NOVEC for electrical plantrooms
- 2h fire-rated doors and partitions
- Addressable fire alarm system

POWER

- N+1 20kV distribution supported by 150kV substation on campus
- 24MW of IT Load
- N+1 generators
- Fuel tank providing up to 48hrs of support at full load
- N+1 UPS with 5-min Lithium-Ion battery back-up
- Concurrent maintainable
- Fault tolerant

COOLING

- Design PUE of <1.30
- N+1 water-cooled chillers with concurrently maintainable ring configuration
- N+1 fan wall units with 2N UPS power supplies
- Up to 48h of water storage capacity for cooling towers

CONNECTIVITY

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

SECURITY

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

TARGETED CERTIFICATIONS & COMPLIANCE

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

CONTACT

E info@sttelemediagdc.com W sttelemediagdc.com

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