



STT DELHI DC3

Delhi, the capital city of India, serves as the commercial capital of North India and also a major e-commerce hub. The city is also home to ministries and departments associated with the Government of India and also serves as the headquarters of the public sector undertaking companies. 50% of the Fortune 500 companies have set up offices in and around Delhi. STT Delhi DC3 is the only enterprise grade, highly scalable data centre within the municipal limits of Delhi with the best environmental advantage across Delhi NCR.



BUILDING OVERVIEW



Purpose-built six storey building with reinforced concrete super-structure and 1.5 importance factor.

Location	Opp Savitri Cinema, Next Gen Tower Greater Kailash-1, New Delhi - 110048 17 Kms from IGI Airport, 15 Kms from New Delhi Railway Station
Gross Floor Area	215000 sqft
Slab-to-slab Height	4.2 m
Floor Loading	1500 Kg/sqm
Passenger Lift	3 Nos.
Freight Lift	2500 Kg - 1 No. & 1000 Kg - 1 No.

ELECTRICAL INFRASTRUCTURE



Rated-3 fault tolerant design, capable of delivering upto 15 MW of IT Load

Transformer & DG in N+1 redundancy with 24 hours on-site fuel storage capacity

Distributed redundant UPS system with dedicated battery backup of 13 minutes at full load

Dual independent UPS power source for all racks from two independent PDUs

NETWORK INFRASTRUCTURE



Carrier-neutral data centre with direct access to all major carriers, internet and cloud service providers

Multiple Entrance Room/ MMR with diverse routes to provide resilient network connectivity options

COOLINT INFRASTRUCTURE



Fault tolerant chiller system in N+N configuration

2N diverse pipe reticulation with reverse return system

Dedicated service corridor with CRACs in N+2 configuration

Specially designed electrical distribution system to ensure quick re-start with continuous circulation & uninterrupted cooling to data halls

SAFETY & SECURITY SYSTEMS



Five layer security systems consisting of:

Campus boundary wall with concertina fencing and CCTV monitoring

DC perimeter with 24x7 manned security, electric fencing, boom barrier, road blocker, under vehicle scanning system, metal detector and turnstiles with access controlled readers

24x7 manned security, baggage scanner and CCTV monitoring at reception level

24x7 manned security and mantrap with authorized access control at DC floor level

Biometric access and turnstile access at server hall level

Safety systems consisting of:

Very early smoke detection system with addressable multi-criterion fire detectors in cross-zoning for reliable and early fire detection

Gas based fire suppression system (Inergen) for critical areas

Pre-action sprinkler system for other areas

OTHER FEATURES & CERTIFICATIONS



Environment friendly design with ISO 14001 certification for sustainability

IGBC's LEED India for Core & Shell Gold certified

ISAE/SSAE certified

ISO 27001, ISO 20000, TL9000 certified

TIA-942 compliant (Rated 3)

CONTACT

STT Global Data Centres India Private Limited

C - 21 & C - 36, 'G' Block, Bandra Kurla Complex, Mumbai, Maharashtra, India - 400 098

T +91 22 66592443 **W** sttelemediagdc.in

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