

# Tokyo 4 Data Center

A high-standard data center with the advanced facilities

Nexcenter

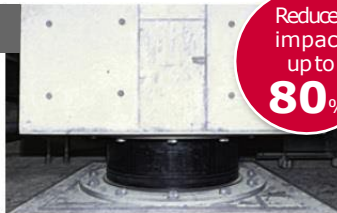
**Award-winning data center as Overall Grand Prix**  
in IDC Sector at The fourth ASP·SaaS·ICT outsourcing Award 2010



## Disaster-resistant downtown data center in a safe location

### Seismic isolation structure

A structure that could withstand large scale earthquakes. It can reduce the acceleration of impact of earthquake up to 80%.



Reduces impact up to **80%**

### Convenient location

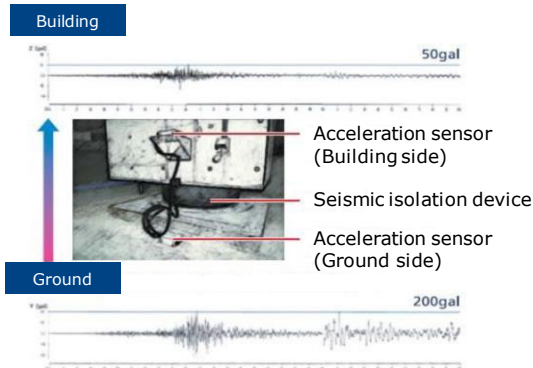
About 3km away from Tokyo station, 10-minute drive, 8-minute walk from the nearest train station, it is also accessible from several train stations.

**3 km**  
From Tokyo station

### Seismic isolation capability

The quake from intensity level 5 earthquake during the Great East Japan Earthquake occurred on March 11<sup>th</sup>, 2011, was lessened its impact to level 4 with a decrease of acceleration from 200gal to 50gal.

\*Indication of earthquake intensity and acceleration;  
Level 4: 25-60gal, Level 5: 80-250gal



### High density mounting

A standard power supply of 6kVA/rack. High density equipment mounting is possible with its high heat load resistant structure.

**6 kVA**  
/rack



# A high-standard data center with the advanced facilities

## Nexcenter

Nexcenter is NTT Communications' brand name for data center service, providing world-class quality and full-support.

### Security & Operations

Implementing multi-level security such as CCTV monitoring and biometrics system for 24 hours/365 days.



### Power, Cooling system

A stable power supply in times of an unlikely event with redundant cooling system, UPS and emergency generators.



### Fire protection

Fire prevention with an early warning smoke detectors. Equipped with an ecological nitrogen gas fire suppression system.



### Green ICT

Fulfilling green ICT with use of solar panels and LED lightings.



### Network

A direct linkage to Japan's largest internet backbone. Reliable network and streaming environment via major IXs and ISPs.

#### Building

Construction completed	December 2008
Floor area	N/A
Server room space	Approx. 5,800m <sup>2</sup> (1,900 racks)
Main building	6 stories
Structure	Steel reinforced concrete, seismic isolation
Floor load	1,500kg/m <sup>2</sup>
Raised floor	Floor height: 600mm
Elevator	W2,050 mm x D2,800 mm x H2,700 mm Max. load 3,800 kg
Ground Level	T.P.+ approx. 3.1 m
Entry / Exit	24x7 IC card and rack keys are rent on ID check with application via WEB system Operation staff on-site

#### Facilities

Power reception	Extra-high voltage, main and reserved line
Reception voltage	66,000 V
Inspection	Once every 3 years (No system shut down)
Generators	Gas turbine engine N+1
Operation without refueling	A48 hours+ (Priorityfuelsupply contracted)
UPS	N+1 parallel redundant configuration Battery support:10 minutes
Power supply type	Single-phase 100 V and 200 V Three-phase 200 V
Air-conditioning	Water-cooled , N+1 configuration
Fire protection	Nitrogenous gas for server room Smoke detectors (VESDA)
Security	IC card + Biometrics Security gate, CCTV monitoring, independent rack key
Network	Carrier neutral

**NTT Communications Corporation**

Website <https://www.ntt.com>

The information contained is current as of December 2022.

Details of services described are subject to change without notice. Please check at the time of application.

Names of companies and products are registered trademarks of the respective companies.