STTGDC JKT3

Strategically located within the Greenland International Industrial Centre (GIIC), STTGDC JKT3 is part of the STTGDC Jakarta Data Centre Campus and contributes to its planned capacity of over 360MW, supporting Indonesia's growing digital economy.



Building overview

STTGDC JKT3 (RFS: Q2 2027) is part of the STTGDC Jakarta Data Centre 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	181,586 sqft (16,876 sqm)
Net Lettable Area	Up to 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 plant rooms
- 2hr fire-rated doors and partitions
- Addressable fire alarm system

Power

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

Cooling

- Design PUE of <1.30
- N+1 water-cooled chillers with concurrently maintainable ring configuration
- N+1 fan wall units and CDU 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 STTGDC 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

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

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