

TYODC-4 - Tokyo Metropolitan Data Center

Urban Data Center with Outstanding Scalability and Accessibility

TYODC-4 is a large-scale metropolitan data center located in Tokyo's business district, with excellent scalability and accessibility fulfilling customer's diversifying needs.



Features

Optimal Location

- Located in central Tokyo within Yamanote Line
- 10 min from nearest train station
- Accessible from 4 train stations

Reliable Tier IV Equivalent Facilities

- No single point of failure
- Diverse power feeds
- Seismic isolation structure

Global Service Desk and Remote Hands

- 24 x 7 Japanese/English support
- Extensive service menu
- High-skilled onsite engineers

General Specifications

Building Structure	8-Floor Data Center Building (Seismic Isolation)
Data Center Access	24 x 7 x 365
Scalability	3,000 Racks
Sever Room Height	2,700 mm (High Density Area: 3,000 mm) *Raised floor to dropped ceiling
Raised Floor Height	600 mm (High Density Area: 800 mm)
Floor Load Capacity	1,500 kg per sqm

Electrical System

Incoming Power	2 power feeds from 1 substation
Power Distribution	A+B distribution up to rack
Generator	Gas Turbine
Onsite Fuel Reserve	Over 48 hours
UPS	Block Redundant/Catcher System (Over 10 min battery)
Redundant Configuration	Generator: N+1 UPS: N+2 PDU: 2N

Cooling System

Cooling System	Air-Cooled
Redundant Configuration	CRAC: N+1

Fire Suppression

Fire Suppression	N2 Gas with VESDA
------------------	-------------------

Security

Premises and Building	CCTV Camera, Flapper Gate
Machine Room	IC Card Access Control, Bio-Authentication, Mantrap Gate
Security Guard	24 x 7 x 365 Manned Security

Connectivity

Carrier Neutrality	Carrier Neutral Policy
Incoming/In-House Route	Diverse

Contact

TIS Inc.

IT Platform SBU. IT Platform Business Div. IT Platform Business Sales Dept.
EML : ps_info@ml.tis.co.jp

