

OSADC-4 - Tier IV Equivalent Data Center

The Ultimate Facility Fulfilling Reliability and Disaster Resistance

OSADC-4 fulfills requirements for an ultimate disaster recovery site, equipped with high-level security, reliability and availability.



Features

Reliable Tier IV Equivalent Facilities

- No single point of failure
- 3 power feeds from 2 diverse substations
- Cooling systems supported by UPS
- Robust security including full-body scanners

Disaster Resistance

- Evaluated as lowest disaster risk (PML < 5%)
- No risk of various water disasters
- Seismic isolation to withstand JMA scale level 6+ earthquakes

Global Service Desk and Remote Hands

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

General Specifications

Building Structure	3-Story Computer Building (Seismic Isolation) 5-Story Office Building (Earthquake Resistant)
Data Center Access	24 x 7 x 365
Scalability	700 racks
Sever Room Height	3,000 mm *Raised floor to dropped ceiling
Raised Floor Height	900 mm
Floor Load Capacity	1,300 kg per sqm

Electrical System

Incoming Power	3 power feeds from 2 substations
Power Distribution	A+B distribution up to rack
Generator	Gas Turbine
Onsite Fuel Reserve	Over 72 hours
UPS	Catcher System (Over 10 min battery)
Redundant Configuration	Generator: N+1 UPS: N+2 PDU: 2N

Cooling System

Cooling System	Water-Cooled
Onsite Water Reserve	Over 72 hours
Redundant Configuration	Chiller: N+1 CRAC: N+2 with UPS support

Fire Suppression

Fire Suppression	N2 Gas with VESDA
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Security

Premises and Building	Exterior Fence, Infrared Sensor, CCTV Camera, Flapper Gate
Data Center Entry	X-Ray Inspection, Full-Body Scanner
Machine Room	IC Card Access Control, Bio-Authentication, Rotary Gate
Security Guard	24 x 7 x 365 Manned Security

Connectivity

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

Contact

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