SIFY HYDERABAD

DATA CENTER

Survey No. 115/1, Financial District, Nanakramguda, Gachibowli, Hyderabad
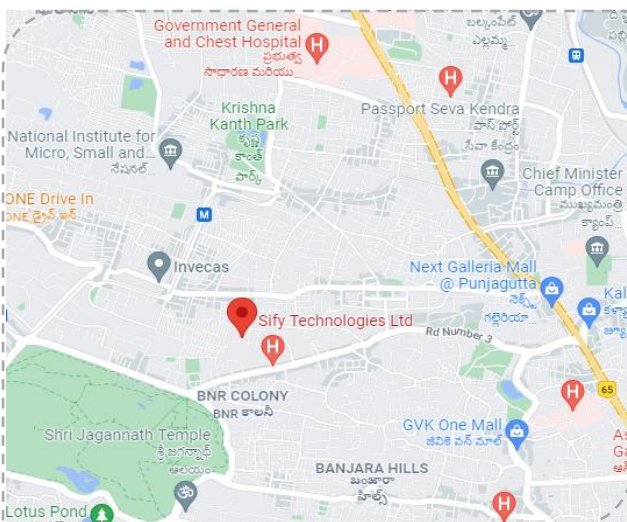
17°25'36.1"N 78°25'48.0"E

SIFY - THE DATA CENTER PIONEER!

As a pioneer Data Center Service Provider in India, Sify holds an undeniable advantage in offering any data center service, be it Colocation, Edge computing, Network services, Cloud and Digital Services, and System Integration services. The technologies implemented with our data centers are an outcome of many years of data center operations and industry benchmarks on par with the best practices in the South and tailored to the Indian ICT ecosystem.

All our data centers are strategically located across different geographic locations, concurrently maintainable and complement each other as Data Center or Disaster Recovery Center.

Sify's data center in Hyderabad has **2400 rack space** with an IT power capacity of **14.4 MW** . It offers Hyperscale cloud deployments, Colocation & Managed Services, Disaster recovery as a service (DRaaS), Cloud adjacency & CDN services.

The carrier-neutral facility has dual Meet-Me-Rooms and multiple telecom service providers and Internet Exchanges for redundant and robust telecom network to customers. The strategic position of this data center enables organizations from Hyperscalers, OTT, Healthcare/Pharma, BFSI, Manufacturing, sectors to run their mission critical applications.

HYDERABAD DATA CENTER

SITE MAP AND FEATURES

Located in the Financial District - ITCorridor, by Govt. of Telangana

Access to road, rail, and air transports

Access to utility services, essential and emergency services

Presence of all Telecom Service Providers

33kV dual feeder from Utility Service Provider

ELECTRICAL

POWER FEEDER: 33kV dedicated feeders

TOTAL POWER CAPACITY: 14.4 MW
UPS CONFIGURATION: N+N

POWER DENSITY: 150W to 300W per sq. ft~
BATTERY BACKUP: 10 minutes on full load
DISTRIBUTION: A+B power to racks with PDUs enabled with Branch Circuit monitoring

GENERATOR CONFIGURATION: N+1 each for IT and Non-IT distribution

FUEL STORAGE: 48 hours at full load capacity

BUILDING FEATURES

FLOORS IN BUILDING: G+8, Floor 1 to 6 are Server Hall

Total number of Racks : 2400 racks

PUE: 1.5 for full deployment & 1.7 for Shared floor

ROOM HEIGHT: 6000mm for L1, L2. 4200mm from L3 - L6

RAISED FLOOR HEIGHT: 900mm for L1 & L2 , 700mm for L3 to L6

STRUCTURAL DESIGN: IS 456:2000, Importance Factor1.5

STRUCTURAL FLOOR LOADING OF DATA CENTER FLOORS: 1500 Kg/sqm

FREIGHT ELEVATORS: 1 x 2.5-ton, 1 x 2 ton

PASSENGER LIFTS: 3 + 1 no.

FIRE RATING OF WALLS & DOORS: 2 hours

COOLING

CHILLERS TYPE: Air cooled chillers

CRAC REDUNDANCY: N+2
TEMPERATURE CONTROL: 24+/-2 Degree Celsius
HUMIDITY CONTROL: 50+/-10% RH

AMENITIES

Office and Suites

Work Kiosks

Conference Room

Pantry

BUILDING MANAGEMENT

Integrated Building Management System
Physical security guards 24x7
ACCESS CONTROL: Smart card and biometric

VIDEO SURVEILLANCE: 24x7 for all critical areas, retention for 90 days

FIRE DETECTION: Addressable smoke detectors and Aspirating Smoke Detectors for early warning

FIRE SUPPRESSION: 3M© Novec© 1230 Fire SuppressionSystem for Data Center & Electrical Rooms

LEAK DETECTION: Addressable Water Leakage Detection
RODENT CONTROL: Ultra-sonic rodent repellent

NETWORK

Dedicated MMRs at ground floor
Four Fiber entrances to the building
Network room at each Data Center floorFully redundant internal network
Backhaul connectivity to landing stations at Mumbai & Chennai.
Presence of all major Telecom Service Providers
Sify, Airtel, TATA, RJio, Vodafone, PGCIL

CERTIFICATIONS

TIA 942 Rated 3
PCI DSS
ISO 27001, Information Security Management
ISO 9001, Quality Processes
ISO 20000, ITIL based Service
ISO 14001, Environmental management system
ISO 45000, World's international standard for occupational health and safety.
DeliverySAP Certified,
SOC 1 & SOC 2 ,SSAE 16 Certified