



# STT NAVI MUMBAI DC Campus

Navi Mumbai has evolved as a key IT hub in the region, with excellent road and railway connectivity, industrial complexes, ample power capabilities, accessibility to Grade-A commercial space, and the upcoming international airport. Navi Mumbai has an abundance of infrastructure, backed with exceptional connectivity to Mumbai, making it a popular data centre hub.

STT GDC India presently owns and operates three cutting-edge data centres in Mumbai, all strategically positioned in key locations and have become important focal points for many enterprises. As part of STT GDC India's multi-megawatt capacity expansion plan, which includes the addition of the latest Campus located in MIDC Mahape, Navi Mumbai, with 3 state-of-the-art data centre facilities that are designed to meet stringent business requirements and are expected to deliver unrivalled performance in terms of network connectivity, IT space availability, security, and reliability.

## Building Overview

- 3DC buildings - DC1, Ready for service (RFS) 31st July 2024, DC 2-G+8 floors & DC3-G+7 floors
- Location: MIDC Mahape, Navi Mumbai
- Gross Area: - 11.48 acres
- Power Capacity: DC1-24 MW, DC2-40 MW, DC3-40 MW of IT load
- Slab-to-Slab Height: 6.2 meters, up to 55U racks
- Floor Loading: 1500-2999 Kg/sq. meter
- Loading Bay: Under roof loading dock
- Freight Lift: 2 nos.
- Complaint to TIA - 942 Rated 3



### Power

- Dual diverse power path from two independent 220 KV & 400 KV substation
- Scalable design with redundant configuration for all key components
- Designed for up to 15 KW density and average rack density of 5 KW
- Redundant transformers and DGs in Swing arrangement .
- UPS system and its distribution till the last mile in 2N configuration.
- On-site fuel storage of 48 hours at full load



### Cooling

- Redundant Air-Cooled Chillers with quick restart function
- Dual redundant header pipe and pumps in N+1 redundancy
- Dual Coil CRAC (PAHU) Machines with EC Fans in N+1 redundancy with dual power feed
- Primary power source of CRAC unit and pump from a separate UPS system
- 5.5 mins of Thermal Energy Storage (TES) / Buffer tank



### Connectivity

- Carrier-neutral facility
- 4 Diverse fiber entry path to the DC
- Multiple and separate MMR Rooms with Diverse Data Shaft
- Provision for seamless implementation of Fiber Guide System (FGS), multi-tier cable trays and secure conduits



### Security

- Multi layer of physical security
- No multi tenancy risk
- State-of-the-art fire detection and suppression systems
- High-level physical security, biometric access management & 24X7 CCTV monitoring

## STT Global Data Centres India Private Limited

C/o Tata Communications Ltd., Tower B, 5th Floor, Plot No. C 21 & C36, G Block, Bandra Kurla Complex,  
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