

Global Data Centers | Site brochure

Cyberjaya data centers

Solutions with intelligence built in



Worldwide scale, local expertise

NTT Malaysia takes pride in its extensive operational history, characterized by excellence, trustworthiness and financial stability. Our commitment remains steadfast as we continue to invest in data center development, aligning with Malaysia's aspiration to become a prominent data center hub.



We have been in business in Malaysia for more than 25 years and successfully completed the construction of a data center campus in Cyberjaya, Rimba Digital (Digital Forest), a showcase of green innovation. The Rimba Digital facility has a total load of 40MW and comprises four Rated-3 data centers, namely:

- **Mori** 森 (Cyberjaya 3)
(CBJ3 represents summer)
- **Momiji** 紅葉 (Cyberjaya 4)
(CBJ4 represents autumn)
- **Yuki** 雪 (Cyberjaya 5)
(CBJ5 represents winter)
- **Sakura** 桜 (Cyberjaya 6)
(CBJ6 represents spring)

Our comprehensive, full-stack services and cutting-edge data centers solutions are tailored to meet your needs.

Our extensive operational history is characterized by excellence, trustworthiness and financial stability.

We continue to invest in data center development, in line with both our local and global digital transformation goals and Malaysia's aspiration to become a prominent data center hub.

A worldwide interconnected data center platform and unified global data center network, bolstered by local operational expertise, enable our clients to operate seamlessly. With a diverse range of ICT solutions, we can accommodate enterprises of all sizes and scale our solutions as they grow.

Cyberjaya data centers

Cyberjaya is Malaysia's premier IT hub. Our data centers give clients access to essential infrastructure and uninterrupted operations, and the location offers several benefits, including:

- Located in the Multimedia Super Corridor, an initiative of the

Malaysian government, with an extensive telecommunication network and reliable power infrastructure

- 30km from Straits of Malacca and located 24m above sea level to mitigate the risks of natural disasters, including floods
- Away from congested, high-traffic areas and high-risk industries such as chemical, steel and paper
- Within a 5km radius of police and fire authorities
- Easy access to airport, seaport, highways
- Strategic location for disaster recovery (financial institutions) and operations sites



Cyberjaya 5 Data Center (CBJ5)

Cyberjaya 5 Data Center is a 7-storey purpose-built data center designed and built to cater to hyperscaler demand, high-end enterprise needs and to help accelerate ICT solution provider's digital transformation. With fault tolerance and compact modular design, the data center is enabled to provide flexible incremental power and efficient cooling activities for multiple IT deployment phases.

CBJ5 offers dedicated data center facilities for a client's mission-critical operations based on cost effective requirements. There are multiple air-flow management modules for various cooling approaches. CBJ5 provides the latest technology for continuous cooling with a cooling wall system to provide the highest environmental service level agreements (SLAs) and fully autonomous failover design.

“ Carrier-neutral data centers with local carriers/multiple points of entry interconnecting our data center create diversity of network ecosystem.



Infrastructure (CBJ5)



Data center space

- 4,800+m² of IT space
- Single rack, cages and suites solutions
- Meeting rooms and professional working spaces are available for training, seminars, functions and more
- Purpose-built disaster recovery center for clients needing a 24/7 IT operations room and disaster recovery



Cooling

Water-cooling system in N+1 configuration with options:

- Air cooled DX CRAC
- Chilled water CRAH
- Chilled water AHU
- Cooling fan wall
- Continuous cooling
- Hot & cold aisle containment
- Blow-out type: downflow or fan wall flooded room



Power

- Two 33kV power substations with dual diverse path
- Dual distribution paths and compartment facilities
- Support high-density racks, from 5kW to 15kW/rack, and 15kN/m² floor loading
- Electrical system N+C block redundant design
- Power usage effectiveness as low as 1.6



Fire protection

- Very Early Smoke Detection Apparatus system (VESDA)
- Addressable fire alarm panel and detection system
- High-pressure water mist fire suppression system
- Environmentally friendly gas suppression system (optional)



Security

- Bollard system
- Vehicle inspection with metal detector
- CCTV face recognition and vehicle license plate reading
- Visitor Management System
- Anti-climbing fence & intrusion detection with 3m height
- Campus CCTV surveillance with security monitoring
- Demarcation between contractor and visitor security checkpoint



Global data center network

- Part of the NTT DATA family
- Connectivity options to our global network



Connectivity

- Carrier-neutral data center campus with diverse connectivity solutions
- Integrated with NTT's Global Tier-1 IP Network, MPLS, Multicloud Connect and domestic Arcnet Internet Services and MYNAP Internet Exchange
- Interconnected network for a reliable digital supply chain ecosystem
- Direct connectivity to MIST cable system (planned)



Additional services

- 24/7 Integrated Service Center (ISC) with a centralized Service Desk and Data Center Network Operations Center
- Remote Hand support via Smart Glass
 - Real-time visual feedback
 - Pushing a button
 - Power cycling
 - Cable reseating
 - Visual checking of equipment status
- DCIM
 - Real-time monitoring of temperature, humidity, and power consumption
 - Alarms and reports

Infrastructure (CBJ5)



Certifications

- ISO 27001
- ISO 20000
- PCI DSS
- TVRA
- SOC1 Type 1 & 2
- Certified TIA-942 Rated-3
- Uptime Institute Tier-III TCDD* and TCCF*
- Green RE
- Supports financial institutions to comply with Bank Negara Malaysia's Risk Management in technology (RMiT) guidelines

**Certificate base on demand*





Cyberjaya 6 Data Center (CBJ6)

Cyberjaya 6 Data Center, a 7-storey purpose-built data center is designed and built to cater hyperscalers demand, high-end enterprises needs and accelerate ICT solutions providers towards digital transformation. With fault tolerance and compact modular design, it is able to provide flexible incremental power and efficient cooling activities for multiple and scalable IT deployment phases.

We offer dedicated data center facilities for client's mission critical based on requirements with cost effective. There are multiple air-flow management modules for various cooling approaches. Provide latest technology for continuous cooling with Cooling wall system to provide highest environmental SLA and fully autonomous failover design.

“ Self-owned. Self-built.
Self-operated.”



Infrastructure (CBJ6)



Data center space

- 4,800+m² of IT space
- Single rack, cages and suites solutions
- Meeting rooms and professional working spaces are available for training, seminars, functions and more
- Purpose-built disaster recovery center for clients needing a 24/7 IT operations room and disaster recovery.



Cooling

N+1 cooling with options:

- Air cooled DX CRAC
- Chilled water CRAH
- Chilled water AHU
- Cooling fan wall
- Continuous cooling
- Hot & cold aisle containment
- Blow-out type: downflow or fan wall flooded room



Power

- Two 33kV power substations with dual path
- Electrical system N+C block redundant design
- Dual distribution paths and compartment facilities
- Supports high-density racks, from 5kW to 15kW/rack, and 15kN/m² floor loading
- Power usage effectiveness as low as 1.6



Fire protection

- Very Early Smoke Detection Apparatus system (VESDA)
- Addressable fire alarm panel and detection system
- High pressure water mist fire suppression system
- Environmentally friendly gas suppression system (optional)



Security

- Bollard system
- Vehicle inspection with metal detector
- CCTV face recognition and vehicle license plate reading
- Visitor Management System
- Anti-climbing fence & intrusion detection with 3m height
- Campus CCTV surveillance with security monitoring
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Global data center network

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Connectivity

- Carrier-neutral data center campus with diverse connectivity solutions
- Integrated with NTT DATA's Global Tier-1 IP Network, MPLS, Multicloud Connect and domestic Arcnet Internet Services and MYNAP internet Exchange
- Interconnected network for a reliable digital supply chain ecosystem
- Direct connectivity to MIST cable system (planned)

Infrastructure (CBJ6)



Additional services

- 24/7 Integrated Service Center (ISC) with a centralized Service Desk and Data Center Network Operations Center
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Certifications

- ISO 27001
- ISO 20000
- PCI DSS
- SOC1 Type 1 & 2
- Green RE
- TIA-942 Rated-3*
- Uptime Institute Tier-III TCDD* and TCFF*
- TVRA, RMIT*

*Certificate base on demand



We are where your business is

We're operating multiple data centers in 20+ countries and markets



Cyberjaya 5 Data Center
Cyberjaya 6 Data Center
Malaysia I Cyberjaya

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Learn more about Global Data Centers

Our global platform is one of the largest in the world, spanning more than 20 countries and regions, including the Americas, Asia Pacific, EMEA and India. NTT DATA is routinely recognized as a Leader by leading networking and data center analysts.

As a neutral operator, we offer access to multiple cloud providers, a large variety of internet exchanges and telecommunication network providers including our own IPv6-compliant Tier 1 Global IP Network.

You benefit from tailored infrastructure, and experience consistent best practices in design and operations across all of our reliable, scalable and customizable data centers. We're ready to facilitate client adoption of next-generation technologies for computing at scale, virtualization, data migration, and cloud and B2B private connectivity both regionally and across the globe.

NTT DATA has made a net-zero commitment in alignment with the science-based target initiative across its operations by 2030 and the whole value chain until 2040. In addition, we drive towards powering our data centers with 100% renewable energy by 2030.

Visit us at services.global.ntt/globaldatacenters



