# Colt London North Data Centre

## Data centre specification

# Colt London North Data Centre

## Powered by 38MVA

**Colt London North Data Centre has over 12,500sqm of secure and flexible space providing market leading services.**

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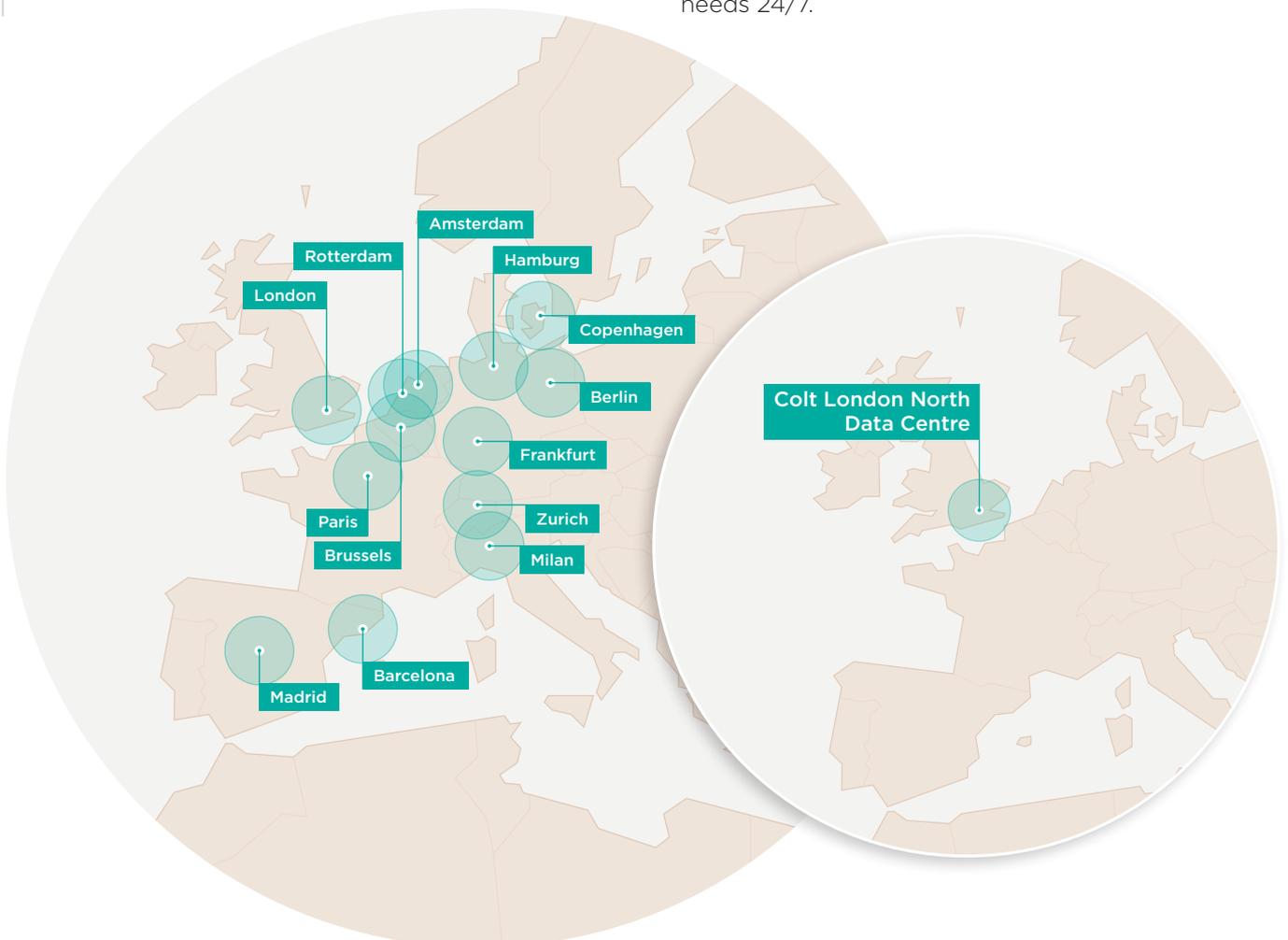
Space and power can be scaled to meet your business critical needs with flexible options for power density and resilience.

### 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

- 21,500sqm of technical space
- Colt Tier 3 certified
- 38MVA power
- Carrier neutral
- Design PUE of 1.21
- Heavy duty raised floor
- Temperature and humidity in line with ASHRAE guidelines
- Parking facilities
- Office facilities

## Power capacity

- Total power provision 38MVA
- Substation 1 - 30MVA/132kV
- Substation 2 - 8MVA/11kV
- Dedicated, centralised UPS (N+N) to each data hall
- Range of power densities
- 1500-3000w/sqm
- 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
- Inert gas (Inergen, Argonite, Proinert) 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
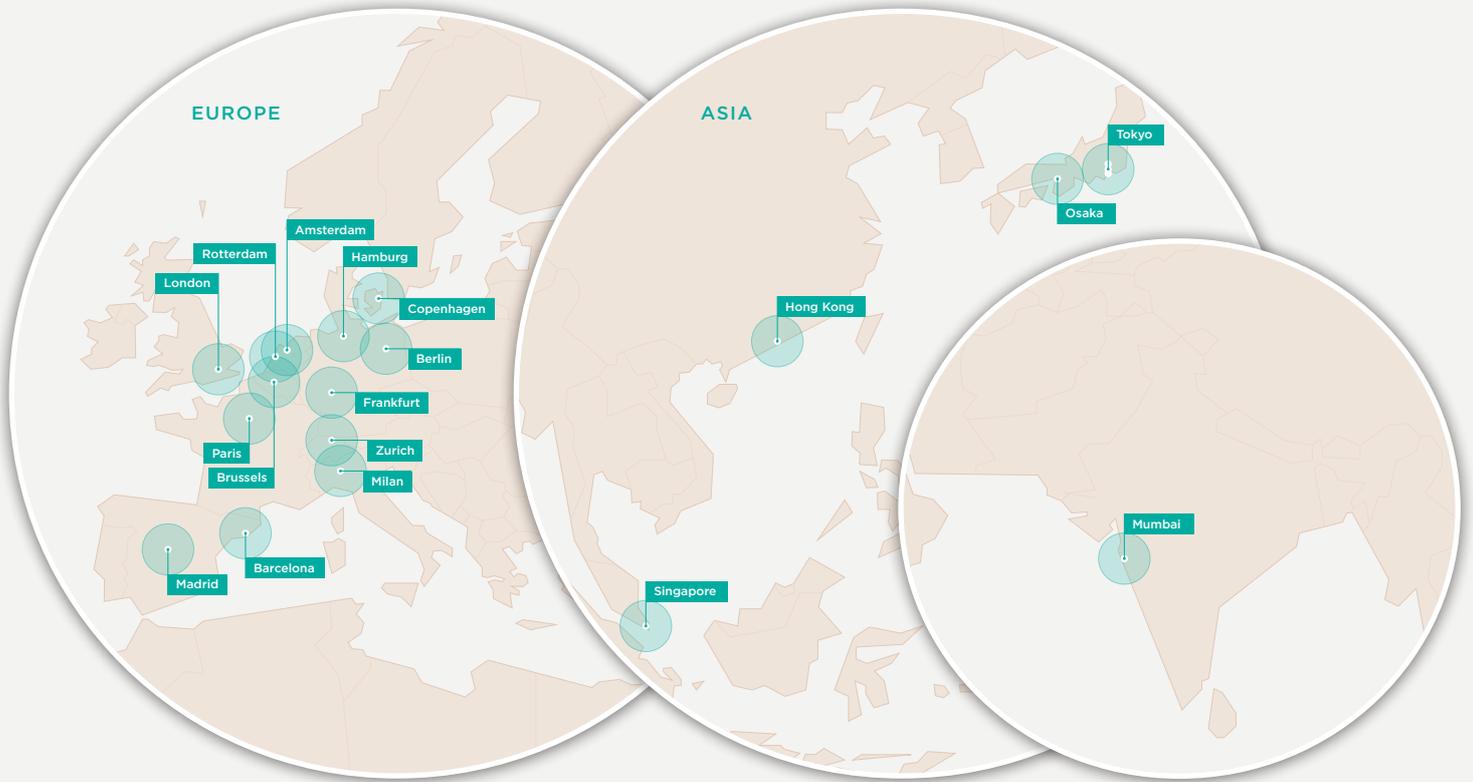- ISO 27001 certification

## 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

EUROPE

London
Rotterdam
Amsterdam
Hamburg
Copenhagen
Berlin
Frankfurt
Paris
Zurich
Brussels
Milan
Madrid
Barcelona

ASIA

Tokyo
Osaka
Hong Kong
Singapore

Mumbai

# Our **Carrier Neutral** Data Centre Locations

**Belgium**
Colt Brussels Data Centre

**Denmark**
Colt Copenhagen Data Centre

**France**
Colt Paris North Data Centre
Colt Paris South West Data Centre

**Germany**
Colt Berlin Data Centre
Colt Frankfurt City Data Centre
Colt Frankfurt West Data Centre
Colt Hamburg Data Centre

**Hong Kong**
Colt Hong Kong Data Centre

**India**
Colt Mumbai Data Centre

**Italy**
Colt Milan Data Centre

**Japan**
Colt Osaka Data Centre
Colt Tokyo Shiohama Data Centre
Colt Tokyo Inzai Data Centre
Colt Tokyo Inzai Data Centre Two
Colt Tokyo Otemachi Data Centre

**Netherlands**
Colt Amsterdam South East Data Centre
Colt Rotterdam Data Centre

**Singapore**
Colt Singapore Data Centre

**Spain**
Colt Barcelona Data Centre
Colt Madrid Data Centre

**Switzerland**
Colt Zurich Data Centre

**United Kingdom**
Colt London City Data Centre
Colt London West Data Centre
Colt London North Data Centre

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**Colt Data Centre Services**

**@ColtDataCentres**

**Colt Data Centre Services**

In today's world, great businesses must be secure, resilient, scalable and above all - connected.

At Colt Data Centre Services this is our business. Colt Data Centre Services offers flexible and affordable colocation and IT infrastructure solutions. Our connectivity and colocation solutions allow our customers freedom to plan effectively for the growth of their business, knowing that their data centre strategy is future-proof.

We operate 24 state-of-the-art data centres across Europe and Asia Pacific, offering 24/7 security and local language support. We are connected to a further 530+ third party data centres across our network and are able to offer private links into the major public cloud providers.

As the only data centre provider in the world to secure the highest M&O certification by the Uptime Institute, our operational standards are recognised as industry-leading.

Colt Data Centre Services has over 20 years' experience in designing, building and operating energy-efficient, reliable data centres - hosting significant financial, media, corporate and cloud wholesale providers across the world.

**Accreditations**
ISO 27001
ISO 14001

**colt**
**Data Centre Services**