



Colt Tokyo Inzai 1 Data Centre

Data centre specification



Colt Tokyo Inzai 1 Data Centre

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

Service overview

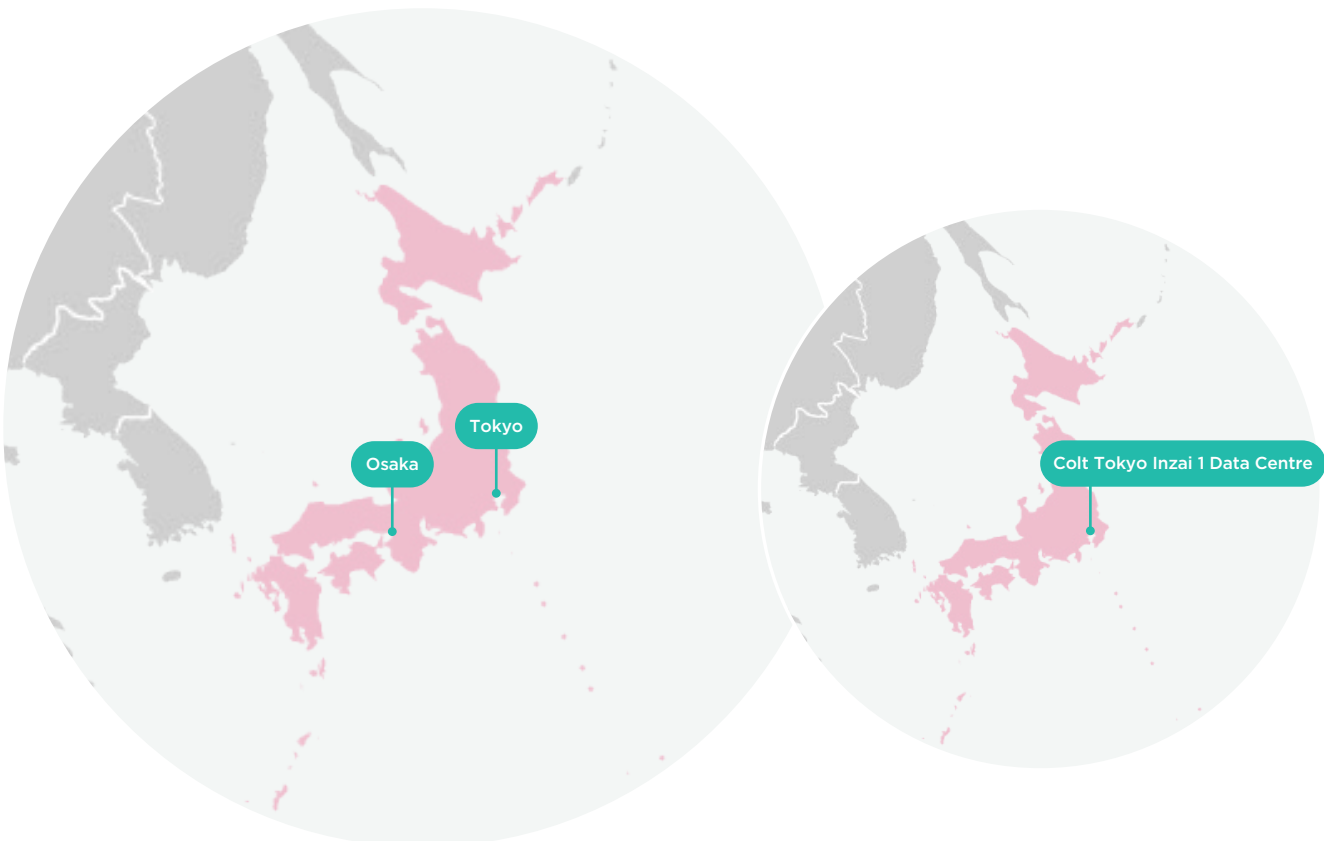
Colt Tokyo Inzai 1 Data Centre is one of the most secure, high-specification data centres in Japan. By adopting the latest facilities that enable optimal energy savings, Colt Tokyo Inzai 1 Data Centre provides a high-density computing environment that meets customer demands for efficient use of electrical power and cooling facilities, and generates an annual PUE of 1.5 or less. Moreover, Colt Tokyo Inzai 1 Data Centre incorporates advanced security services with high-performance network connectivity and extendibility that comply to recognised international standards, including M&O, PCIDSS, 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 1 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. Financial services customers, including the major Japanese exchanges, trust Colt DCS to deliver their network and data centre services.

At Colt Tokyo Inzai 1 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)



Latest server and computing technologies

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

Customised solutions to suit you

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

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.

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 white space
- Premium colocation solution suites sized at 460m²
- High-performance connectivity using Colt DCS' 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



- 8MW of IT
- TEPCO 66kV loop configuration (active / active)
- 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

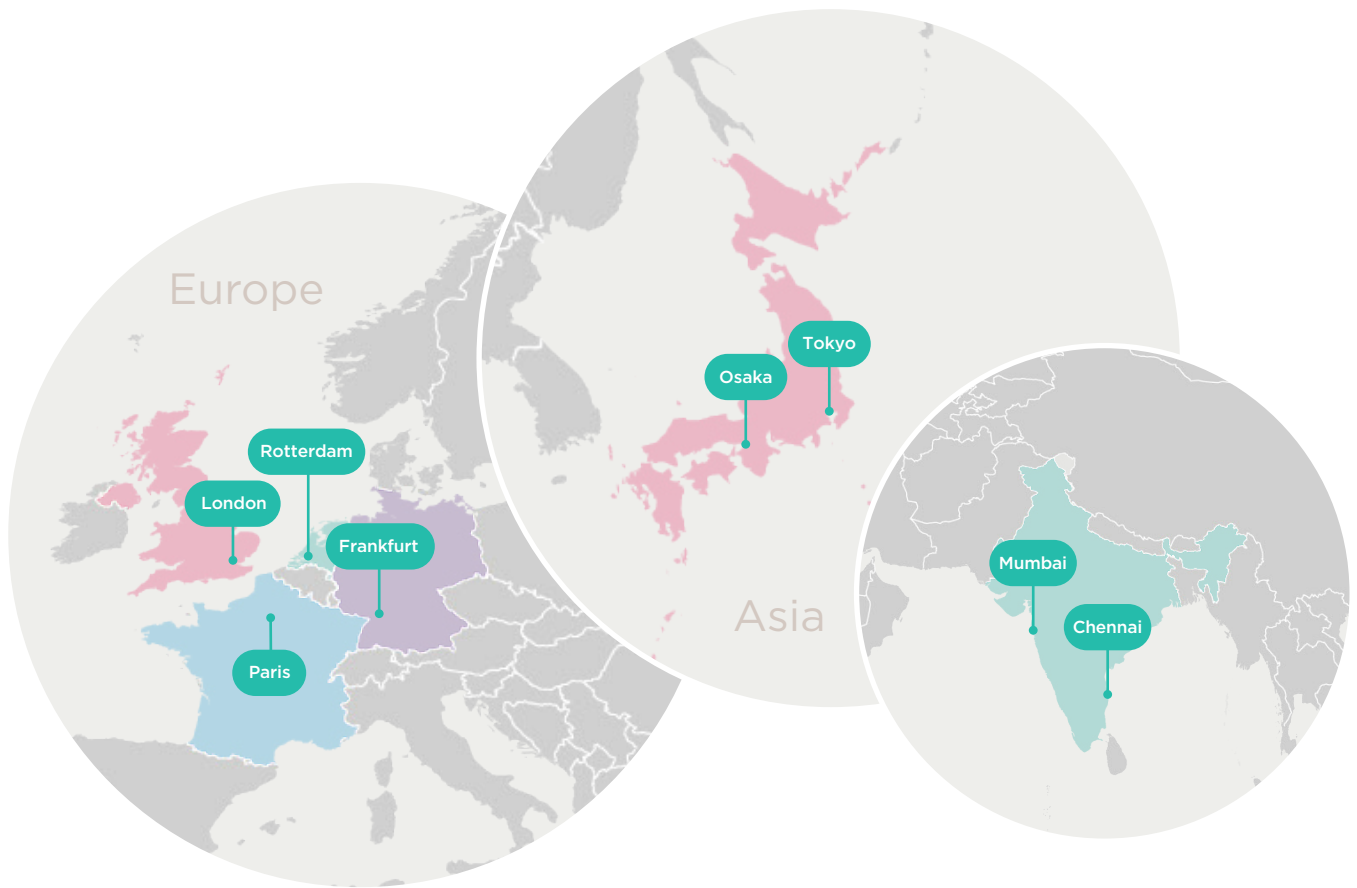


- Water-cooled centrifugal chillers
- Water-cooling system with N+1 configuration
- Exact temperature and humidity controlled within a pre-set range
- Chilled water storage tanks
- Computer room air handler (CRAH) and chilled water pumps on mechanical UPS backup
- N + 20% CRAH system

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

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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 @ColtDataCentres

 Colt Data Centre Services

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 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 SBTi's latest Net Zero Standard.

www.coltdatacentres.net

Accreditations:

ISO 27001
ISO 14001



colt
Data Centre Services