Colt Tokyo Inzai Data Centre Two

Data centre specification

Colt Tokyo Inzai Data Centre Two

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

Service overview

Colt Tokyo Inzai Data Centre Two 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 Two is an earthquake-resistant structure, allowing the building to withstand major earthquakes up to a magnitude of 7 on the Japanese Meteorological Agency seismic scale. The security measures implemented at Colt Tokyo Inzai Data Centre Two correspond to Tier 3 or the highest rank in accordance with the Facility Standard of the Japan Data Center Council, including ISMS/ISO 27001, ISAE3402 certifications and FISC[1] guidelines 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.
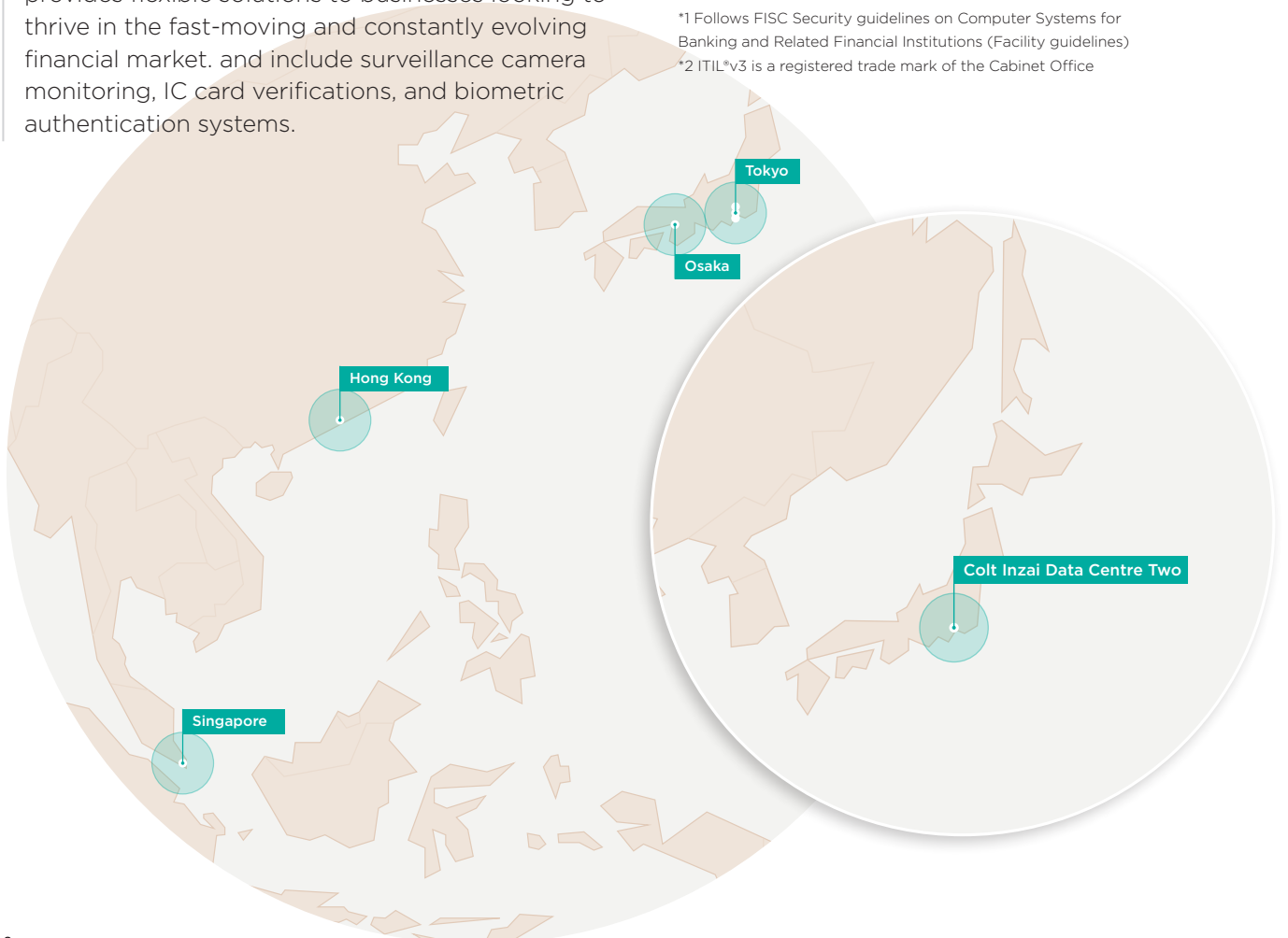
The data centre is installed with UPS installed with 4N (N+1) configuration and emergency gas turbine generators in (N+1) configuration and a fuel reserve for 48 hours of operations in case of long blackout failures. The air conditioning system also has a (N+1) configuration, dedicated per hall for uninterrupted 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

Security features equivalent to a Tier 3 facility, including biometric authentication systems and IC card verifications, in addition to a robust, earthquake-resistant 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

- Seven-storey reinforced concrete
- Building: Base isolated earthquake resistant structure
- Earthquake resistance: 7 (Japanese Scale) PML: less than 3%
- 5,000m² of IT space for cabinets (1,000m² x 5 floors)
- Each floor has separated two data halls (500m² x 2)
- Non-raised floor

- 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

- 66kV closed loop receiving system (active/active)
- 15MW dual IT power supply to site
- 3MW per floor (1.5MW 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
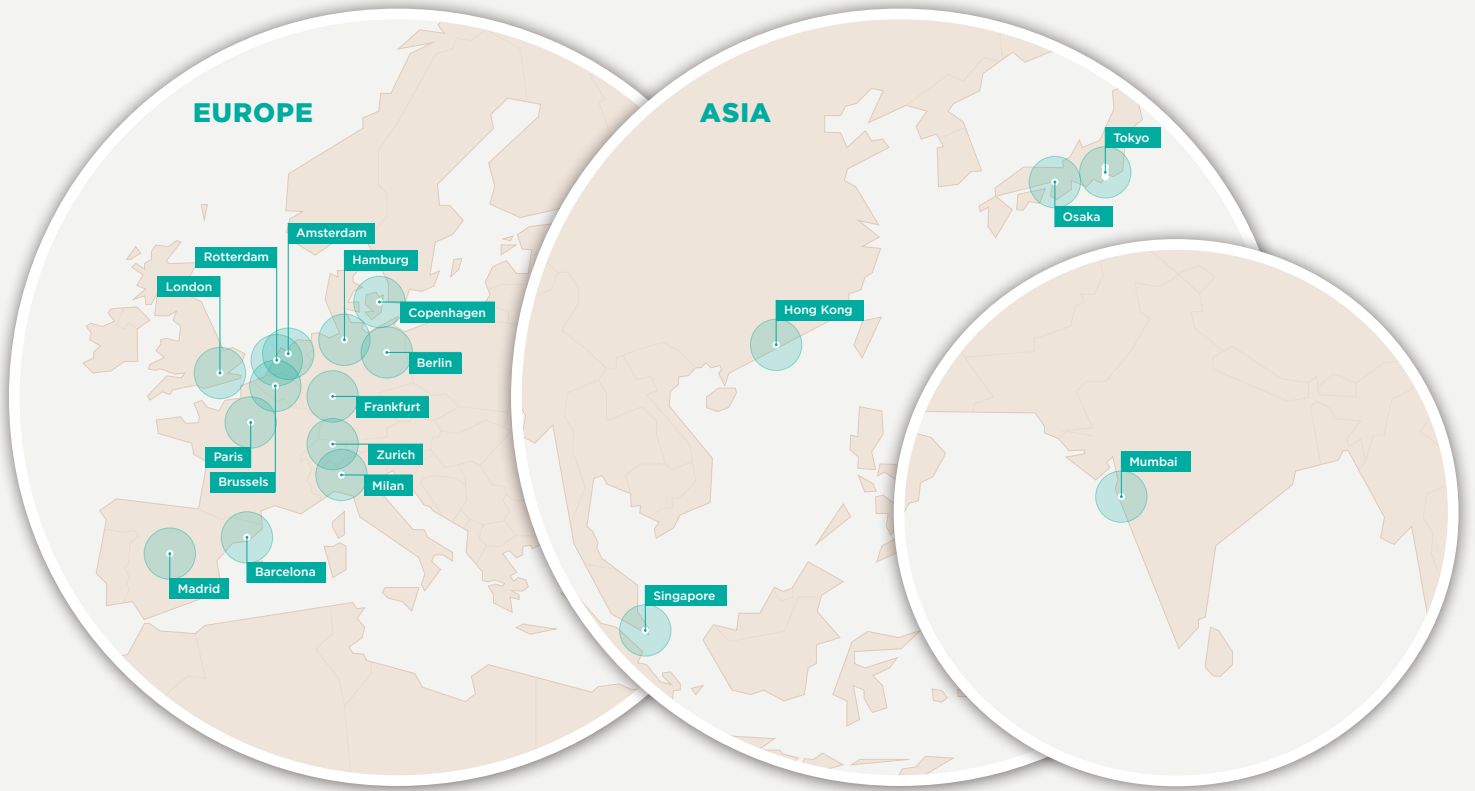- Average annual PUE of less than 1.5

Cooling

- Air 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 conditioner (CRAC) 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

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Colt Data Centre Services

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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

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Data Centre Services