Colt Mumbai Data Centre

Data centre specification

colt
Data Centre Services

Colt Mumbai Data Centre

New facility underway powered by 120MW of IT power

Colt Mumbai Data Centre is situated at the prime location of Navi Mumbai, offering quick and easy access to the city's primary transport hubs including the Chhatrapati Shivaji Maharaj International Airport, the Airoli Railway Station, and the soon to be completed Digha Railway Station. It is also well connected by Thane-Belapur Road.

A key location for the development of data centre infrastructure, this site is especially attractive with its access to highly resilient power utility and high concentration of fibre routes.

The facility is being built by an international design and delivery team, and is being delivered in multiple phases (500-1,000m^2 data halls, capable of delivering up to 1.50MW IT per 500m^2).

On completion, this site will provide 120MW of IT power across 62,000m^2 and offer an annual PUE of 1.45.

Service excellence

Our team is responsible for the entire design, build, and operation of our Colt Mumbai Data Centre. This includes management of the data halls, capacity management, security, energy procurement and the programme of planned preventative and corrective maintenance work.

With a single point of contact, you can be sure to receive the highest level of service to support your data centre needs 24/7.

Colt Mumbai Data Centre

Facility Overview

- Building Management System (BMS)
- 500-1,000m^2 data halls
- Gross site area of 62,000m^2
- Designed to a PUE of 1.45
- Parking facilities
- Office facilities

Power Capacity

- 120MW IT
- Up to 1.50MW IT per 500m^2
- Average power density 3.0kW/m^2
- Dedicated 220kV on-site sub-station delivered day one
- N+1 redundancy on power supply
- 48 hours fuel storage

Connectivity

- Carrier neutral
- Diverse connectivity & underground cable pathways to the building
- Dedicated interconnect rooms for cable connections
- Multiple carriers immediately available
- Numerous diverse routes available to key carrier hotels
- Excellent fibre connections with a high concentration of fibre routes

Fire Control

- All load-bearing walls F90 certified
- Fire detection and suppression systems connected to the BMS system
- Addressable analogue alarm system with double knock out condition to initiate gas release above and below floor
- Fire alarm system connected to the operations centre of the Fire Brigade and locally to the Security Control Room

Security

- 24/7 onsite security, monitored by multiple guards
- Biometric fingerprint security
- Full CCTV coverage
- Secure elevators between floors
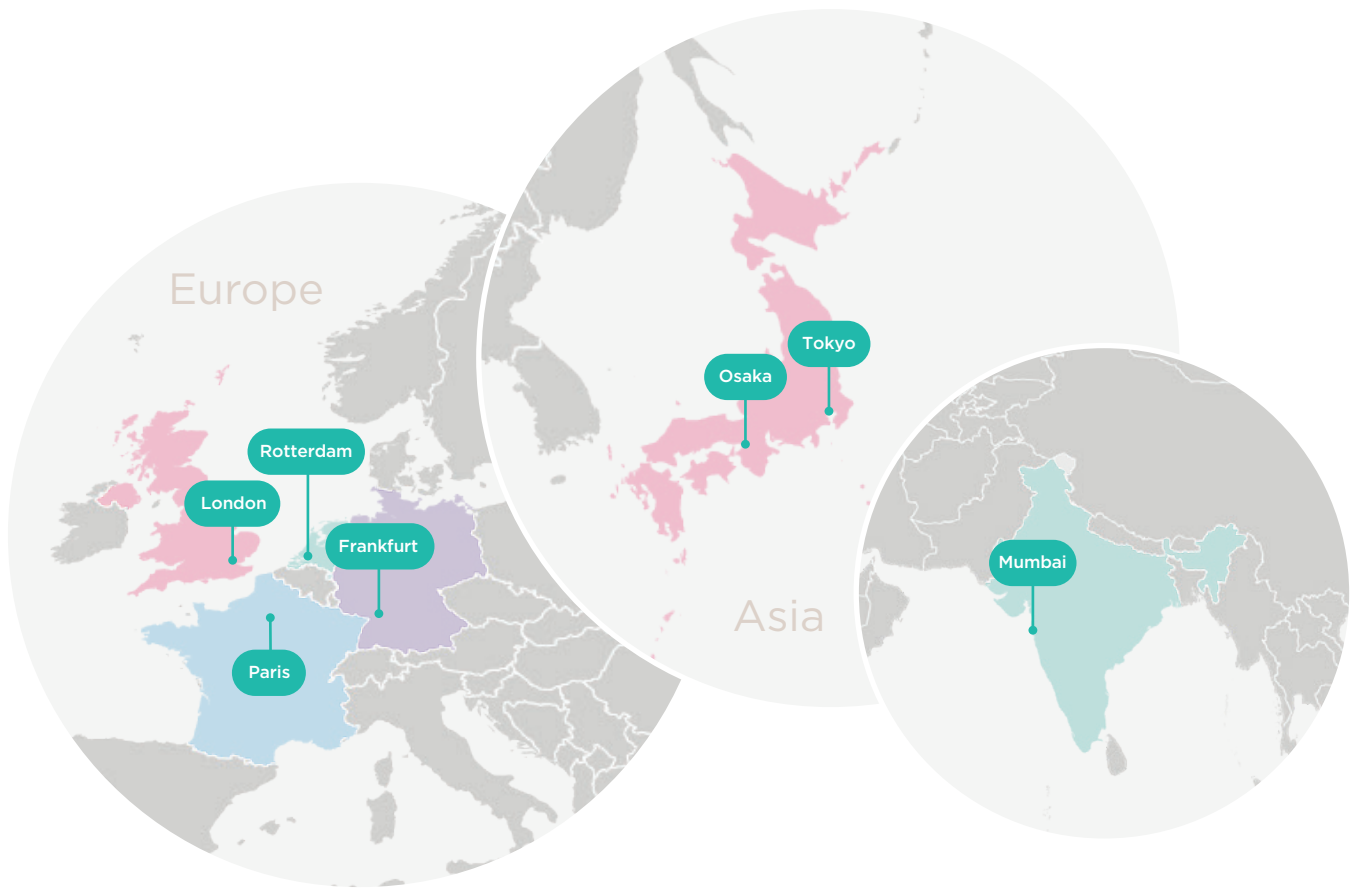- Secure loading docks for deliveries

Cooling

- PKDX cooling units
- N+2 cooling units per 500-1,000m^2 data hall
- Hot aisle containment to ensure high air conditioning efficiency

Environmentals

- No flood risk designation by Environmental Agency
- Close to Chhatrapati Shivaji Maharaj International Airport
- Access to Airoli Railway Station, and the soon to be completed Digha Railway Station
- Located at Thane-Belapur Road

Europe

Asia

Rotterdam

London

Frankfurt

Paris

Tokyo

Osaka

Mumbai

Our Carrier Neutral Data Centre Locations

France
Colt Paris South West Data Centre

Germany
Colt Frankfurt City Data Centre
Colt Frankfurt West Data Centre

India
Colt Mumbai Data Centre

Japan
Colt Osaka Data Centre
Colt Osaka Keihanna Data Centre
Colt Tokyo Shiohama Data Centre
Colt Tokyo Inzai Data Centre
Colt Tokyo Inzai Data Centre Two
Colt Tokyo Inzai Data Centre Three
Colt Tokyo Inzai Data Centre Four
Colt Tokyo Otemachi Data Centre

Netherlands
Colt Rotterdam Data Centre

United Kingdom
Colt London West Data Centre
Colt London North Data Centre
Colt London Hayes Data Centre

0800 358 3598   +44 20 3003 4584   dcsinfo@colt.net   www.coltdcs.com

@ColtDataCentres   Colt Data Centre Services   Colt Data Centre Services   Colt Data Centre Services

Colt DCS provides true service and operational excellence in the sustainable design, build, delivery and operational management of hyperscale data centres across Europe and APAC. We provide data centre solutions to hyperscale and large enterprise customers across 16 state-of-the-art-carrier neutral data centres spanning 7 cities.

Our hyperscale and colocation solutions allow our customers freedom to plan effectively for the growth of their business, knowing that their data centre strategy is ready for the demands of tomorrow.

We have over 25 years of experience in the industry, delivering on our vision of being the most trusted and customer centric data centre operator in the market. We put environmental awareness at the heart of everything we do because we know it's the right thing to do for our planet. That's why we're taking the ownership to reduce our environmental impact globally and make sustainability a key strategic driver.

As part of our sustainability journey, Colt DCS has set comprehensive near-and long-term Science Based Targets to cut our emissions in line with the SBTi's latest Net Zero Standard.

www.coltdatacentres.net

Accreditations:

ISO 27001
ISO 14001

colt
Data Centre Services