EQUINIX

WHERE OPPORTUNITY CONNECTS

EQUINIX IN JAPAN

DATA CENTER AND INTERCONNECTION SOLUTIONS IN TOKYO AND OSAKA

Equinix.com

INTERCONNECTION, OPPORTUNITY AND GROWTH IN JAPAN

Businesses weighing expansion in Asia-Pacific should look to Equinix in Japan, where an open economy, stable government and a legacy of growth have created opportunity for companies who find secure, global interconnection inside the world's largest data center provider.
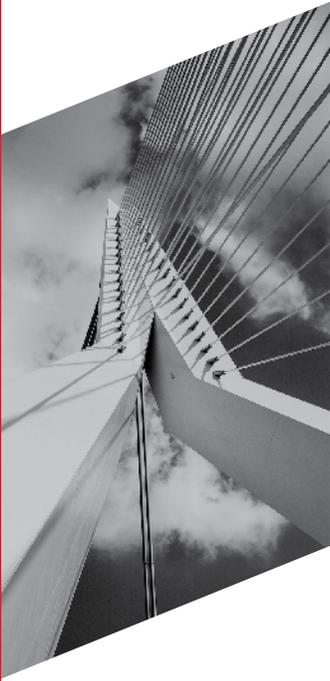
The recent story of the Japanese economy is one of frustrating fits and starts during a prolonged and difficult period known as "the lost decades." But the recent story of Equinix in Japan is one of expansion.

We opened our fourth International Business Exchange™ (IBX®) data center in Tokyo in 2013, we're building a fifth, which is scheduled to open in February 2016, and we're running our first facility in Osaka. Equinix has grown in Japan by taking advantage of enduring strengths that make the nation an appealing and important destination for companies looking to enter the emerging Asia-Pacific market.

Japan hosts the third-largest global economy, behind only the United States and China, and is home to the largest electronics industry and third-largest automotive industry in the world. Its population is deeply immersed in the digital economy, with an Internet penetration rate of greater than 86%, the highest globally among countries with populations greater than 100 million people. It is a market that can't be ignored.

Our Japan data centers provide 12,000+ square meters of colocation space.

Meanwhile, the Japanese government remains a model of regional stability with a demonstrated commitment to free market policies emphasizing growth, transparency and low regulatory burdens. The country's data protection and privacy act has been in force for more than a decade. And progressive policies have established Japan as one of the world's fastest-moving markets in cloud adoption for government services.

This was fertile ground for growth in data center services, even before the threat of frequent earthquakes caused shifts in business strategy that have fed further demand. For example, companies are now protecting their operations by moving from on-premises servers to cloud-based IT services hosted in external data center facilities. Also, a new premium on disaster preparedness has sparked a general expansion in data center space, in order to create the redundancy and geographic diversity enterprises need to ensure they can operate in a crisis.

As the demand for data center services grows, businesses need providers with the reach and interconnection to allow them to truly take advantage of the opportunities presented by Japan's open economy. They also need a partner with the expertise to protect their data and keep their IT running in any circumstances.

Energy-efficient lighting systems in our Japan data centers

EQUINIX IN JAPAN

• Five IBX data centers – four in Tokyo, one in Osaka

• A fifth data center to open in Tokyo in February 2016

• True carrier neutrality with unmatched network density

• Industry-leading operational practices, security standards and service levels, including >99.9999% uptime

• Named 2014 Best Data Center Services Provider by Telecom Asia magazine

Equinix in Japan:
Interconnected, Secure, Reliable

Equinix is the world's largest data center company, with 100+ data centers on five continents, including five in Japan. Equinix opened its first data center in Tokyo in 2000, then outlasted the dot.com-bust and the subsequent recession, even as nearly every foreign data center provider left the country. In 2008, we acquired our next Tokyo data center, then opened three more facilities in Japan in the next five years – two in Tokyo, then one in Osaka.

The quality of our data centers leads the industry, our security practices are trusted worldwide, and the operational standards that produce a global average uptime of >99.9999% are universal. Equinix is a carrier-neutral provider with the network and cloud density to bring businesses where they need to be quickly and efficiently. More than 1,000 networks and 500 cloud providers call Equinix home. As Japan continues to work toward sustained growth, Equinix has the interconnection to help businesses minimize risk and capitalize on opportunity.

Equinix operates four data centers in Tokyo and one in Osaka.

Key milestones

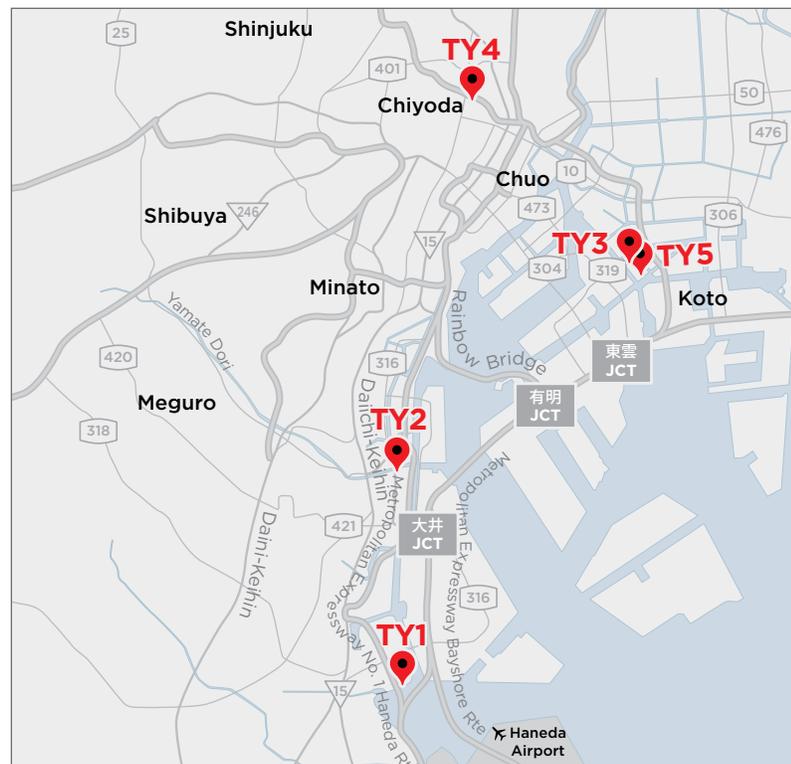| Date	Description
Jun 2000	Established as Pihana Pacific Japan
Nov 2000	TY1 open
Jan 2003	Pihana Pacific merged with Equinix, Inc. Pihana Pacific Japan became Equinix Japan K.K.
Aug 2008	TY2 open
Jun 2011	TY3 open
Aug 2013	TY4 open
Dec 2013	Expansion into Osaka, our second metro in Japan, with the opening of OS1
Feb 2016	TY5 scheduled to open

Equinix in Tokyo

Japan's uneven economic recovery has done little to diminish the influence of its ancient capital city or that city's lure to foreign firms.

Tokyo is a cultural and political center, a home to 13 million people, and has an economy that ranks with some of the world's larger national economies.
- Tokyo's $1.17 trillion gross metropolitan product compares in size to the gross domestic products of nations such as South Korea and Mexico.
- The Tokyo Stock Exchange is equaled in importance only in New York and London.
- The city hosts the second-most Global Fortune 500 companies in the world.

Tokyo's economic might, along with significant tax incentives and subsidies, has helped it attract a diverse and dynamic mix of foreign companies. More than three-quarters of the foreign-affiliated companies in Japan are based in Tokyo. The city is an established international hub and prepared to welcome more business from abroad. So is Equinix in Japan.

EQUINIX IN TOKYO

- Four data centers: TY1, TY2, TY3 and TY4, with the fifth opening in February 2016

- 9,200 square meters (99,000+ square feet) of colocation space

- Nearly 300 companies to connect with in our Tokyo data centers, 35% of which are cloud, IT or enterprise

- Choice of 60+ networks in Tokyo's most network-dense data centers

Equinix owns and operates four data centers in Tokyo, with the fifth scheduled to open in February 2016.

Equinix has four data centers in Tokyo and is building a fifth. Each facility offers different strengths to domestic or foreign companies hoping to expand their Asia-Pacific presence. Our TY1 facility hosts active ecosystems for cloud and content providers. TY2 is the most network-dense data center in Japan. TY3 draws top financial and cloud players. TY4 is located in the heart of the Otemachi district, Tokyo's key network and financial hub, and is connected by dark fiber to the NTT and KDDI network hubs. TY5 will be in close proximity to TY3, near Tokyo's financial district. These two IBX data centers will be connected by dark fiber configured with diverse route to form a campus that will further strengthen Equinix's dominant financial services ecosystem.

Protected, Diverse Interconnection

The four existing Tokyo data centers have their own discrete locations in the city, but they function as if they share one campus. Our Equinix Metro Connect™(Oedo Connect) service connects partners in different facilities at the same costs and with the same high-performance connectivity they'd enjoy if they were located in the same building.

Direct connections are a critical part of what we offer in Tokyo and throughout Equinix. Direct, private connections allow customers to bypass the public Internet to reach service providers and end users. At Equinix, these connections are often literally made across the room, so the security and performance concerns that stop companies from adopting the cloud are eased or eliminated.

All our Japan data centers provide a minimum of N+1 power redundancy.

Direct connections are also a key feature of the Equinix Cloud Exchange™, a service available in Tokyo that enables users to make on-demand connections to multiple clouds, networks and enterprise customers at the same time. Participants connect to their partners simultaneously from a single port, then bandwidth is dynamically allocated when and where it's needed. The technology essentially allows companies to build the exact cloud they need at any given moment. The process is automated to make it simple, and the exchange has numerous cloud providers to choose from, including the major public cloud companies, Microsoft Azure, Amazon Web Services, Google Cloud Platform and SoftLayer, as well as domestic heavyweights like Fujitsu and Toshiba.

Financial services joins cloud as another of our signature ecosystems in Tokyo. The global power of the city's financial services industry finds particular strength in the foreign exchange (FX) markets, which rank third in FX electronic trading worldwide. Equinix's TY3 facility is especially well-suited to handle heavy FX volume as home to multiple matching engines, multiple access points for remote engines and a unique and active community of brokers, services providers and buy-side institutions. Several prominent FX firms are inside Equinix, and it's made us an industry magnet. Those companies include ICAP EBS, FXCM, Fastmatch, FXCM and KCG Hotspot. Our strengths in the financial ecosystem will be further enhanced with the opening of TY5.

As vibrant as our other ecosystems are, the networks inside Equinix may be our biggest draw in Tokyo. We're carrier-neutral, so we've attracted more than 60 networks to connect and compete on our global platform. That kind of choice pulls down network costs, both through competition and by enabling customers to design the most efficient routes to wherever they need to be. It also means lower latency and better performance.

Each of Equinix's ecosystems is more easily accessed and exploited with Equinix Performance Hub™. This offering allows companies to extend and distribute their IT at any one of Equinix's 100-plus data centers on five continents. It delivers several key advantages, including proximity to partners and end users in Tokyo. That proximity has massive appeal because it increases the quality of connectivity while reducing costs. Performance Hub also offers control. Companies deploying a Performance Hub in Tokyo can take advantage of our network density and choose which carriers to use to best reach their end users in the city and region. They're also free to deploy Performance Hub at other Equinix locations and design their own high-speed, cost-efficient network routes worldwide.

Together, the network choice and direct interconnection available in Tokyo eliminate barriers for domestic and foreign companies considering expansion in Japan's most important city. It's up to the enterprise where it goes from there.

Our Tokyo data centers are ideally located at the heart of the trading landscape.

> "Equinix will be our best partner, not just from the business continuity planning perspective, but also for overseas expansion. They have a global footprint and offer a wide range of network choices, so we can obtain the same quality of infrastructure and services anywhere we go."
>
> — Youji Aoki, Senior Manager, System Division, MONEY SQUARE JAPAN, INC.

The highest operational standards, the most network choice

Equinix Tokyo IBX locations

TY1 – Tokyo IBX
TRC- C Building B Block
4F 5-1 Heiwajima 6-Chome
Ota-Ku, Tokyo 143-0006

Colocation Area: 21,083 ft² (1,959 m²)
Electrical Design: 2.0-6.0 kVA per cabinet
Cooling Capacity: 2.0-6.0 kVA per cabinet
(Supports higher power density)

TY2 – Tokyo IBX
3-8-21 Higashi
Shinagawa-Ku, Tokyo 140-0002

Colocation Area: 19,159 ft² (1,780 m²)
Electrical Design: 2.0-6.0 kVA per cabinet
Cooling Capacity: 2.0-6.0 kVA per cabinet
(Supports higher power density)

TY3 – Tokyo IBX
1-9-20, Edagawa
Koto-ku, Tokyo 135-0051

Colocation Area: 29,978 ft² (2,785 m²)
Electrical Design: 2.0-6.0 kVA per cabinet
Cooling Capacity: 2.0-6.0 kVA per cabinet
(Supports higher power density)

TY4 – Tokyo IBX
Otemachi Financial City
Otemachi, 1-9-5
Chiyoda-ku, Tokyo 100-0004

Colocation Area: 29,192 ft² (2,712 m²)
Electrical Design: 2.0-6.0 kVA per cabinet
Cooling Capacity: 2.0-6.0 kVA per cabinet
(Supports higher power density)

TY5 – Tokyo IBX
1-10-19 Edagawa
Koto-ku, Tokyo 135-0051

Colocation Area: 20,322 ft² (1,888 m²)
Electrical Design: 4.0-12.0 kVA per cabinet
Cooling Capacity: 4.0-12.0 kVA per cabinet
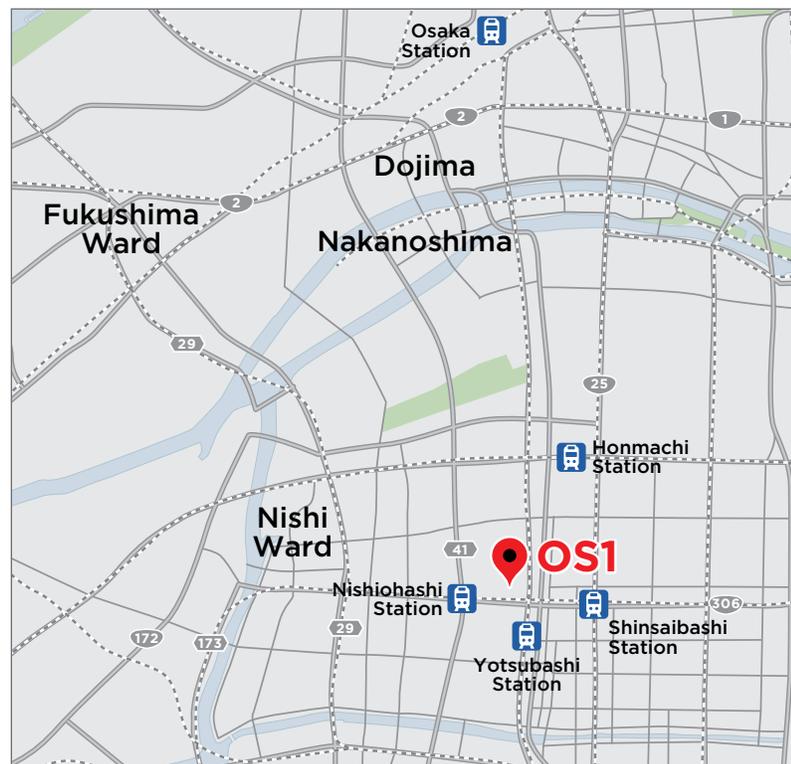(Supports higher power density)

Equinix in Osaka

Japan's economy and culture are dominated by its capital city of Tokyo, but the importance of its original capital city of Osaka can't be overlooked, both for its economic potential and the role it can play in protecting businesses in the earthquake-prone country.

The Osaka metro area is home to 18.8 million people and is located in the center of the Kansai region, an industrial hub with a gross domestic product that exceeds the national economies of Indonesia and Taiwan. Osaka thrives there as a traditional merchant city with a strong entrepreneurial bent. Though it hosts eight Global Fortune 500 companies, it's better known as a center for small- to medium-sized companies that take an aggressive approach to innovation and develop unique products. We can thank Osaka, for example, for instant noodles.

Osaka's broad enterprise base was one draw when Equinix opened its first data center there in 2013. Today, customers at our OS1 facility have access to all 4,750 customers inside Equinix worldwide. But OS1 has several other assets:

- Equinix Cloud Exchange. This technology offers direct connections to multiple cloud service providers simultaneously. The connectivity is on-demand, scalable and private, meaning companies can access the cloud computing power they need, when they need it, and be assured the interconnection is both high performance and secure.
- Network density. OS1 is carrier neutral, which attracts a range of networks for collaboration and competition. Once inside OS1, high-quality connectivity is guaranteed because customers can link directly to Dojima, Osaka's network core. Customers looking beyond Osaka have access to the 1,000 carriers inside Equinix data centers worldwide.

Osaka's assets also include its location. In order to protect their operations from earthquakes, businesses are seeking data center facilities where they can geographically disperse their IT infrastructure and create the redundancy that enables them to continue functioning in a crisis.

EQUINIX IN OSAKA

- 3,000 square meters (32,000+ square feet) of colocation space

- State-of-the-art seismic protection features

- Direct connectivity to Dojima, Osaka's network core

- Access to a vibrant network of enterprises and cloud and digital content providers

OS1 is connected via optical fiber to the network core in Osaka.

Our Osaka facility is built to absorb and withstand seismic shocks and is sited centrally in Osaka, decreasing its exposure to flooding. It's also just 250 miles from Tokyo and well-positioned for customers looking to employ a "dual-metro strategy" to increase redundancy. The strategy uses the proximity of Osaka and Tokyo to enable businesses to back up their critical operations in either metro. Osaka's strong digital economy, second only to Tokyo in Japan, also makes it a natural second location for firms already with Equinix in Tokyo.

The links between Japan's past and current capital city are strong. With Equinix, they also become business assets.

"The OS1 data center … will not only accelerate the internationalization of Osaka, but it will also enable the global expansion of Kansai-based corporations."

— Kenjiro Nakano, president of Keihanshin Building Co., Ltd, which built OS1

Equinix's Osaka facility, OS1

Equinix Osaka IBX location

OS1 – Osaka IBX
Nishi Shinsaibashi Building
1-26-1 Shinmachi Nishi-ku, Osaka City
Osaka 550-0013

Colocation Area: 32,274 ft^2 (3,000 m^2)
Electrical Design: 2.0-6.0 kVA per cabinet
Cooling Capacity: 2.0-6.0 kVA per cabinet
(Supports higher power density)

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About Equinix

Equinix, Inc. (Nasdaq: EQIX) connects the world's leading businesses to their customers, employees and partners inside the most interconnected data centers. In 33 markets across five continents, Equinix is where companies come together to realize new opportunities and accelerate their business, IT and cloud strategies. In a digital economy where enterprise business models are increasingly interdependent, interconnection is essential to success. Equinix operates the only global interconnection platform, sparking new opportunities that are only possible when companies come together.

Equinix.com