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.
SITE MAP AND FEATURES
Located in Tidel Park, IT Corridor 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+N 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 Factor 1.5
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

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