

Demonstration of Tier III and Tier IV Compliance of Data Centers

Although formal Tier certification documentation is not available, the attached supporting documents and publicly available specifications demonstrate that the facilities used Equinix TY8 and QTnet QT3 meet or exceed the standards of Tier III and Tier IV, respectively.

The Tokyo IBX Data Center (TY8), operated by Equinix, provides infrastructure consistent with Tier III specifications, including redundant power and cooling systems, independent distribution paths, and concurrently maintainable architecture. Further details can be found at:

<https://www.equinix.com/data-centers/asia-pacific-colocation/japan-colocation/tokyo-data-centers/ty8>

The QTnet Fukuoka Data Center 3 (QT3) is designed and operated in accordance with Tier IV standards, offering fault-tolerant infrastructure with fully redundant subsystems and compartmentalized security zones. Details are available at:

<https://www.qtpo.jp/en/dc/qtdc/qd3/>

These facilities serve as the primary and secondary DNS zone distribution centers, ensuring geographic and topological separation, high availability, and operational resilience.

The following are the specification documents for each facility.



Data Center Technical Specifications

TY8

Tokyo IBX® Data Center

Equinix Tokyo Data Centers

Equinix (Nasdaq: EQIX) is the world's digital infrastructure company®. Digital leaders harness Equinix's trusted platform to bring together and interconnect foundational infrastructure at software speed.

Our Tokyo data centers are business hubs for 865+ companies. Customers can choose from a broad range of network services from 85+ providers and they can interconnect directly to customers and partners in their digital supply chain. Equinix has 14 data centers in Tokyo providing 50,000+ square meters (638,000+ square feet) of colocation space, with the new TY15 opening soon in the Minato district.

Customers can also take advantage of Metro Connect service connecting the Equinix data centers in Tokyo through dark fiber. Equinix data centers are a leading network hub in Tokyo, where international and major local carriers meet. In addition, Equinix has the leading regional internet exchange, including access to JPIX, JPNAP and BBIX.

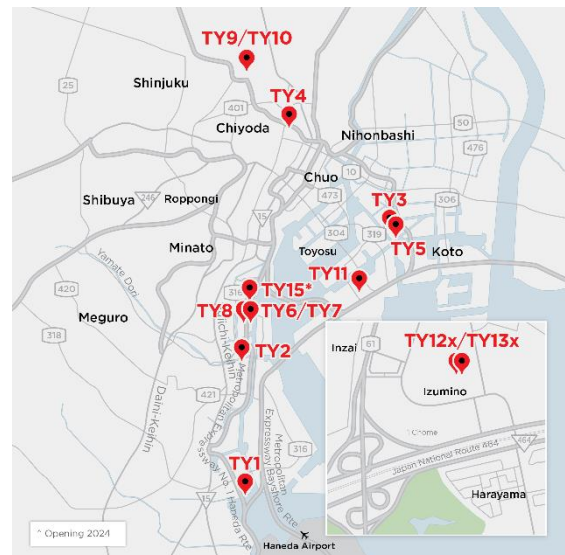
Tokyo IBX Benefits

- One of the top colocation providers in Japan with highly networked facilities strategically located across Tokyo
- Key leading network hub in Japan where major international, Asia and local carriers and ISP meet
- Reach rich digital ecosystem in cloud and IT, content and media services, financial exchanges
- Easy access to Japan's major internet and peering exchanges- JPIX, JPNAP and BBIX
- Ideal choice for multi-venue trading within Japan, and between North America, Asia and Australia

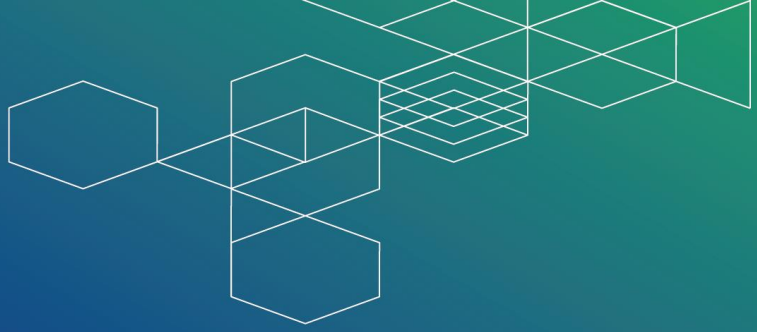
2-1-7 Higashi-Shinagawa
Shinagawa-ku, Tokyo
Japan 140-0002

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[Click here](#) to view the metro interconnection map



Building

SPACE

Colocation Space	3,755 m ² (40,418 ft ²)
Building Type	A-Building: 4-story with 1 basement, reinforced concrete structure, aseismatic building B-Building: 4-story, reinforced concrete structure, aseismatic building
Parking	Close to building (no charge) and public parking (paid)

FLOOR

Floor Type	Raised Floor
Floor Load Capacity	4.90 kN/m ² (102.3 psf)

FIRE PROTECTION

Fire Detection	VESDA, smoke detectors
Fire Suppression	Argonite gas fire extinguishing equipment

Facilities

POWER AND COOLING

Power and Cooling Density	4.0 kVA per cabinet by default
Utility Feeders	2
UPS Configuration	Parallel Redundant
UPS Redundancy	N+1
Standby Power Configuration	TY8A: Paralleling system with 4 x 3,000kVA gas turbine generators TY8B: Paralleling system with 2 x 4,500kVA gas turbine generators
Standby Power Redundancy	N+1
Cooling Configuration	DX Type CRACs
Cooling Redundancy	N+20%

SECURITY

Physical	Speed Gate
Human	24/7 on-site security officers
Electronic	Biometric readers, PIN & card readers, CCTV and recorders

About Equinix

Equinix (Nasdaq: EQIX) is the world's digital infrastructure company®. Digital leaders harness Equinix's trusted platform to bring together and interconnect foundational infrastructure at software speed. Equinix enables organizations to access all the right places, partners and possibilities to scale with agility, speed the launch of digital services, deliver world-class experiences and multiply their value, while supporting their sustainability goals.

[Equinix.com](https://www.equinix.com) © 2024 Equinix, Inc.

Amenities

- Break Room
- Loaner Tools
- Crash Carts
- Work Kiosks
- Wi-Fi
- Conference Room

Products and Services

Data Center Services

- Private Cage
- Secure Cabinet
- AC Power Circuits
- Equinix Flex Space Office and Storage

Interconnection Services

- Cross Connect
- Equinix Fabric®
- Equinix Internet Access
- Equinix Internet Exchange®
- Equinix Metro Connect®

Digital Services

- Equinix Metal®
- Network Edge

Services

- Equinix Smart Build
- Smart Hands®

Reliability

Our IBX data centers boast an industry-leading 99.999%+ average uptime record.***

***As measured from January 1–December 31, 2023, for IBX operations.

Certification and Sustainability

Certifications

- ISO 27001
- PCI DSS
- SOC 1 Type II
- SOC 2 Type II
- ISO 9001:2015
- ISO 22301
- FISC
- ISO 27017 (only V-Series and NAS)

Green by Design

- Granular temperature monitoring
- Optimized lighting controls
- Renewal Energy - IRECs (92.4%) + J-credits (5.3%) + Japanese GECs (2.3%) 100% coverage in 2017

Visit [our sustainability portal](#) for details.

QT PRO Data Center Service

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QTnet Fukuoka Data Center 3



“QTnet Fukuoka Data Center 3” buildings employ a seismic isolation structure to ensure uninterrupted operation even in the event of an earthquake of intensity 7 on the Japanese seven - stage seismic scale, offer power supply backup with emergency generators in addition to electrical equipment redundancy, and provide an environment in which continuous operation is possible following all kinds of disaster through measures such as installing all electrical and communication equipment, as well as important server room equipment in the 2nd floor of the building or higher.

Please don't hesitate to contact us if considering use of this data center for the construction of the main site for your information systems, or as a DR site base.

Features 01 Comprehensive, dedicated data center facility



Server room

Building seismic isolation structure
High damping laminated rubber

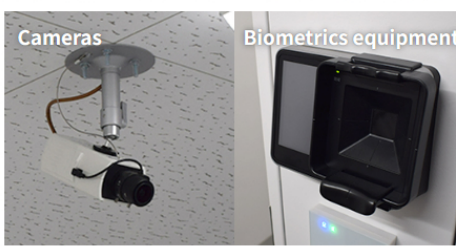


Security gates



Cameras

Biometrics equipment



We have created multi-layered physical compartments stretching from the entrance to the server racks, and have installed security equipment such as various types of gate and biometric authentication systems based on the importance (security level) of each compartment to prevent unauthorized individuals gaining access to customers' systems.

Furthermore, strict security management such as prohibiting entry to rooms is employed even for individuals involved with the customer unless the person responsible at the customer side has submitted an application beforehand.

Full-time technicians are on hand round-the clock, 24h365 days a year in the integrated monitoring center located in the data center, ensuring a swift response even in times of emergency.

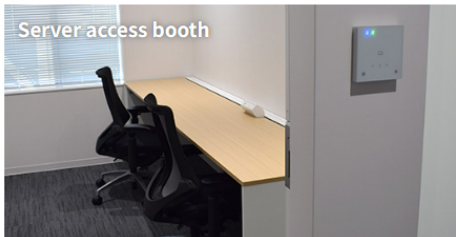
Our data centers provide stable and efficiency operation and monitoring services by operators with a wealth of experience in systems operation not only, but also for financial institutions and local governments.

Features 02

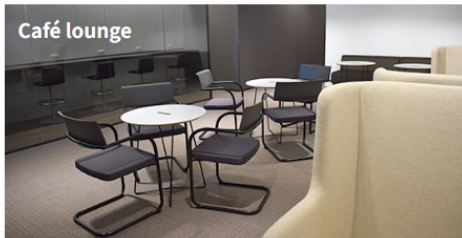
Our data centers offer a variety of comfortable spaces which we believe our customers will be satisfied with.



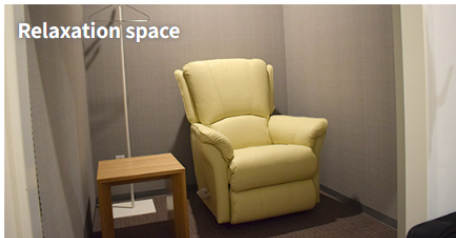
BCP office



Server access booth



Café lounge



Relaxation space

The data center provides a comfortable work environment fully equipped with a variety of incidental facilities such as a BCP office that can be set up permanently, an access booth allowing customers to focus on their work, and a café lounge where customers can take breaks or hold meetings at any time.



PHS phone rental

PHS phones which are able to connect to public



Free Wi-Fi area

We have set up a Wi-Fi environment which



Refresh space

The refresh space has a vending machine, and

networks are available, allowing customers to keep in touch with one another from inside server rooms.

customers are free to use in the shared area of the data center.

features a space for meals and breaks, as well as a massage chair.

QTnet Fukuoka Data Center 3 specifications

Name	QTnet Fukuoka Data Center 3	Power supply equipment	Uninterruptible power supply system: redundancy configuration Emergency generators: redundancy configuration Continuous operation time without refueling: 72 hours
Location	Fukuoka City, Fukuoka Prefecture		
Opened	September 2019		
Building structure	Building seismic isolation	Supply power	Effective 8 kVA/rack (max. 30 kVA)
Total floor space	Approx. 10,000 m ²	Air conditioning equipment	Redundancy configuration
Number of racks	Approx. 1,400 racks	Incidental equipment	Server access booth, café lounge, etc.
Floor load capacity	Approx. 2,000 kg/m ²	Security	Round-the clock, 24h365 days a year manned monitoring, various gates, biometrics, surveillance cameras, etc.
		Communication line	Lines laid to data center with multiple carriers, multiple routes
		Standard	JDCC facility standard tier 4 or equivalent, compliant with FISC Security Guidelines on Computer Systems for Financial Institutions

Data Center Information



QTnet Fukuoka Data
Center 1



QTnet Fukuoka Data
Center 2



QTnet Fukuoka Data
Center 3

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Inquiries

Please do not hesitate to contact us for details.

From small and medium-sized businesses to large corporations, we provide optimum services tailored to your company's needs.

Please do not hesitate to contact us for details on information such as services and fees.

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IX Connection

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