

High performance specs

Building	
Construction completed	December, 2012
Floor area	22,000 sq.m (236,800 sq.ft.)
Server room space	7,200 sq.m (approx. 3,000 racks)
Office room space	2,000 sq.m (21,500 sq.ft.)
Main building	6 stories
Structure	Steel framed structure Server building: Seismic isolation structure Office building: Anti-seismic structure
Floor load	1,500 kg/ sq.m
Raised floor	Floor height: 800 mm (approx. 2.6 ft)
Loading Bay	Two 4 t trucks, One 2 t truck H = approx. 3.4 m
Freight elevator	W 2,900 mm x D 3,000 mm x H 2,600 mm Capacity: up to 4,000 kg
Parking space	Available
Ground level	T.P.+ 3.4 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	Diesel engines (for rack power supply) Operation without refueling: 48 hrs+ Startup tests conducted each month
UPS	N+1 Parallel redundant configuration Rotary UPS
Power supply type	Single phase 100 V and 200 V Three phase 200 V
Air-conditioning	Water-cooling 24 hrs/ day N+1 configuration External cooling UPS for air-conditioning is available
Fire detection and suppression	Nitrogen gas fire suppression system (server room) Dry sprinklers (common areas) Smoke detectors/ Early Warning Smoke Detection System
Security	IC card+ Biometric authentication/ Security gate/ Monitoring cameras/ Lockable rack with individual cylinder key
Network	Multi-carriers complied Directly connected to disaster resistant cable tunnel Nexcenter Connect™

Business Portal

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.

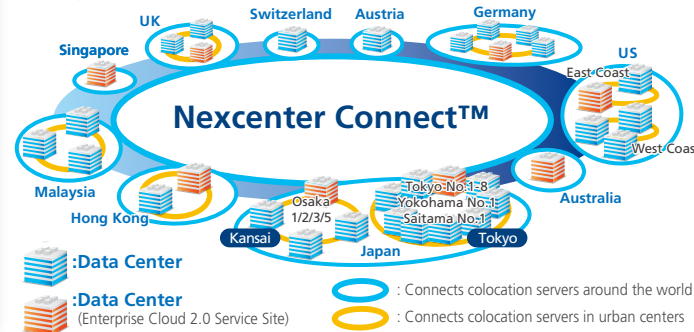
Main functions

- Entry request
- View information on facilities currently in use
- View electrical current values
- View building access logs
- View remote hands operation records
- Download information files



Nexcenter Connect™

Max 10 Gbps large-volume network connects between multiple data centers. Customers will benefit from low-cost connections that can be scaled as their enterprise systems grow. Connection between colocation service and also from Enterprise Cloud are available.



Extensive Service Menu

Service Categories		In addition to basic services, we offer a variety of optional services and customized services.		
Basic Services	19 inch cabinet racks	Compliant with EIA standards		
	Power supply	Stable power supply 24/7 with UPS and Generators		
	Security	Rack keys, Monitoring cameras		
	Room access management	Biometric authentication or IC card key required for room access		
	Air-conditioning	24 hours a day		
Colocation Services	Remote hands (Basic troubleshooting)	Visual checking, Power cycling, Reset button cycling		
	Enhanced power supply	Choose from AC single phase 100 V 10 A, 20 A or 30 A/ AC single phase 200 V 15 A, 20 A or 30 A		
	Redundant power configuration	Choose redundant breaker or redundant power distribution unit		
	Stand-by power supply	Choose from AC single phase 100 V 20 A or 30 A/ AC single phase 200 V 15 A, 20 A or 30 A		
	Other power options	Earth, additional power outlets in racks, changes to power outlets		
	Optional Services	Rack options	Additional shelves and blank panels, change of rack keys, racks supplied by customers	
		Connectivity	Optic fiber cable; UTP cable; Metal cable	
		Remote hands	Customer's system construction, operation of equipment, trouble recovery and system management support in the data center	
	Customized Services	Escort service		
		Private cage		
Managed Services	Server Operation Services	Customer's system monitoring and maintenance in the data center		
	Security Operation Services	The global integrated security service provides total security outsourcing		

NTT Communications Corporation

website <http://www.ntt.com>

The information contained herein is current as of Oct 2016
Details of services described are subject to change without notice. Please check at the time of application.
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DATA CENTER



TOKYO No.6 DATA CENTER

The largest-scale data center in Tokyo, where you can feel the difference.

Nexcenter



A large scale next-generation data center, where you can feel the difference

TOKYO No.6 DATA CENTER

High quality facilities

Fully equipped with completely redundant electric power, air conditioning, and communication facilities. These high quality facilities, with seismic isolation structure and cable tunnels that are highly resistant to disasters, protect customers' ICT assets.

Advanced Green Performance

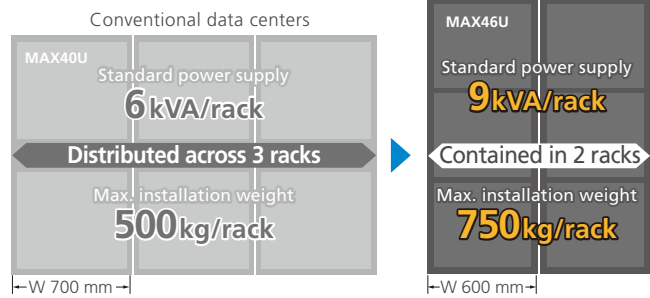
We have achieved the highest level of Power Usage Effectiveness (PUE) for any data center in Japan (1.2*), for example by adopting rotary UPS, which minimizes power loss, and an outdoor air cooling system that reduced power consumption in air conditioning by using air from outside the building.

* Design value

Power supply to a rack: Up to 9 kVA

1.5x more weight and power capacity than conventional data centers is available

E.g.: Using an 18 kVA power supply



* Please ask us if power requirement is higher.

1.5x more than conventional data centers

Disaster-resistant Data Center

At most 80% of the impact on the building will be reduced to suppress equipment malfunction.

Equipped with four types of seismic isolators

Laminated rubber shoe

Shoe supports the building, and prevents seismic shaking from being transmitted



Laminated rubber shoe with lead plug

Lead plug minimizes seismic shaking



Cross linear bearing

Rollers reduce acceleration



Oil damper

Damper absorbs and reduces seismic shaking



Piles are driven into solid ground with an N value of 60 or more

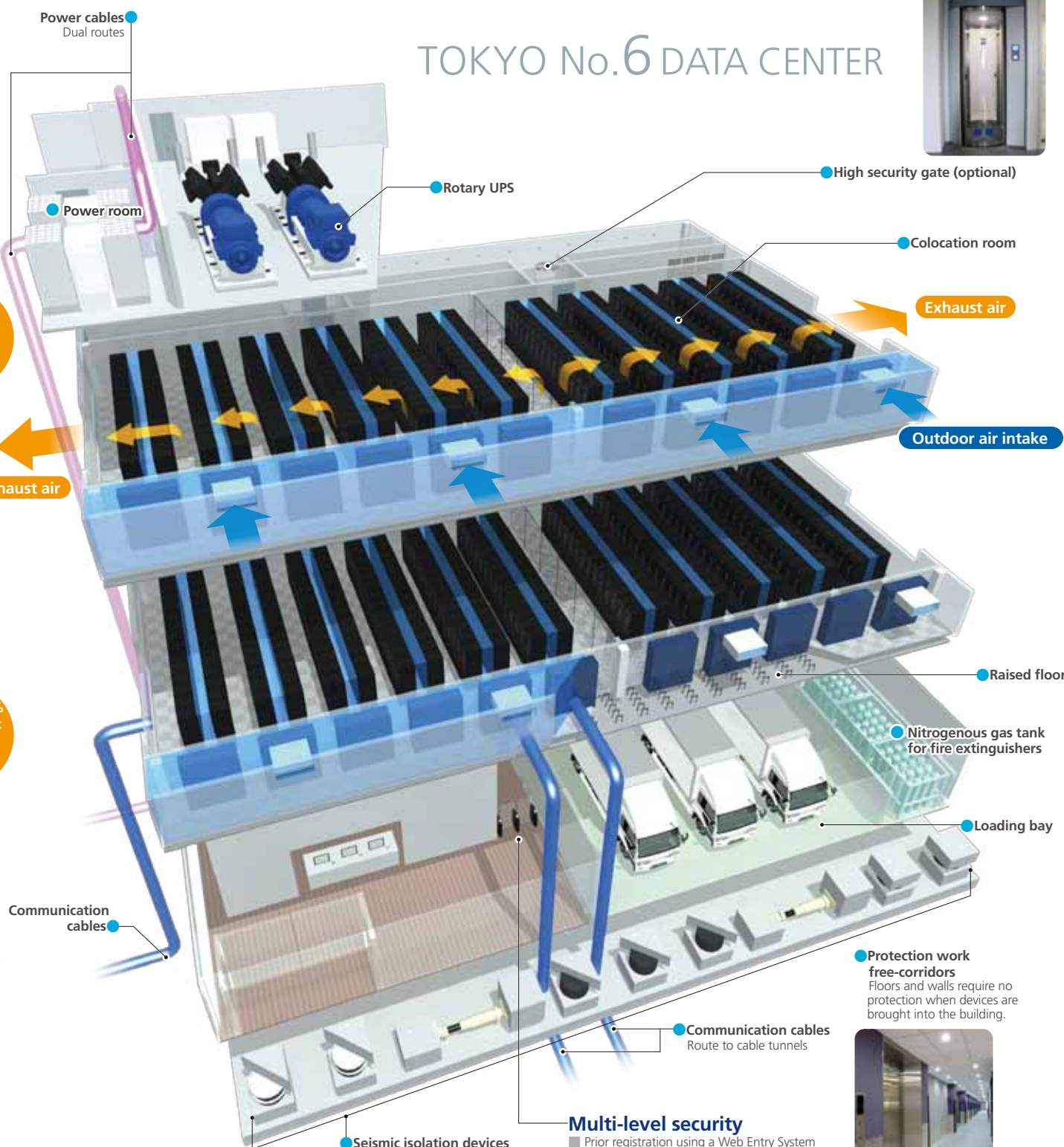
Tokyo No.6 Data Center



N value: An index of foundation strength. Normally, high-rise buildings can be constructed on foundation with an N value of 30-50.

Directly connected to cable tunnel

Adjacent NTT building



Multi-level security

- Prior registration using a Web Entry System
- Personal authentication using a finger vein authentication device

- Finger vein authentication device
- Security gate
- CCTV surveillance camera

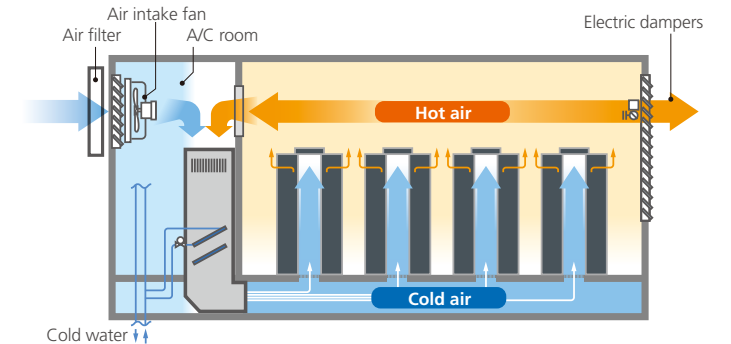


Connected directly to earthquake-proof cable tunnels for communications

Communication circuits are connected directly to secure earthquake-proof cable tunnels that are far less susceptible to damage than regular conduits, even in the event of a major earthquake.

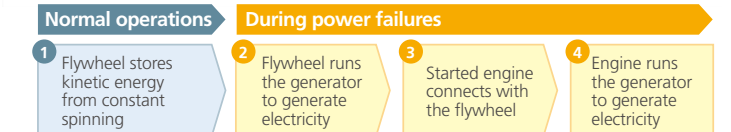
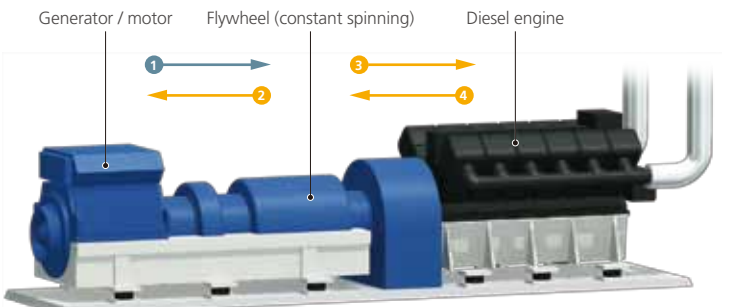
Outstanding energy conservation and environmental performance

Outdoor air cooling system reduces power consumption by A/C facilities
Outdoor air for cooling is drawn directly into the Colocation rooms through a filter to reduce power consumption in air conditioning.



Compact, highly efficient rotary UPS

UPS has been integrated with generators. This highly efficient next-generation system requires no batteries, and offers outstanding green performance in a compact space.



Ideal facilities / locations

Fully equipped large scale office building

The annex office building (approx. 2,000 sq.m.) is available for customers' system monitoring and maintenance center or BCP office.



Staging Room

Designated staging area is available for setting your equipment to your racks.

Peace of mind, with no risk of damage from flooding and earthquakes
Located about ten kilometers from Tokyo Bay and about two kilometers from Arakawa River, so that low risk of tsunami or floods.

Nexcenter

Nexcenter™ is NTT Communications' brand for the next generation data center services, offering world-class quality, outstanding cost efficiency and full-support ICT menu.