



## STT JOHOR 1

STT Johor 1 is part of the STT Johor data centre campus strategically located 15km away from Singapore, providing regional and global businesses with significant accessibility and connectivity to an international business and interconnection hub. STT Johor 1 is built to support various liquid cooling technologies with scalability for large GPU-accelerated computing clusters, ideal for diverse AI workloads across industries.

## BUILDING OVERVIEW

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Location	Nusa Cemerlang Industrial Park
Gross Floor Area	183,766 sqft (17,072.45 sqm)
Net Lettable Area	61,053 sqft (5,672 sqm)
Slab-to-slab Height	Up to 6m
Floor Loading	15 kN/sqm
Loading Bays	2
Staging Room	1
Passenger Lift (1,350kg)	1
Cargo Lift (5,000 kg)	1
Service Lift (2,500kg)	1

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## FIRE DETECTION AND SUPPRESSION SYSTEM

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Smoke detector and VESDA  
Pre-Action Sprinkler System  
2hr fire-rated doors and partitions  
24x7 centralised fire alarm monitoring system

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## POWER SYSTEM

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2 diverse and redundant 33kV utility power supplies  
Up to 16MW of IT Load  
Distributed Redundant Uninterrupted Power Supply (UPS)  
Fuel storage tanks providing at least 12 to 24 hours of support at full load  
Concurrently maintainable

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## COOLING SYSTEM

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Design PUE of 1.3  
N+1 High Efficiency Air-Cooled Chillers with concurrently maintainable ring configuration  
N+2 Fan Wall Units

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## CONNECTIVITY

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Carrier-neutral  
2 main distribution frame (MDF) rooms  
Up to 4 diverse fibre points of entry to site  
Access to multiple carriers, internet service and cloud service providers

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## SECURITY

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Anti-climb perimeter fencing enhanced with perimeter surveillance and video content analytics  
24x7 CCTV recording at 1080p resolution  
24x7 on-site manned guards  
24x7 controlled site access to data halls with 2-factor authentication  
Contactless card access system by pre-authorisation

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## CERTIFICATIONS AND COMPLIANCE

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TIA-942 Rated-3 (targeted)  
LEED Gold (targeted)  
ISO 20000 (targeted)  
ISO 22301 (targeted)  
ISO 27001 (targeted)  
ISO 50001 (targeted)  
TVRA (targeted)  
DCRA (targeted)

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## CONTACT

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