

# Tokyo 5 Data Center

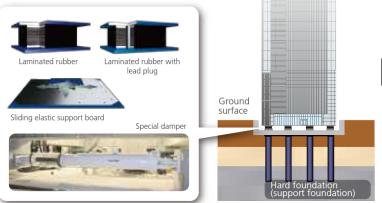
Outstanding disaster-resistance structured premier data center





## Seismic Isolation Structure

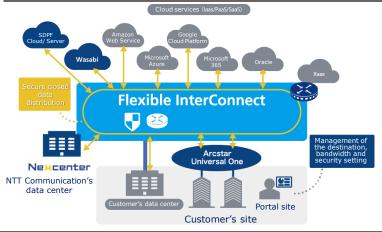
Four types of seismic isolation devices reduce strong impact on the building up to 80%, to prevent malfunctions in ICT equipment.



**No damage** of data center building, facilities and networks was caused by the Great East Japan Earthquake on March 11th, 2011.

# About 10 minutes by car from Tokyo Station. Ideal location within walking distance of several train stations. Can be accessed in less than 1 hour from both Narita and Haneda Airports. Shibuya Sta. Shibuya Sta.

## Flexible InterConnect (FIC)



#### Selectable cloud with data centers

Next-gen interconnect service "Flexible InterConnect" is available at this data center which enables to connect securely among customers' site, various doud services, data centers, Xaas easily on demand.

Customer can manage to select the doud, network bandwidth and security settings through portal site on demand\*.

The portal site enables unified operation and management of various security settings.

\*Available functions are limited depends on the circumstance.

#### **Business Portal**



#### Unified management of data center services

Customer portal that enables customers to view their usage and status of major services provided by NTT Com and change various configurations on demand in a timely manner.

#### **Major Functions**

- Entry request
- View information on facilities currently in use
- View data center access logs
- View remote hands operation records
- Download information files

# **Specifications**

Building	
Construction completed	March, 2011
Floor area	13,200 sq.m (142,000 sq.ft.)
Server room space	3,400 sq.m (approx. 1,500racks)
Office room space	400 sq.m (4,300 sq.ft.)
Main building	16 stories, Penthouse: 2 stories
Structure	Reinforced concrete (precast concrete) Seismic isolation structure
Floor load	1,000 kg/ sq.m
Raised floor	Floor height: 600 mm (2.0 ft)
Loading Bay	One 4 t truck H 4.5 m
Freight elevator	W 1,800 mm× D 2,300 mm× H 3,000 mm Capacity: up to 4,000 kg
Parking space	Not available
Ground level	T.P.+ approx.6.3 m
Building/ room access	Facility access: 24 hrs/ day Pre registration required via Web Entry System Speedy smart entry after photo ID confirmation, card key and rack keys are provided Operators are available 24 hrs/ day
Certification	ISO 9001 , ISO 14001, ISO 20000, ISO 22301, ISO 27001, PCI DSS, Privacy mark, SSAE 16/ ISAE 3402

Facilities	
Power reception	Active and stand-by system
	Power reception voltage: 66,000 V
	Inspection: every 3 yrs (No need to interrupt system operation)
Generators	Gas turbine engines
	Operation without refueling: 24 hrs+
	Startup tests conducted each month
UPS	N+1 Parallel redundant configuration
Battery support time	10 mins
Power supply type	Single phase 100 V and 200 V Three phase 200 V
Air-conditioning	Air-cooling 24 hrs/ day N+1configuration
Fire detection and suppression	Nitrogen gas fire suppression system Early Warning Smoke Detection System
Security	IC card+ Biometric authentication, Monitoring cameras Lockable rack with individual cylinder key
Network	Multi-carriers complied Nexcenter Connect™



Nexcenter  $^{\text{TM}}$  is NTT Communications' brand name for data center service, providing world-class quality and full-support.

#### **NTT Communications Corporation**

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