

Colt Tokyo Inzai Data Centre

Data centre specification



Colt Tokyo Inzai Data Centre

A state-of-the-art facility in your ideal data centre location.

Service overview

Colt Tokyo Inzai Data Centre is one of the most secure, high-specification data centres in Japan. By adopting the latest facilities that enable optimal energy savings, Colt Inzai Data Centre provides a high-density computing environment that meets customer demands for efficient use of electrical power and cooling facilities, and generates an annual PUE of 1.5 or less. Moreover, Colt Inzai Data Centre incorporates advanced security services with high-performance network connectivity and extendibility that comply to recognised international standards, including ISMS/ISO 27001, ISAE3402 certifications and FISC¹ guidelines and provides flexible solutions to businesses looking to thrive in the fast-moving and constantly evolving financial market.

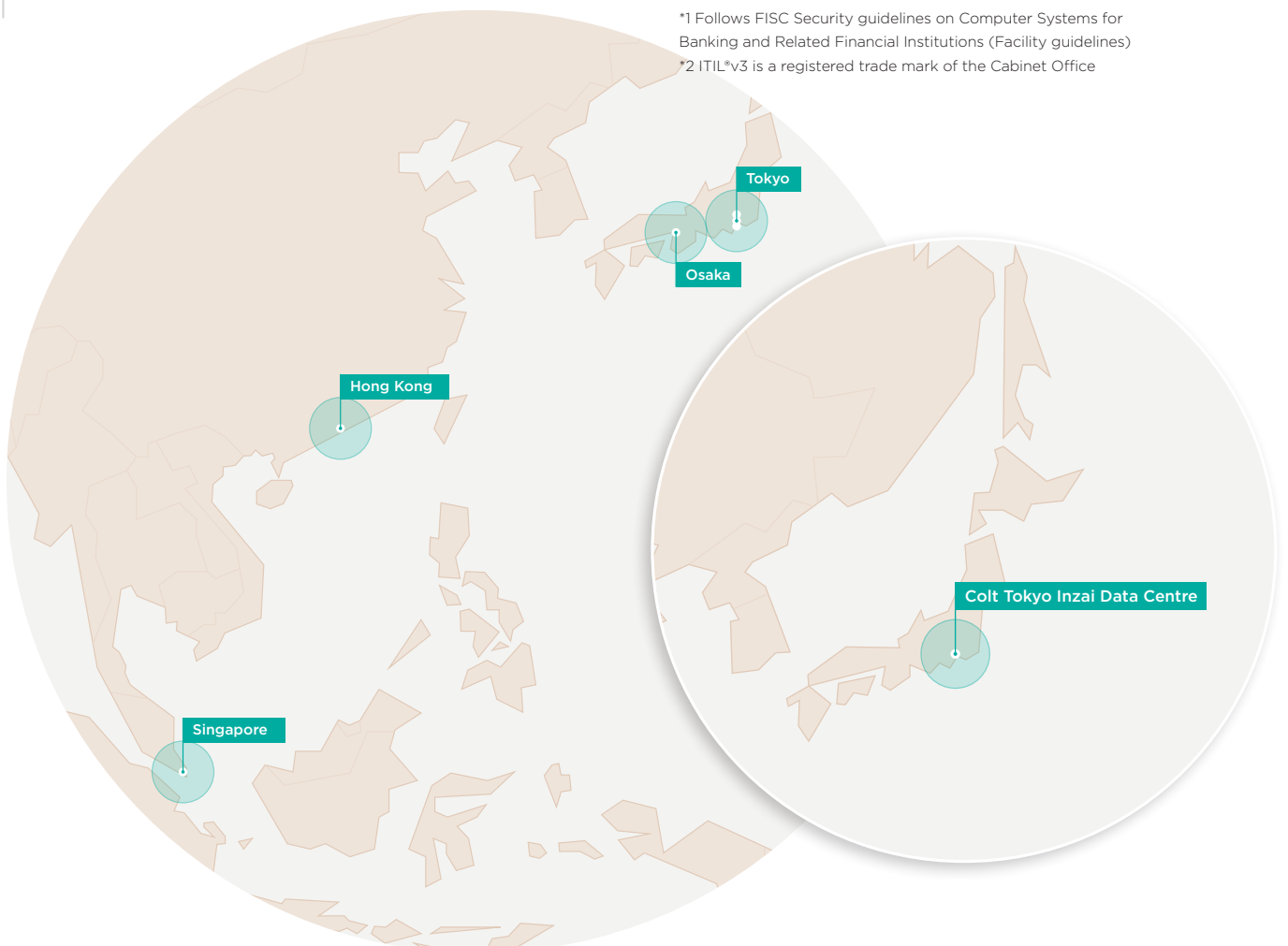
Colt Tokyo Inzai Data Centre is situated in Inzai City, Chiba, a low-earthquake risk location just 40 minutes from Tokyo, as well as being located on a different tectonic plate and 20km from the nearest coastline (no risk of tsunami/low risk of flooding). The facility has full seismic isolation with a very low probable maximum loss (PML) rating of 2.6%, one of the lowest of any building in Japan. Over 600 financial services customers, including the major Japanese exchanges, trust Colt DCS to deliver their network and data centre services.

At Colt Tokyo Inzai Data Centre, we offer a range of solutions that are tailored to meet each customer's needs. The turnkey data centre solution is ideal if you need dedicated halls or 900kW or above in power.

Otherwise, for smaller power increments, the Premium Colocation Solution is available.

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



Latest server and computing technologies

Unrivalled power and cooling capabilities in Japan with the latest technologies to support high-power densities.

High-specification infrastructure managed by experts

Operation support is based on ITIL®v3² standards and is provided in both English and

Japanese on a 24/7 basis, including remote hands and incident correspondence.

Customised solutions to suit your needs

Choice of turnkey or premium colocation solutions, complemented by a suite of operational and managed services tailored to your needs.



Facility overview

- Six-story reinforced concrete
- Full seismic isolation to withstand up to an intensity 7 earthquake on the Japanese scale (JMA)
- Low PML rating of 2.6%
- 4,000m² of IT space for cabinets (1,000m² x 4 floors)
- Premium colocation solution suites sized at 460m²
- High-performance connectivity using Colt's resilient, low-latency backbone
- Multi-carrier connectivity also available
- Diverse routing into the facility and to each data hall
- Dedicated private connectivity to MS Azure and AWS cloud available on site
- Bilingual operations staff on site 24/7
- Active monitoring and maintenance of all equipment
- Direct connectivity to BBIX



Power capacity

- TEPCO 66kV loop configuration (active / active)
- 8MW dual IT power supply to site
- Block redundant UPS (2N configuration as optional service)
- Dedicated infrastructure per server suite (wholesale)
- N+1 configuration, gas turbine
- Over 72 hours of fuel on site at full load
- Minimum default density of 2.2kW critical load per m² or 6kW per rack as standard
- 6kW per rack as a standard and up to 20kW per rack with supplemental cooling
- Average annual PUE of less than 1.5



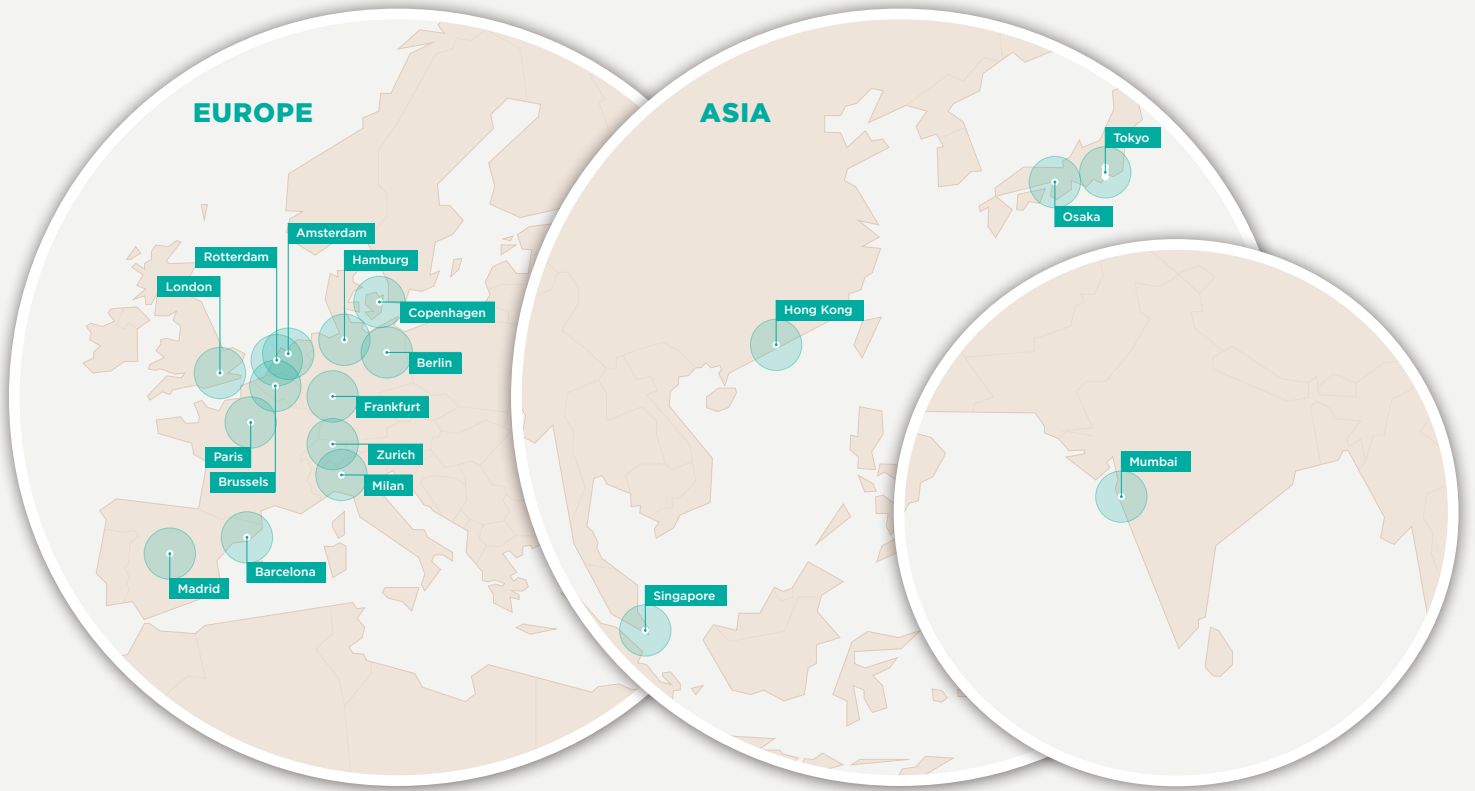
Cooling

- Water-cooled centrifugal chillers
- Water-cooling system with N+1 configuration
- Exact temperature and humidity controlled within a pre-set range
- Chilled water storage tanks
- Computer room air handler (CRAH) and chilled water pumps on mechanical UPS backup
- N + 20% CRAH system



Safety

- IT space is protected by an inert gas-based fire suppression system
- Fire hydrants and extinguishers in the ancillary areas
- VESDA based early warning system
- Multi-layer physical security with biometric authentication system
- Customer-specific authentication systems are available on request (wholesale)



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



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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.

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Accreditations

ISO 27001