



Colt Tokyo Inzai Data Centre Three

Data centre specification



Colt Tokyo Inzai Data Centre Three

Highly secure facility located on the outskirts of Tokyo in Chiba New Town.

Service overview

Colt Tokyo Inzai Data Centre Three is located in Chiba New Town, Tokyo, providing a highly convenient and easily accessible data centre facility by high speed train links from both Central Tokyo and Nirita Airport.

Purpose-designed to meet the high security needs of customers with mission-critical data, Colt Tokyo Inzai Data Centre Three is an base-isolation building, allowing the building to withstand major earthquakes up to seismic scale of 7 on the Japanese Meteorological Agency Seismic Scale.

The security measures implemented at Colt Tokyo Inzai Data Centre Three correspond to Tier 3 or the highest rank in accordance with the Facility Standard of the Japan Data Center Council, and provides flexible solutions to businesses looking to thrive in the fast-moving and constantly evolving financial market, and include surveillance camera monitoring, IC card verifications, and biometric authentication systems.

The data centre is installed with UPS installed on a 4N Distributed Redundant Configuration and Emergency Gas Turbine Generators in (N+1) configuration and a fuel reserve for 48 hours of operations in case of long blackout failures. The air conditioning system also has a (N+1) configuration, dedicated per hall for uninterrupted assurance of stabilised room temperature and humidity. The ceiling height is set at 3m clear to underside of ceiling, with solid floors and hot aisle containment to optimise air flow efficiencies, while contributing to reductions in carbon dioxide emissions.

Colt's data centres throughout the Asia Pacific region are a key part of Colt's specialised solutions, which combines data centre services with an extensive range of network services, and robust cloud solutions to enable multinational customers to establish IT service hubs that support their business in Asia.

All Colt data centre services are supported by Colt's 24/7 bilingual (Japanese and English) Service Desk.

*1 Follows FISC Security guidelines on Computer Systems for Banking and Related Financial Institutions (Facility guidelines)

*2 ITIL®v3 is a registered trade mark of the Cabinet Office



Located in Chiba New Town Tokyo

Strategically located on the outskirts of Tokyo for ultimate convenience.

Extensive security measures

Features equivalent to a Tier 3 facility, including biometric authentication systems and IC card verifications, in addition to a robust, base isolation structure.

Highly resilient and reliable

Redundant system configurations of (N+1) for the UPS and air conditioning systems.

Complete bilingual support

24/7 operations and service desk in English and Japanese.

Facility overview



- Six-storey steel struct
- Building: Base isolated earthquake resistant structure
- Earthquake resistance: 7 (Japanese Scale) PML: less than 3%
- Gross site area of 8,000m² for cabinets (2,000m² x 4 floors)
- Each floor has separated two data halls (1,000m² x 2)
- Non-raised floorure
- High-performance connectivity using Colt's resilient, low-latency backbone
- Multi-carrier connectivity also available
- Bilingual operations staff (English and Japanese) onsite 24/7
- Dedicated private connectivity to MS Azure and AWS cloud available on site
- Active monitoring and maintenance of all equipment

Power capacity



- 27MW dual IT power supply to site
- 66kV closed loop receiving system (Main/Spare)
- 6.75MW per floor (3.375MW per hall)
- N x 4 IT UPS system per each floor
- N+1 configuration, gas turbine emergency generator
- 48 hours of fuel onsite at full load
- Average annual PUE of less than 1.4

Cooling

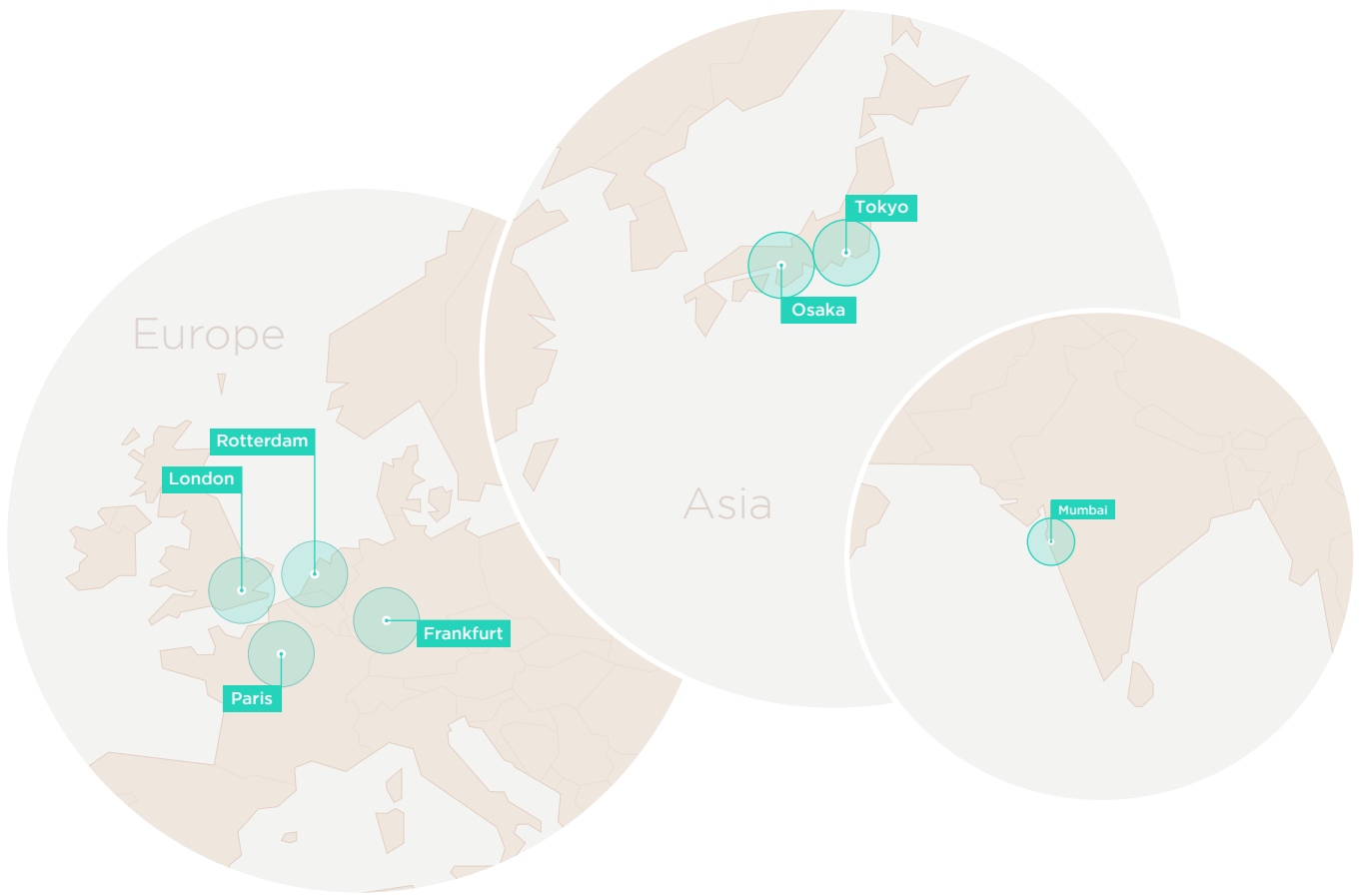


- Chilled water cooling system with N+1 configuration dedicated per data hall
- Side wall supply / return air plenum
- Hot aisle containment to ensure high air conditioning efficiency
- Exact temperature and humidity controlled within a preset range
- Computer room air handler (CRAH) on mechanical UPS backup

Safety



- Nitrogen gas fire extinguishers in the IT space
- Fire hydrants and extinguishers in the ancilliary areas
- High-sensitivity smoke detection system
- Security staff onsite 24/7
- CCTV, ID card and biometric authentication systems
- Surveillance cameras recording – surveillance footage stored for 90 days



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

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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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Accreditations:

ISO 27001
ISO 14001



colt
Data Centre Services