

Colt London North Data Centre

Data centre specification



Colt London North Data Centre

Powered by 35MW

Highly efficient carrier neutral data centre facility in London

Colt London North Data Centre offers a gross technical area of 21,339m², providing secure and flexible space.

The site is a state of the art carrier neutral facility situated just 30 minutes north of London, and has excellent road and rail links back to London's financial hub and the growing Biotech and Life Sciences hub of Cambridge.

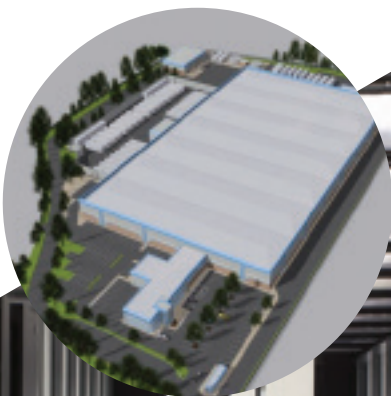
Colt London North Data Centre is one of the UK's largest data centres and has been built to Colt tier 3 standard to meet the resiliency requirements of the most demanding Enterprise and Cloud Service Provider customers.

Service excellence

- The prestigious Uptime Institute's management and operations (M&O) stamp of approval
- 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 technical area of 21,339m²
- Colt tier 3
- Design PUE of 1.21
- Heavy duty raised floor
- Temperature and humidity in line with ASHRAE guidelines
- Parking facilities
- Office facilities

Power Capacity



- 35MW of IT
- Substation 1 - 30MVA/132kV
- Substation 2 - 8MVA/11kV
- Dedicated, centralised UPS (N+N) to each data hall
- Range of power densities
- 1500-3000w/sqm²
- 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, 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

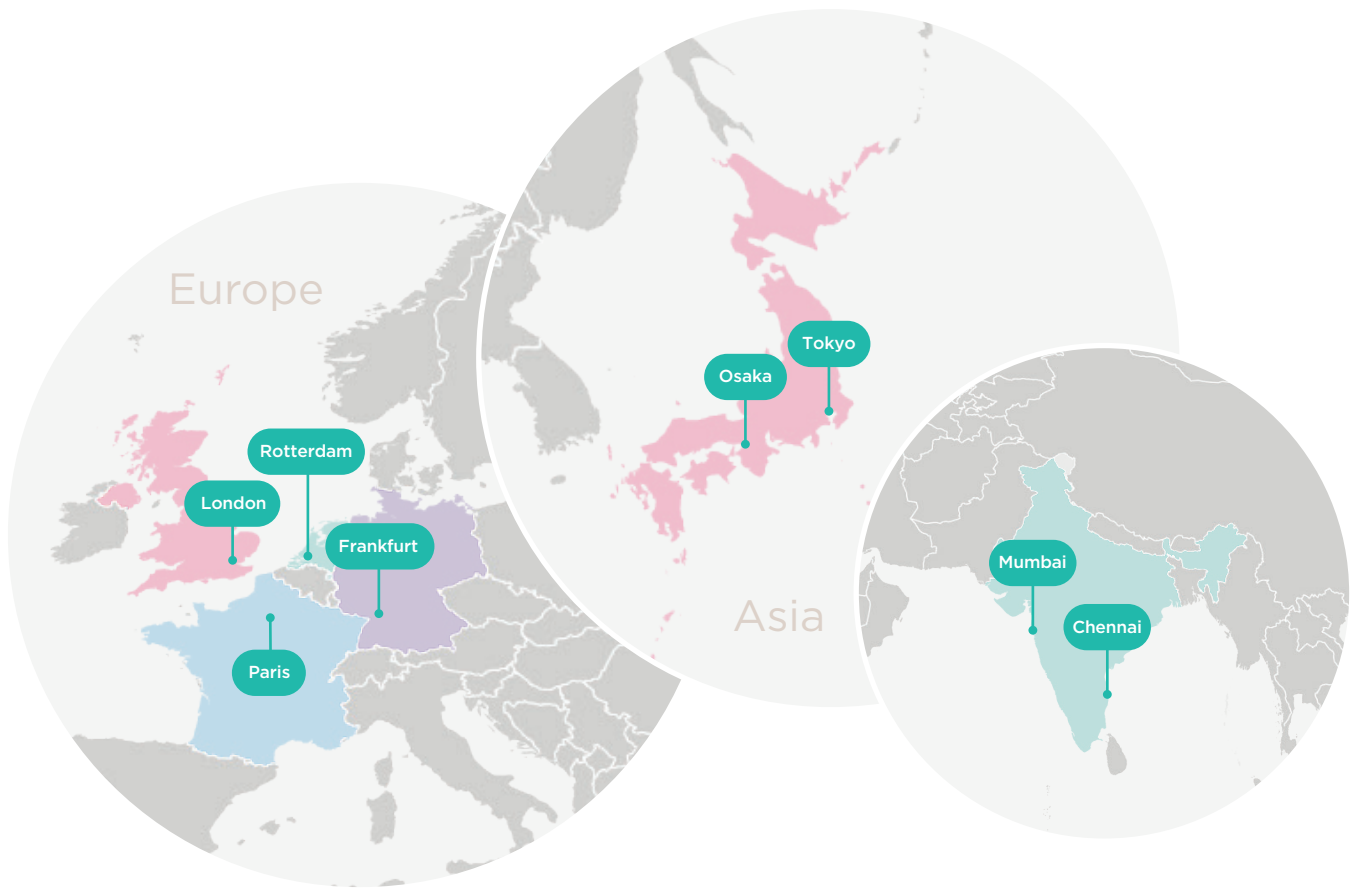


- Lowest risk designation by Environmental Agency at 1:1000
- 30 minutes north of London
- No COMAH registered sites operating within 5km (3 miles)

Energy Efficiency



- Highly efficient cooling used (direct, indirect, DX and Adibatic)
- 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
Colt Frankfurt 3 Data Centre

India

Colt Mumbai Data Centre
Colt Chennai Data Centre

Japan

Colt Osaka Keihanna Data Centre
Colt Tokyo Shiohama Data Centre
Colt Tokyo Inzai 1 Data Centre
Colt Tokyo Inzai 2 Data Centre
Colt Tokyo Inzai 3 Data Centre
Colt Tokyo Inzai 4 Data Centre

Netherlands

Colt Rotterdam Data Centre

United Kingdom

Colt London West Data Centre
Colt London North Data Centre
Colt London 4 Data Centre

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📺 Colt Data Centre Services

in 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 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 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 SBT's latest Net Zero Standard.

www.coltdatacentres.net

Accreditations:

ISO 27001
ISO 14001



colt
Data Centre Services