TOKYO No. 5 DATA CENTER

An advanced, large-scale Data Center in the heart of the business district

Customer Portal

NTT Communications offers a dedicated customer portal site that allows users to monitor and check a variety of information via the Internet 24 hrs./day.

Main functions

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

Roll out Business Continuity Plans (BCP) through the Metropolitan District Multi Data Center

Implement Business Continuity Plans (BCP)

- Connect to Metropolitan District Multi Data Centers via a high speed, high capacity network, creating a "network mesh"
- Distribute ICT assets by connecting to regional Data Centers and oversees Data Centers
- Implement BCP measures in case of disaster by distributing servers and other equipment

NTT Communications Corporation

http://www.ntt.com

- The information contained herein is current as of May 2011
- Details of services described are subject to change without notice. Please check at the time of application.
- Names of companies and products are trademarks or registered trademarks of the respective companies.
Disaster-resistant next-generation Data Center

Disaster Prevention

**Disaster-resistant Data Center**

- **NTT Communications offers Data Centers that support social infrastructures.** Multifaceted design takes into consideration a wide range of disaster risks.

- **Floodings risks**
  - Secured 700m away from Tokyo Bay and about 3 km from Sumida River, the effects of typhoons or river overflows are reduced. Even in the unlikely event of flooding, the area around the building, the customers’ devices, power facilities, and communication facilities are located on the third floor or higher, making it safe from any potential water damage.

- **Earthquake risks**
  - No active faults have been discovered in the vicinity of the building, which rests on a firm foundation with no risk of liquefaction.

- **Aircraft risks**
  - There are no regular airline routes in the vicinity of the building, so there is minimal risk from airline accidents.

- **Secure, earthquake-proof buildings (“Seismic isolation” structure) that can withstand earthquakes even on the scale of the Great East Japan Earthquake (2011) and the Kobe Earthquake (1995)**

- **Positioned on a Firm Foundation**
  - Piles are driven more than 20m into a firm foundation with an “almost double the strength” of foundations normally required for high-rise buildings.

- **Seismic structure**
  - Four types of seismic isolation devices reduce seismic impact on the building by up to 2/3, to prevent malfunctions in ICT devices.

- **Electric power supply**
  - UPS (Uninterruptible Power Supply) with emergency in-house power generator
  - Electric power remains unaffected even when commercial power supply from electric power companies fails. With ample fuel stores and power contracts with fuel supply companies, power supply can be ensured over a long period of time.

- **Stable Communications**
  - Communication cables are laid from three directions via underground conduits with telecommunications carrier specs that minimize disaster risk.

- **Emergency response**
  - A “heliport” located on the building’s roof can be used for rescue operations or to transport supplies in an emergency.

**Security – Web-Entry Support System**

Before entering the Data Center, users are required to submit an application using an original Web-Entry Support System (WESS).
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TOKYO No. 5

Global ICT Partner
Innovative, Reliable, Seamless.