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 Airoli has 1345 of racks space with an IT power capacity of 5.4 MW. Airoli Data Center interconnects with Sify Rabale Data Center and allows you to access hyperscale public clouds on very low to Sub-millii second latency.

Airoli Data Center has an SAP certified grid, Sify’s Cloudinfinit and other hosted private cloud options. 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.
**SITE MAP AND FEATURES**

Located in the commercial hub of Navi Mumbai

- Access to road, railway transports
- Access to utility services, and emergency services
- Presence of all Telecom Service Providers
  - Sify, Bharti Airtel, Reliance, RJio, MTNL, PGCIL, RailTel,
  - Vodafone, BSNL, TCL, TTSL.

**ELECTRICAL**

- **POWER FEEDER**: Onsite 110kV substation
- **TOTAL POWER CAPACITY**: 5.4 MW
- **INDEPENDENT FLOOR DESIGN**: 1600kW per floor power deployment
- **UPS CONFIGURATION**: N+N
- **POWER DENSITY**: 10 kW to 13kW per rack or 200W/Sqft~
- **BATTERY BACKUP**: 10 minutes on full load
- **DISTRIBUTION**: A+B power to racks with PDUs enabled with Branch Circuit monitoring
- **DOWNSMART POWER CONFIGURATION**: N+N downstream power distribution
- **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+7, Floor 4 to 6 are Server Hall
- **Total number of Racks**: 1200 racks
- **ROOM HEIGHT**: 3800 mm slab to slab, 600mm clearance from floor to 1st obstruction
- **RAISED FLOOR HEIGHT**: 600mm
- **STRUCTURAL DESIGN**: IS 456:2000
- **STRUCTURAL FLOOR LOADING OF DATA CENTER**: 1500 Kg/sqm
- **FREIGHT ELEVATORS**: 2 elevators with 2.5ton capacity
- **PASSENGER LIFTS**: 2
- **FIRE RATING OF WALLS & DOORS**: 2 hours

**NETWORK**

- **MMR**: Dual meet me room for telecom fiber links.
- **CARRIER NEUTRAL**: Multiple IXs, IP Transit POPs, Multiple Telecom MUXs
- **FIBER PATHS**: Three fiber entry paths to the building.

**COOLING**

- **CHILLERS TYPE**: DX based PAC units.
- **REDUNDANCY**: N+2
- **CONTAINMENT**: Cold Aisle Containment
- **ENVIRONMENT**: Temperature and Humidity as per ASHRAE standards
  - (Temp. 18°C – 27°C, Humidity 30% - 70%)

**AMENITIES**

- Office and Suites
- Work Kiosks
- Conference Room
- Pantry
- Parking

**BUILDING MANAGEMENT**

- **BUILDING MANAGEMENT**: Integrated building automation system
- **PHYSICAL SECURITY**: Boundary wall with barb wire by securing 2.5Mtr height. Motorized entry & Exit gate of building.
- **Retractable Gate & Boom Barrier** after Main Entry Gate Security control room, X-ray Baggage scanner, 24x7 security guard.
- **7 Layer security** till access of Server Hall Racks.
- **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**: FM200 Fire Suppression System for Data Center & Manual extinguishers for Electrical Rooms
- **LEAK DETECTION**: Addressable Water Leakage Detection
- **RODENT CONTROL**: Ultra-sonic rodent repellent

**CERTIFICATIONS**

- TIA 942 Rated 3
- PCI DSS
- ISO 27001, Information Security Management
- ISO 9001, Quality Processes
- ISO 20000, ITIL based Service Delivery
- SAP Certified, ISO 27017 and ISO 27018, Cloud security controls
- ISO 14001, Environmental management system
- SOC 1 & SOC 2, SSAE 16 Certified

**MAIL TO**

marketing@sifycorp.com

www.sifytechnologies.com

OUR END-TO-END ICT SOLUTIONS

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