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 West 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 Rabale, Navi Mumbai is a Hyperscale Campus Data Center having 5 Towers with 85 MW of total power capacity, it has 10,000+ racks space. Additional 3 towers are in planning phase that will add 100 MW of total IT power capacity.

Sify Rabale campus also offers customers with Build to Suit options to customize and design a Data Center facility to meet their specific needs and offers Hyperscale cloud deployments, Colocation & Managed Services, Disaster recovery as a service (DRaaS), Cloud adjacency & CDN services to customers from India and worldwide. 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, BFSI, Manufacturing, Media and Entertainment, Healthcare/Pharma sectors to run their mission critical applications.
RABALE DATA CENTER

SITE MAP AND FEATURES
Located in commercial hub of Navi Mumbai.
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: 85 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: 10,000+ racks
RAISED FLOOR HEIGHT: 700 mm
STRUCTURAL DESIGN: IS 1893:1984 design standards for seismic design.
STRUCTURAL FLOOR LOADING OF DATA CENTER FLOORS: 1500 Kg/sqm
FREIGHT ELEVATORS: 1 X 2 Ton
PASSENGER LIFTS: 3 Nos.
FIRE RATING OF WALLS & DOORS: 2 hours

COOLING
CHILLERS TYPE: Hybrid with air cooled and water-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 Suppression System 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 floor
Fully redundant internal network
Presence of all major Telecom Service Providers
Sify, Bharti Airtel, TATA, Reliance, RJio, MTNL, PGCIL, RailTel, Vodafone.

CERTIFICATIONS
TIA 942 Rated 3
PCI DSS
ISO 27001, Information Security Management
ISO 9001, Quality Processes
ISO 20000, ITIL based Service Delivery
ISO 45000, World’s international standard for occupational health and safety.
SAP Certified
SOC 1 Type II & SOC 2 Type II