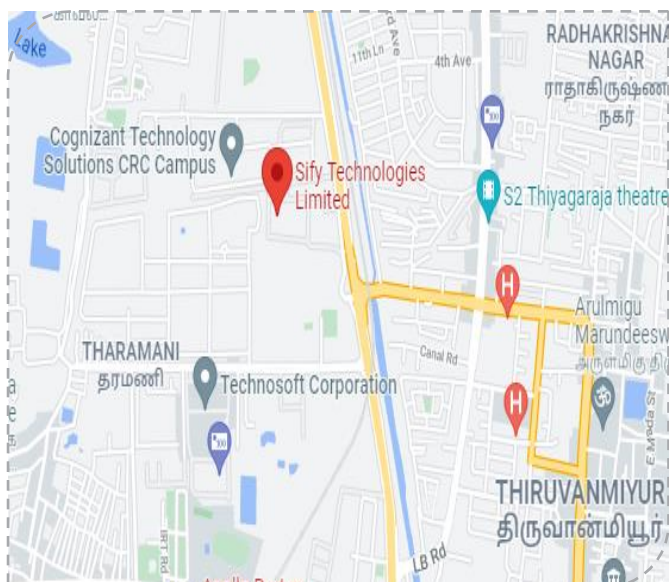# SIFY CHENNAI
DATA CENTER

2nd Floor, Tidel Park, No.4, Canal Bank Road, Taramani, Chennai, Tamil Nadu 600113

N 12.9896416, E 80.2484908

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 data center in Chennai's Tidel park has **433 racks space** with an IT power capacity of **1.6 MW**. 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, Manufacturing, IT/ITeS, BFSI, Healthcare/Pharma sectors to run their mission critical applications.

CHENNAI DATA CENTER

Sify

SITE MAP AND FEATURES

Located in Tidel Park, ITCorridor of Chennai.

Access to road, rail, and air transports

Access to utility services, essential and emergency services

Presence of all Telecom Service Providers

ELECTRICAL

POWER FEEDER: 33kV dual feeder from Utility Service Provider

TOTAL POWER CAPACITY: 1.6 MW

UPS CONFIGURATION: N+N

STANDBY POWER REDUNDANCY: N+1

POWER DENSITY: 150W 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 CAPACITY: 20,000 L X 3

FUEL STORAGE: 24 hours at full load capacity

BUILDING FEATURES

FLOORS IN BUILDING: G+12, 2nd Floor is Server Hall

Total number of Racks : 433

RAISED FLOOR HEIGHT: Phase I - 305mm &

Phase II & III – 600 mm

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

STRUCTURAL FLOOR LOADING OF DATA CENTER FLOORS: 1000 Kg/sqm

FREIGHT ELEVATORS: 3 X 1.5 Ton capacity

PASSENGER LIFTS: 16

FIRE RATING OF WALLS & DOORS: 2 hours

COOLING

CHILLERS TYPE: DX based PAC units

CRAC REDUNDANCY: N+1

TEMPERATURE CONTROL: 24+/-2 Degree Celsius

HUMIDITY CONTROL: 50+/-10% RH

AMENITIES

Work Kiosks

Pantry

Parking

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: NAFSIII gas for DC zone and NOVEC 1230 for extended DC area

LEAK DETECTION: Addressable Water Leakage Detection

NETWORK

Dedicated MMRs at server hall floor

Three fiber entrances to the building

Network room at each Data Center floor

Fully redundant internal network

Presence of all major Telecom Service Providers

Sify, Bharti Airtel, TATA, Reliance, BSNL, Vodafone, Reliance Jio.

CERTIFICATIONS

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.
SOC 1 Type II & SOC 2 Type II

OUR END-TO-END ICT SOLUTIONS
Cloud & Data Center Services | Network Services |
Digital Services | Technology Integration Services