

Intelligent Data Center and Hybrid Cloud | Global Data Centers

Mumbai Data Center 7

375,000 square feet of space | 5000 Racks |
25.6 MW IT Power



Infrastructure

Data center space

- 375,000 square feet of space.
- Capacity to host 5000 Racks and 25.6 MW IT Power.
- Uptime of 99.99% achieved through redundant infrastructure.
- 35 MW of facility power.

USPs

- Power elasticity.
- Built-to-suit wholesale colocation.
- Dedicated data center building.
- Customized power options.

Network connectivity – Four diverse fiber paths

- Carrier-neutral facility to ensure reliability at network levels via four distinct fiber paths entering the facility, all the way to the meet me rooms.
- International connectivity redundancy – Airtel | TCL | TTML | Reliance Communication | MTNL | Sify | Vodafone.
- Local Loop connectivity is established through state of art SDH standards based on optical MUXs.

Heat, ventilation, air conditioning infrastructure

- High-volume, zone temperature control systems
- Multiple precision air conditioning units, with (N+1) redundancy to ensure optimal temperature is maintained at 22°C+2°C
- Cooling load designed in a way that any unit of cooling capacity could be lost without a degradation of Internal DC environment
- HVAC units powered by normal electrical systems

Power infrastructure

- HT power feed.
- Diesel emergency generator of 24x2500 KVA (full configuration), (Separate power loads).
- Data center receives power at a stable voltage level of 11 KV.
- The UPS systems redundant with bridging time minimum of 10 minutes battery at full load, without addition of any power.
- A UPS of N:N; 1000 KVA Modules.
- Standard power per Rack either 32A or 16A.

Fire protection

- Monitoring with automatic digital fire alarm system.
- Smoke detection early warning system (VESDA) takes care of AC generated airflow.
- The entire campus is protected with (NOVEC) based fire suppression that extinguishes any fire in 10 seconds on the release of the gas.
- All the checks and protocols are followed from time to time like fire drills, fire safety training to the employees, escalation of warning signals to appropriate persons and regular system checks to ensure effective functioning.

Security

- 24x7 on-site security presence.
- Building access only via photo ID, metal detector, vehicle scan, boom barrier.
- CCTV cameras for 24x7 surveillance, with a one month footage storage.
- The facility is protected against rodent attacks.

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 of the above services are offered for both Primary and DR needs).

State-of-the-art operation

Our operations team works on the C-S-P methodology

- C = Customer centricity
- S = SLA driven delivery
- P = Proactive support.
- These are based on our 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.

Our Data Center network

- Over 160 data centers around the world.
- Connectivity options to the global network.
- Access and use of Technology Experience Labs with a worldwide partner network.

New technology innovations

- Improved Data Center Network Architecture.
- Next-Gen Backup and Archival.
- SD-WAN.
- Virtual Private Cloud.

Monitoring

- Centralized Building Management System (BMS) to monitor every part of the campus.
- Customers can monitor their infrastructure, tickets via the [myNetmagic portal](#).

About Global Data Centers and Cloud Infrastructure, India

Global Data Centers and Cloud Infrastructure, is the India region of NTT Global Data Centers – a division of NTT Ltd. – the other three regions being Americas, EMEA and APAC. Our combined global platform is ranked amongst the top three leaders worldwide by IDC MarketScape, with over 160 data centers spanning more than 20 countries. Headquartered in Mumbai, the Global Data Centers and Cloud Infrastructure has been recognized by SP Global as the No. 1 Data Center service provider in the country in terms of market share, with its first and largest operational hyperscale Data Center Park in Mumbai. With over USD 2 Bn investment in the next four years in building six new Data Center Parks and landing stations would help us to consolidate our ICT presence and double our footprint in India. As India's leading managed hosting and hybrid multicloud solution provider serving more than 2500 clients, we offer Remote Infrastructure Management (RIM) services to various enterprise customers globally and was the first to launch – Cloud Computing, Managed Security, Disaster Recovery-as-a-Service (DRaaS) and Software-Defined Storage in the country.

About NTT Ltd.

NTT Ltd. is a leading global technology services company. Working with organizations around the world, we achieve business outcomes through intelligent technology solutions. For us, intelligent means data driven, connected, digital and secure. Our global assets and integrated ICT stack capabilities provide unique offerings in cloud-enabling networking, hybrid cloud, data centers, digital transformation, client experience, workplace and cybersecurity.

As a global ICT provider, we employ more than 40,000 people in a diverse and dynamic workplace that spans 57 countries, trading in 73 countries and delivering services in over 200 countries and regions. Together we enable the connected future. Visit us at hello.global.ntt.

Recent Accolades



CIO Choice Awards 2021

- Hyperscale Data Center
- Hybrid Cloud
- Managed Network Services
- Managed Security Services
- System Integrator



Enterprise IT World 2021

Most Consistent Data



BroadGroup Best Data Center Service Provider 2021



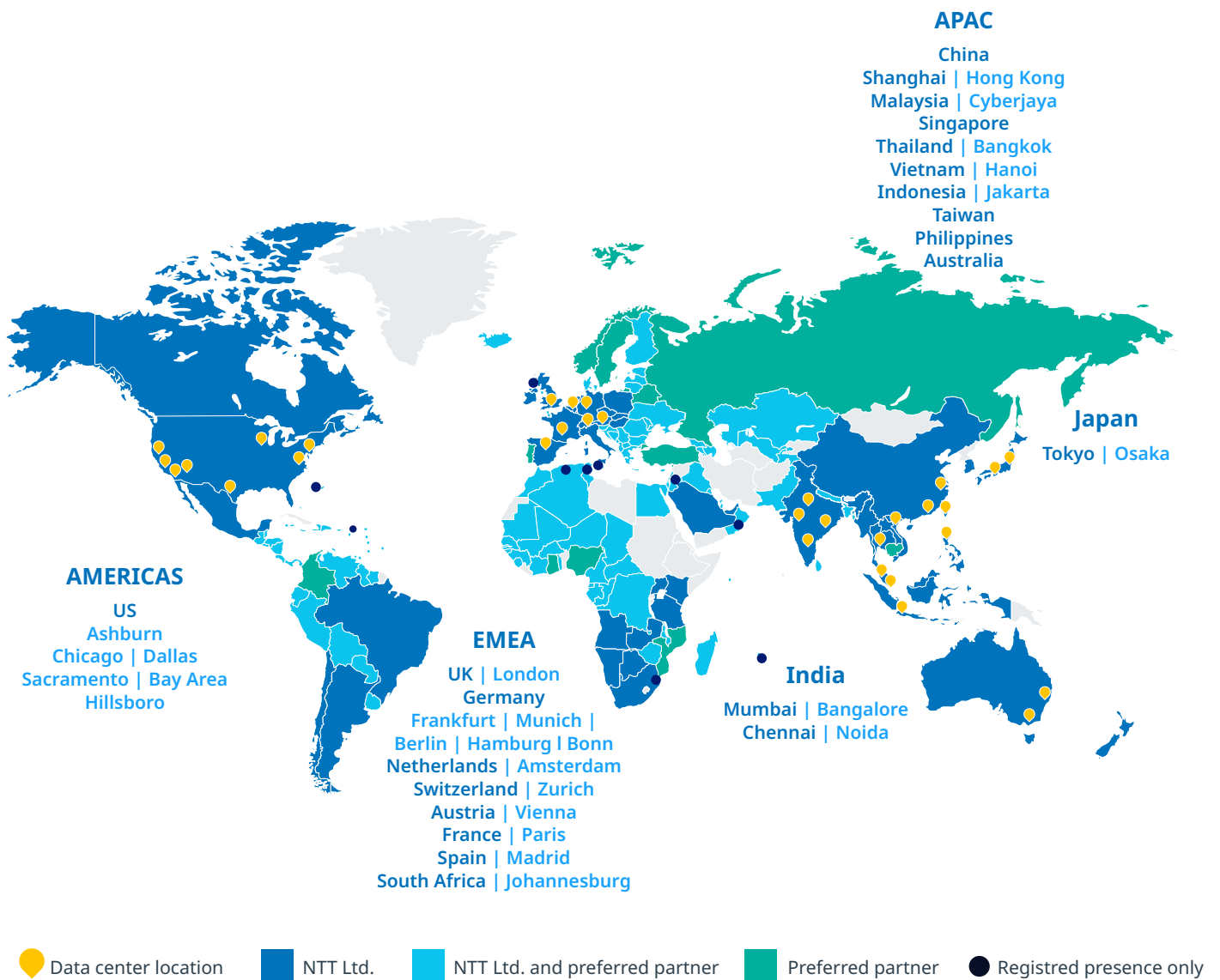
The Economic Times Best Tech Brands Award 2021



Datacenter Dynamics Awards 2019

Multi-Tenant Datacenter Award and Operations Team of the Year

**Flexible connection to data centers and clouds:
20+ countries and 500,000 sqm server space**



NTT in numbers and facts



