

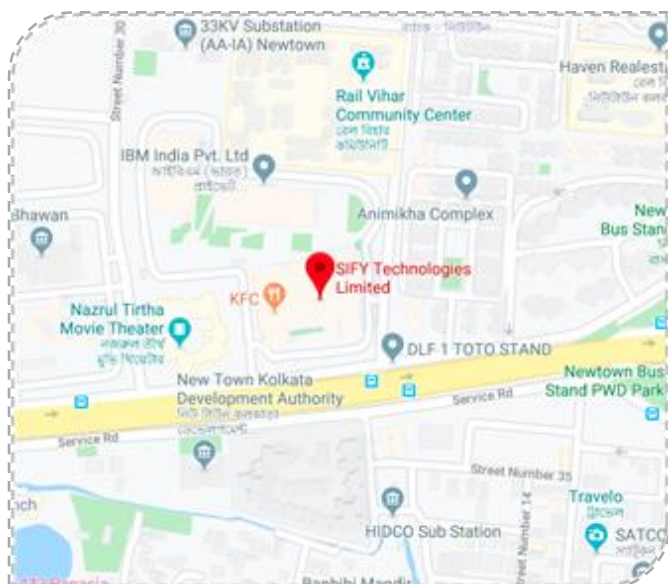


# SIFY KOLKATA DATA CENTER



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.

## 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 PDUs 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