SIFY KOLKATA
DATA CENTER

DLF IT park 1, 2nd Floor, Tower-C, Premises No-8 Block-AF, Major Arterial Road New Town, Rajarhat, Kolkata-700156

22.5821715 N, 88.4474502 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 East 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 Kolkata has 350 rack space with an IT power capacity of 1.2 MW. It is a major Network node for OTT players, Major Telco Providers, ISPs and acts as a Nodal location for service delivery to neighboring countries.

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 BFSI, Manufacturing, Government PSU, IT/ITeS, sectors to run their mission critical applications.
KOLKATA DATA CENTER

**ELECTRICAL**
- **POWER FEEDER:** 33 kV dedicated feeders to the building (the main power feeders are part of the base builder infrastructure)
- **IT POWER CAPACITY:** 1.2 MW
- **UPS CONFIGURATION:** N+N
- **POWER DENSITY:** 12kW per rack
- **BATTERY BACK-UP:** 10 minutes on full load
- **DISTRIBUTION:** Dual bus to racks with PDU enabled with Branch circuit monitoring
- **GENERATOR CONFIGURATION:** N+1
- **FUEL STORAGE:** 24 hours

**COOLING**
- **CHILLERS:** High efficiency, Digital scroll compressor, DX Precision air conditioner
- **TEMPERATURE CONTROL:** 24 +/-2 °C
- **HUMIDITY CONTROL:** 50 +/-10% RH

**BUILDING MANAGEMENT**
- **BUILDING MANAGEMENT:** Integrated 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 & aspirating smoke detectors for early warning
- **FIRE SUPPRESSION:** 3M Novec® 1230 fire suppression system for Data Center and electrical rooms
- **LEAK DETECTION:** Addressable water leakage detection
- **RODENT CONTROL:** Ultrasonic rodent repellent

**BUILDING FEATURES**
- **FLOORS IN BUILDING:** B1+B2+G+4. Server Hall located at the 2nd floor
- **TOTAL NUMBER OF RACKS:** 350 Racks
- **ROOM HEIGHT:** 3750 mm
- **RAISED FLOOR HEIGHT:** 700 mm
- **STRUCTURAL DESIGN:** IS 456:2000, Importance Factor 1.5
- **STRUCTURAL FLOOR LOADING OF DATA CENTER FLOORS:** 1200 Kg/sqm*
- **FREIGHT ELEVATORS:** 3x2 Ton
- **PASSENGER LIFTS:** 8
- **FIRE RATING OF WALLS & DOORS:** 2 hours

**AMENITIES**
- Work Kiosks
- Conference Room
- Parking

**NETWORK**
- Dedicated dual MMR/POP part of the Data Center Infrastructure
- Three fiber entry paths to the building
- Presence of all major Telecom Service Providers: Sify, Bharti Airtel, TATA, MTNL, RailTel, Reliance, BSNL, PGCIL, Vodafone, Reliance Jio.

**CERTIFICATIONS**
- **PCI DSS**
- **ISO 27001, Information Security Management**
- **ISO 9001, Quality Processes**
- **ISO 20000, ITIL based Service Deliver**

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