



STT HYDERABAD DC1

A cosmopolitan city known for its assimilative cultural ethos, Hyderabad, the state capital of Telangana has the presence of four out of the world's five most valued tech companies. The information and communication technology (ICT) industry has transformed the image of Hyderabad from a manufacturing and research hub to that of a global services destination. In a location least prone to natural calamities, the city has emerged as favourable destination for disaster recovery where STT Hyderabad DC1 is a Rated-3 facility within the heart of hi-tech city.

 **STTelemedia**
Global Data Centres

STT Global Data Centres India

A Tata Communications Associate

BUILDING OVERVIEW



Telecom building (four storey) with reinforced concrete and 1.5 importance factor

Location VSB, CFC-1 Software Units Layout, Hitech city-Madhapur, Hyderabad, Andhra Pradesh - 500081
34 Kms from RGI Airport, 16 Kms from Nampally Railway Station

Gross Floor Area 110923 sqft
Slab-to-slab Height 5 m
Floor Loading 1500 Kg/sqm
Passenger Lift 2 Nos.
Freight Lift 2000 Kg - 1 No. & 3000 Kg - 1 No.

ELECTRICAL INFRASTRUCTURE



Rated-3 concurrently maintainable design, capable of delivering upto 5 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



Concurrently maintainable chiller system in N+N configuration
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, boom barrier, 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 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

NOVAC based fire suppression system for critical areas

Pre-action sprinkler system for other areas

OTHER FEATURES & CERTIFICATIONS



Environment friendly design with ISO 14001 certification for sustainability
ISO 27001, ISO 20000, TL9000 certified
TIA-942 compliant (Rated 3)

CONTACT

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