sify

Our largest AI-Ready
Data Center campus
Mumbai 03

Tried. Tested. Trusted.
Your Digital Infrastructure Partner for over 25 years

Our largest AI-Ready Data Center campus

9 **5** **10** **7** **8** **6**
3 **2** **1** **4**
11 **12**

Mumbai 03 Rabale

■ Operational   ■ Development   ■ Planning

Designed for 12 towers
377+ MW IT capacity

Tower 5 operational
43+ MW IT capacity

Option of **7 Built To Suit** Towers for **280+ MW**

10 levels of access control

4 Dedicated **Fiber Paths**

Access to multiple **Hyperscalers and rich network** ecosystem

99 MW Renewable Energy deployed **42 MW** under commissioning

TOWER 11 & 12 PRE BOOKINGS OPEN

BUILT TO SUIT
80+ MW IT CAPACITY

Mumbai 03 Campus
Technical Specifications

DATA CENTER SHELL

- **Building:** RCC shell and core for ground floor, service floor and seven server hall floors
- **Room Height:** 6300 mm slab to slab. 5100mm clearance from floor to 1st obstruction, 900 mm raised floor
- **Structural Design:** IS 456:2000, Importance Factor 1.5
- **Structural Floor Loading:** 2100 Kg/sqm
- **Freight Elevators:** Minimum 2 elevators with 4 ton capacity each
- **Fire Rating of Walls & Doors:** 2 hours

GLOBAL COMMAND CONTROL CENTER (GC3)

- **Building Management:** Integrated building automation system with PLC SCADA
- **Physical Security:** 10 Level access control. Perimeter protection with licensed electric fence and Intrusion detection, K8 rated wall. Access controlled gates and hydraulic crash guards, Security control room, X-ray baggage scanner, 24x7 security guard service
- **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:** Novec© 1230 fire suppression system for Data Centre and electrical rooms. Option for pre-action water sprinklers available

GC3 @ Noida 02
DCs and Edge DCs in North & East Region

GC3 @ Mumbai 03
DCs and Edge DCs in West & Central Region

GC3 @ Chennai 02
DCs and Edge DCs in South Region

Our AI-powered, interconnected GC3s ensure 24x7 seamless, secure, and scalable data center operations across India with real-time monitoring and rapid response readiness.

ELECTRICAL

- **Power Feeder:** Onsite 110, 220 kV GIS substation
- **Power Capacity:** Designed for 377+ MW IT capacity
- **Power Density:** Power density of 8 -25 kW for air cooled racks and up to 150 kW for Liquid cooled workloads
- **Transformer/Generator Configuration:** N+2C
- **Downstream Power Configuration:** N+N power distribution with overhead bus bars
- **Onsite Fuel Storage:** 48 hours, agreement with 2 fuel supply companies and another fuel supply agency for supply of fuel within 4 hours


COOLING

- **Chiller:** Air cooled chillers with N+2 redundancy. Optional dry coolers for high temperature liquid cooling
- **Environment:** Temperature and Humidity as per ASHRAE standards
- **Containment:** Cold Aisle/Hot isle Containment

NETWORK

- **MMR:** Dual meet me room for telecom fiber links; N+N power with UPS and 5 minutes battery backup
- **Carrier Neutral:** Multiple IXs, IP Transit POPs, Multiple Telecom MUXs
- **Four fiber entry paths to the MMR:** MDF (Network Closet) in every floor, connected to MMR via 4 network risers
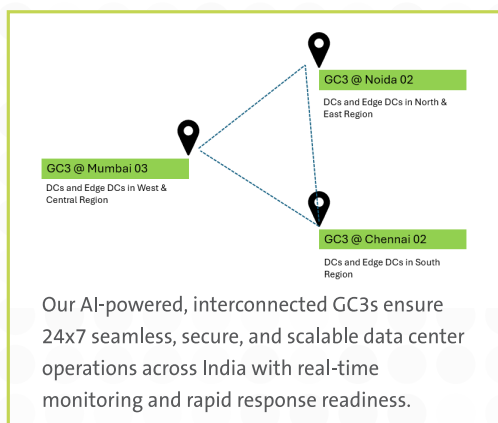
ESG Focus

Data Center MEP

- High efficiency for equipment even at low utilization levels
- Selection of equipment with high energy saving parameters
- Right redundancy levels

Sustainable Processes

- ASHRAE guidelines, IGBC
- ISO 14001 environmental certification
- Carbon abetment policy
- Low PUE, WUE

Green Power Contracts

- Contracted 231 MW green power via power purchase agreements
- Additional nation-wide green power for future projects ~500MW planned to meet long-term sustainability goals

Future Roadmap

- To become RE100 (carbon neutral) by 2030. 29% GHG emission reduction by FY2025
- Secure up to highest RE penetration for Sify DCs, as permitted by regulation
- Targeting high level of renewable energy penetration by year 2025

Applying AI in our Data Centers

The system provides real-time visibility into operations, assets, people, and processes. It tracks operational health, capacity utilization, and metrics based on key performance indicators (KPIs). Additionally, it enhances failure prediction, proactive maintenance, and overall efficiency, leading to improved predictability and performance in operations.

Real-time Visibility ● **Measurability** ● **Predictability** ● **Efficiency**

Benefits

- Increased savings on PUE
- Improved equipment uptime
- Increased person hour savings monthly
- Reduction in operating costs

AI-ready Data Centers

India's First NVIDIA Certified DGX-Ready Data Center Service Provider for Liquid and Air Cooling

Enabling enterprises to **host dense AI workloads up to 200 kW power/rack** with scalable infrastructure, robust power, advanced cooling, and high-speed, low-latency connectivity.

Modern cooling solutions for high density AI based deployments

Rear door heat exchanger
Ideal for 20-50 kW Rack load
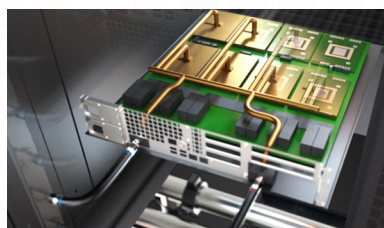
Direct-to-chip
Ideal for 50-132 kW Rack load

Liquid immersion cooling
Ideal for 50-200 kW Rack load

Future ready Digital Data Center infrastructure
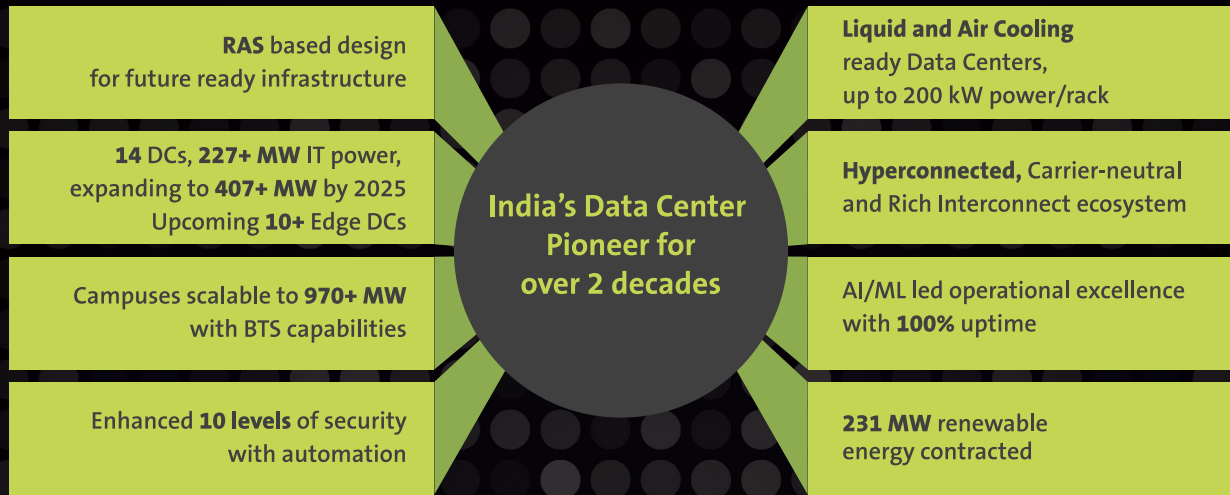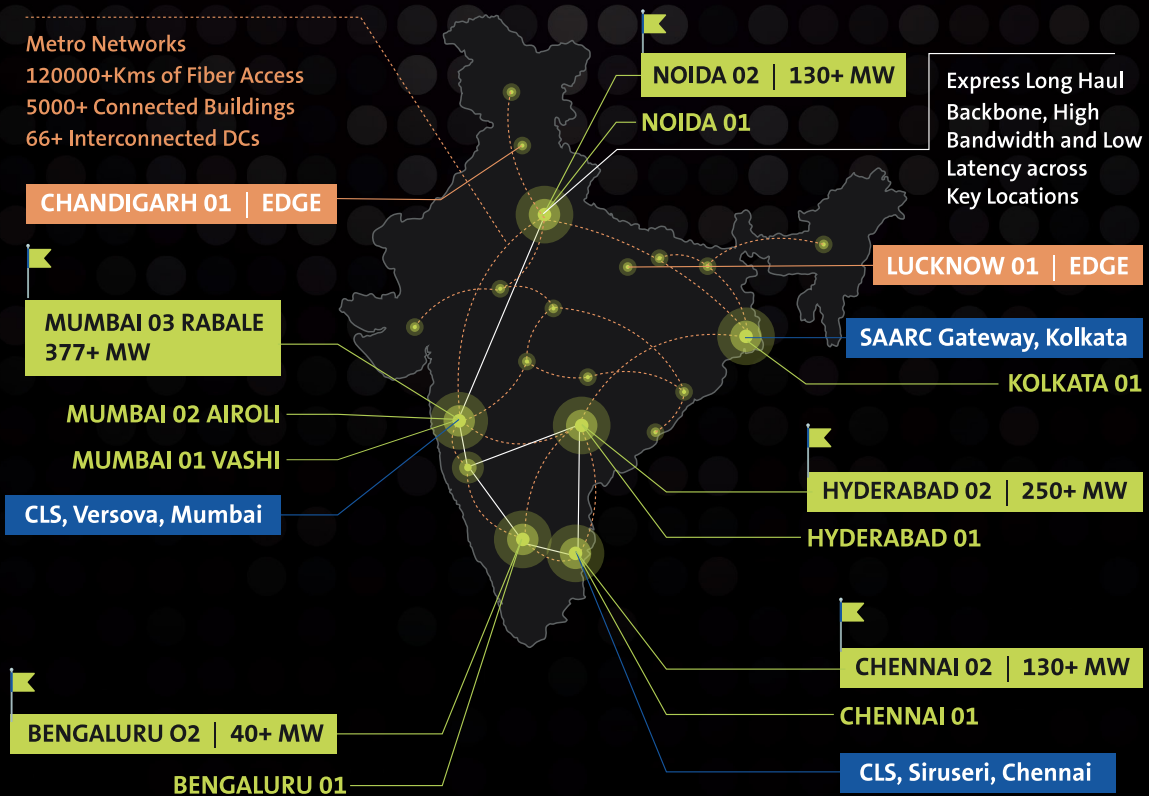
India's Data Center Pioneer for over 2 decades

RAS based design for future ready infrastructure

14 DCs, **227+ MW** IT power, expanding to **407+ MW** by 2025 Upcoming **10+** Edge DCs

Campuses scalable to **970+ MW** with BTS capabilities

Enhanced **10 levels** of security with automation

Liquid and Air Cooling ready Data Centers, up to 200 kW power/rack

Hyperconnected, Carrier-neutral and Rich Interconnect ecosystem

AI/ML led operational excellence with **100%** uptime

231 MW renewable energy contracted

India's Top 10 Banks, Top 4 Manufacturing, 3 Major Hyperscalers, Global Social Media, OTT Players and 10K+ Enterprises trust Sify

Metro Networks
120000+Kms of Fiber Access
5000+ Connected Buildings
66+ Interconnected DCs

CHANDIGARH 01 | EDGE

MUMBAI 03 RABALE 377+ MW

MUMBAI 02 AIROLI

MUMBAI 01 VASHI

CLS, Versova, Mumbai

BENGALURU O2 | 40+ MW

BENGALURU 01

NOIDA 02 | 130+ MW

NOIDA 01

Express Long Haul Backbone, High Bandwidth and Low Latency across Key Locations

LUCKNOW 01 | EDGE

SAARC Gateway, Kolkata

KOLKATA 01

HYDERABAD 02 | 250+ MW

HYDERABAD 01

CHENNAI 02 | 130+ MW

CHENNAI 01

CLS, Siruseri, Chennai

Sify Digital ICT services with agility, flexibility, choices to empower your digital transformation

Network Infra Services

Network Digital Managed Services

Data Center Colo Services

CloudInfinit+AI GPU Cloud

Cloud & IT Managed Services

Digital Apps Managed Services

Industry Apps Managed Services
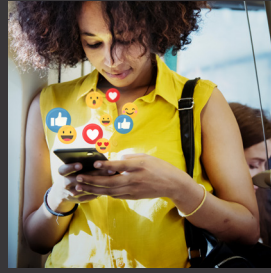
Security Managed Services

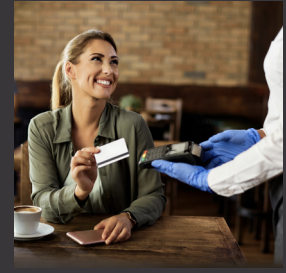# Sify's Data Centers are trusted by leading enterprises across the globe

Including 3 out of 4 hyperscalers

Global OTT players to connect to millions of subscribers

World's leading social media network

Europe's leading payment gateway provider

India's top 10 banks

India's largest digital wallet and new-age fintechs

India's largest general insurance company and large NBFCs

More than 600+ premier enterprises across industries

Certifications

MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY

NVIDIA

INSI/TIA-942-2017 RATED 3 TIA-942

CERTIFIED COMPANY ISO 27001:2013

ISO 20000-1:2011

PCI DSS

AICPA SOC

AICPA SOC 2

QUALITY ISO CERTIFICATION 9001:2008

ISO 14001

ISO 45001:2018

ISO 27017 Certified

ISO 27018 Certified

Indian Green Building Council

Recognitions

CIO Choice 2025 for AI Ready Data Centers

IDC Analyze the Future — Leader in MarketScape for India Data Center Services 2024

TIMES NOW Award for Sustainability 2024

ASSOCHAM — Innovation in Data Center 2024

ET NOW — Best Future-Proof Data Center Project 2024

Gartner — Sify is a Niche Player in Gartner's MQ for Managed Network Services Global 2024

IDC Analyze the Future — Major player in MarketScape for Managed Cloud Services APAC 2024-2025

FORTUNE 500 2020

25 years on Nasdaq

Fast track your digital transformation journey with a more agile, resilient, scalable, AI-Ready infrastructure supported by a trusted partner who is charting India's digital growth story.

Sify Data Centers

Mumbai | Noida | Hyderabad | Bengaluru | Chennai | Kolkata

Reimagine your
Data Center experience

sify

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