

## HIGH PERFORMANCE SPECIFICATIONS

### LOCATION

Area	Chandivali
Access	15 minutes by car from International Airport 25 minutes from Domestic Airport 8 minutes from Saki Naka Metro Station 18 minutes from Western Express Highway 23 minutes from Eastern Express Highway Distinct routes to Western and Eastern Express Highways ensuring multiple entry and exit points for material and customers to the facility

### FIRE PROTECTION

VESDA + SBT Detectors
NOVEC 1230 Gas for fire suppression

### HIGH DENSITY RACK

Power Capacity	Can cater upto 12KVA/rack
Cooling	PAHU on UPS power to provide thermal ride through in case of utility-DG change over

### BUILDING SPECIFICATION

Firm concrete building, Green Field project Raised Floor Load Bearing Capacity	1500 kgs/sq.mt.
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### STANDARD RACK

Type	Front and rear perforated door
Size (WxDxH)	600mm x 1000mm x 2100mm (42U)

### POWER

Power Receiving	Multiple 11KV feeders
Distribution	UPS system with N+N redundancy
Generator	Dual Power feed through PDU with isolation transformer
Power Provision	Power supply to a rack: 3.0 - 12.0 KVA

### COOLING

System	Air-cooling system with N+2, precision AC Management of temperature and humidity
Bottom throw	Raised Floor air conditioning system
Plenum Type	Bottom discharge below raised floor and return air via ceiling

### CONNECTIVITY

Multiple carriers (Carrier Neutral)	TCL   Bharti Airtel   Reliance   TTSL MTNL   Aircel   Sify   Vodafone
Cables coming from redundant fibre paths in multiple Meet Me rooms	

### OTHERS

Certifications	ISO27001, ISO9001, SAP and ISO20000
Business Facilities	Presentation room   Meeting room Dedicated customer room



# Mumbai Data Center 5



300,000 sq. ft.

2,700 racks

28 MW IT power



FOR FURTHER DETAILS PLEASE CONTACT

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## HIGH DENSITY HOSTING ENVIRONMENT SERVICES OFFERED

- 300,000 sq. ft. of space
- Capacity to host 2700 racks and 28 MW power
- Availability of 99.999% achieved using UPS and emergency generators, guarantees truly stable operations
- 28 MVA of facility power
- Equipped with fully redundant power and cooling systems and network devices



## NETWORK CONNECTIVITY - 4 DIVERSE FIBER PATHS

- Carrier-neutral facility to ensure reliability at network levels, via 4 distinct fibre paths entering the facility, all the way to the Meet Me Rooms.



## POWER INFRASTRUCTURE

11 KV feed through redundant lines from 60 MW Tata Power substation located adjacent to the facility. This sub-station itself is supplied by two separate upstream 110 KV substations and generating stations to ensure redundant power supply.

### Redundancies at rack level:

- Rack power upto 15 KW
- Redundant transformer based PDUs aligned on two sides of each rack row
- PDUs supplied by N+N redundant UPSs backed by batteries located on same floor
- 200,000 litres (50,000 x 4) diesel tanks that ensure non-stop power for 48 hours on full-load



## HIGH LEVELS OF AUTOMATION

- Automated change over from main feeder to DG and vice versa
- Automated fuel movement from fuel storage to DG sets
- Auto start/stop of multiple chillers as per load conditions
- Auto disabling of access control and release of fire suppression gas in case of fire detection

- 1 Walk-in Security
- 2 14 Feet High Perimeter Wall
- 3 Vehicle Entry Gate
- 4 Vehicle Scan and Security
- 5 Vehicle Exit Gate
- 6 Lobby
- 7 to 11 Data Center Floors
- 12 Customer Seating Area and NOC
- 13 Corporate Office
- 14 Chiller Platform
- 15 Material Entry Route
- 16 Cargo Bay - Independent cargo handling through a cargo lift with a capacity of 3000+ kg
- 17 Transformers



## SERVICES OFFERED

- Data Center Hosting - Colocation
  - Hosted IT Infrastructure - Managed Dedicated Hosting
  - Cloud Computing (IaaS) - Public | Private | Hybrid | DR on Cloud
  - Managed Services - RIM, IMS and Managed Security
  - App Hosting
- All the above services are offered for both Primary and DR needs.



## STATE-OF-THE-ART OPERATIONS

- At Netmagic, our operations team works on the C-S-P methodology  
C = Customer centricity  
S = SLA driven delivery  
P = Proactive support
- These are based on NTT-Netmagic's domain expertise in delivering IT infrastructure services to over 2,000 customers globally
- Complete material movement from truck to the server hall without any tilt



## SECURITY

- Six levels of controls, with over 280 IP based CCTV Cameras
- 24x7 on-site security presence
- Building access only via Photo ID, metal detector, vehicle scan, boom barrier
- Access card and bio-authentication required for room access



## NEW TECHNOLOGY INNOVATIONS

- Virtual Private Cloud
- Virtual Load Balancer as a Service
- Next-Gen Backup and Archival
- Improved Data Center Network Architecture



## MONITORING

- Centralized Building Management System (BMS) to monitor every part of the facility
- Customers can monitor their infrastructure, tickets via the myNetmagic portal

