

# Colt London North Data Centre

Data centre specification



# Colt London North Data Centre

## Powered by 41MW of IT power

Colt London North Data Centre offers a gross site area of 44,000m<sup>2</sup>, providing secure and flexible space.

### Highly efficient carrier neutral data centre facility in London

Colt London North Data Centre is a state of the art carrier neutral facility situated just 30 minutes train journey north of London's Kings Cross station. The data centre offers industry leading power efficiency within discreet space with dedicated mechanical and electrical infrastructure for each customer.

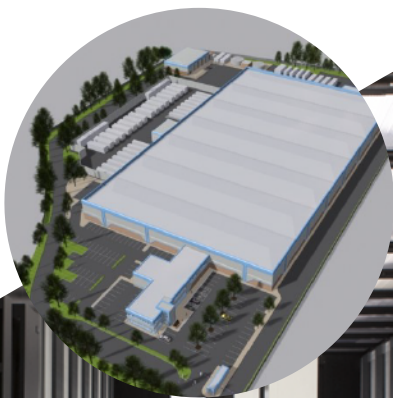
Space and power can be scaled to meet your business critical needs with flexible options for power density and resilience.

### Service excellence

- The prestigious Uptime institute's management and operations (M&O) stamp of approval awarded
- High level of reliability and resilience
- Consistent and efficient service delivery
- ITIL based service management methodology
- ISO 14001 and ISO 27001 certified

Our team is responsible for the entire mechanical and electrical infrastructure within our Colt London North 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 of the highest level of service to support your data centre needs 24/7



## Facility Overview



- Gross site area of 44,000m<sup>2</sup>
- Colt Tier 3 certified
- Design PUE of 1.21
- Heavy duty raised floor
- Temperature and humidity in line with ASHRAE guidelines
- Parking facilities
- Office facilities

## Power capacity



- Over 41MW IT
- Substation 1 - 30MVA/132kV
- Substation 2 - 8MVA/11kV
- Dedicated, centralised UPS (N+N) to each data hall
- Range of power densities
- 1500-3000w/sqm<sup>2</sup>
- N+1 or N+N generators provisioned per data hall
- 10 minutes battery autonomy

## Connectivity



- Carrier neutral
- Multiple, diverse entry points into data centre
- Alternate carrier routing (connectivity to cloud - AWS, Azure etc) where feasible as requested by the customer

## Fire Control



- Addressable analogue alarm system with double knock condition to initiate gas release above and below floor
- Inertgas(Inergen,Argonite,Proiner) in all data halls and UPS rooms
- HSSD smoke detection (VESDA) above and below raised floor and across fresh air louvers

## Security



- On-site security 24x7, multiple guards
- High security perimeter fence
- Photo badge card access system
- Vehicle trap
- Mantrap access to data halls
- Central alarm monitoring with optional cabinet monitoring
- Full CCTV coverage
- Secure tenant areas available for equipment delivery storage and/or cabinet build/test area
- ISO 27001 certification

## Environmentals

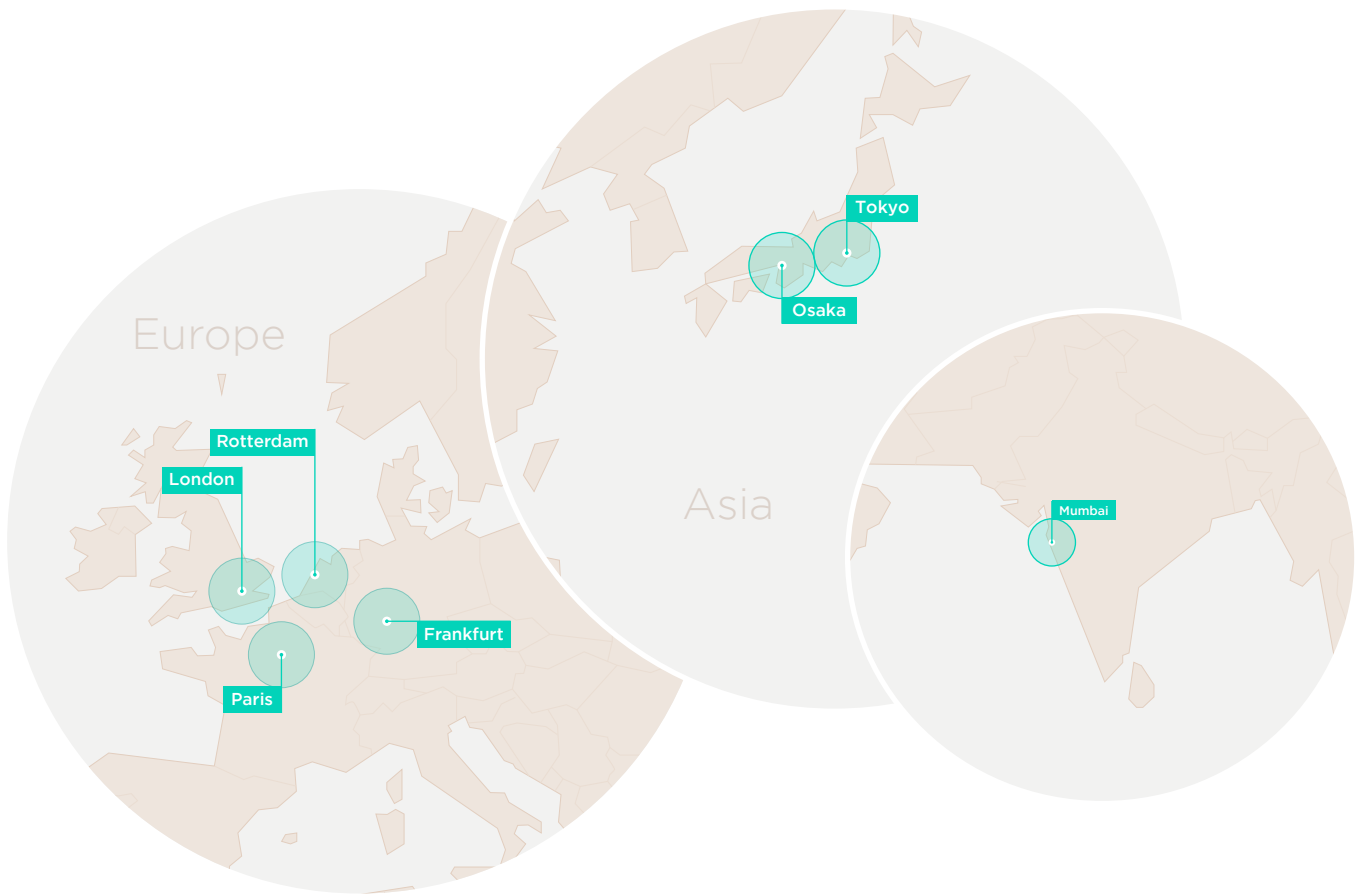


- Lowest risk designation by Environmental Agency at 1:1000
- 1.4km (0.86miles) from the nearest railway line
- 16km (10 miles) from the nearest major airport
- No COMAH registered sites operating within 5km (3 miles)

## Energy efficiency



- Colt's London North modular data centre is highly efficient cooling (direct, indirect, DX and Adibatic used)
- Free cooling most of the year
- Design PUE 1.21
- Comprehensive energy monitoring system as standard



## 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 Otemachi Data Centre


### Netherlands


Colt Rotterdam Data Centre

### United Kingdom


Colt London West Data Centre  
Colt London North Data Centre

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 [Colt Data Centre Services](https://www.youtube.com/ColtDataCentreServices)

 [Colt Data Centre Services](https://www.linkedin.com/ColtDataCentreServices)

 [Colt Data Centre Services](https://www.instagram.com/ColtDataCentreServices)

Colt Data Centre Services provide true service and operational excellence in the sustainable design, build, delivery and operational management of hyperscale data centres across Europe and the APAC. We provide data centre solutions to hyperscale and large enterprise customers across 14 state of the art carrier neutral data centres spanning 8 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 center 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, alongside our sister company we are committed to achieving global net zero emissions for our own operations by 2030.

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Ref: 2022-07-06-DS-LNORTH-EN

Accreditations:

ISO 27001  
ISO 14001



**colt**  
Data Centre Services