



Intelligent Data Center and Hybrid Cloud | Global Data Centers

# Bengaluru Data Center 3

250,000 sq. ft. | 2,500 racks | 12 MW IT power

## High density hosting environment services offered

- 250,000 sq. ft. of space
- Capacity to host 2,500 racks and 12 MW IT power
- Uptime of 99.99% achieved through redundant infrastructure
- 20 MW of facility power

## USPs

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

## Network connectivity

### Three diverse fiber paths

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

## Power infrastructure

- Express feeders from BESCO feeding our 66KV power substation
- Customized power options from 3KVA to 15KVA
- Isolation transformer based PDUs aligned on two sides of each rack row
- PDUs supplied by N+N redundant UPS backed by batteries located on same floor
- N+2 redundancies for transformers and generators for concurrent maintenance

## 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 services are offered for both primary and DR needs.

## High levels of automation

- Automated changeover 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

## State-of-the-art operations

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

- C = Customer centricity
- S = Service level agreement (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

## Security

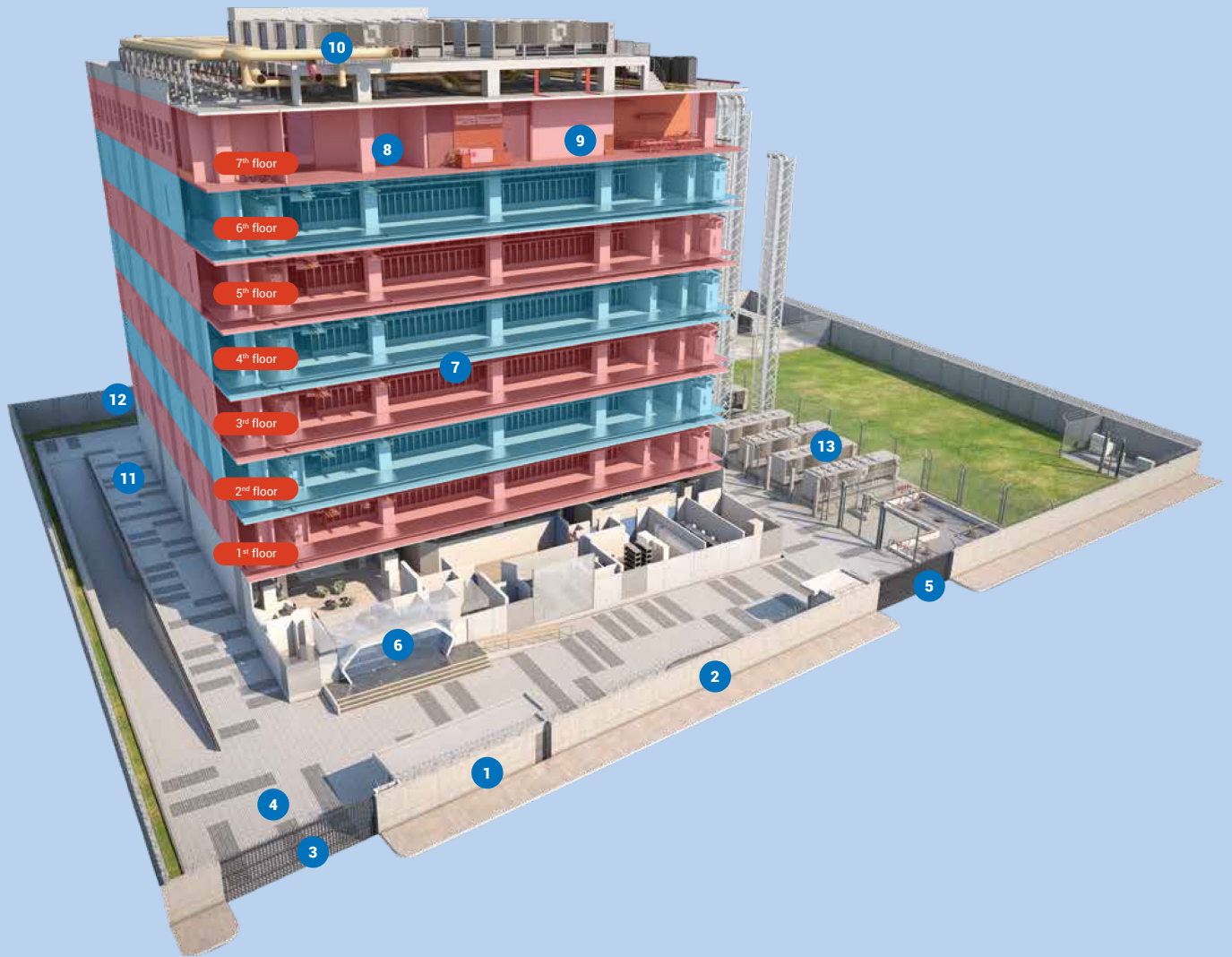
- Seven levels of controls, with CCTV cameras for 24/7 surveillance
- 24/7 on-site security presence
- Building access only via photo ID, metal detector, vehicle scan, boom barrier
- Access card and bio-authentication required for server room access

## 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 facility
- Customers can monitor their infrastructure, tickets via our portal



- |          |                             |           |                                                             |
|----------|-----------------------------|-----------|-------------------------------------------------------------|
| <b>1</b> | Walk-in security            | <b>8</b>  | Customer seating area and network operations center (NOC)   |
| <b>2</b> | 14 feet high perimeter wall | <b>9</b>  | Regional office                                             |
| <b>3</b> | Vehicle entry gate          | <b>10</b> | Chiller platform                                            |
| <b>4</b> | Vehicle scan and security   | <b>11</b> | Material entry route                                        |
| <b>5</b> | Vehicle exit gate           | <b>12</b> | Cargo bay - Independent cargo handling through a cargo lift |
| <b>6</b> | Lobby                       | <b>13</b> | Generator and fuel tank yard                                |
| <b>7</b> | Datacenter floors           |           |                                                             |

