

Global Data Centers

Cyberjaya Data Centers

Solutions with intelligence built in



Our Global Data Center Locations



We have 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

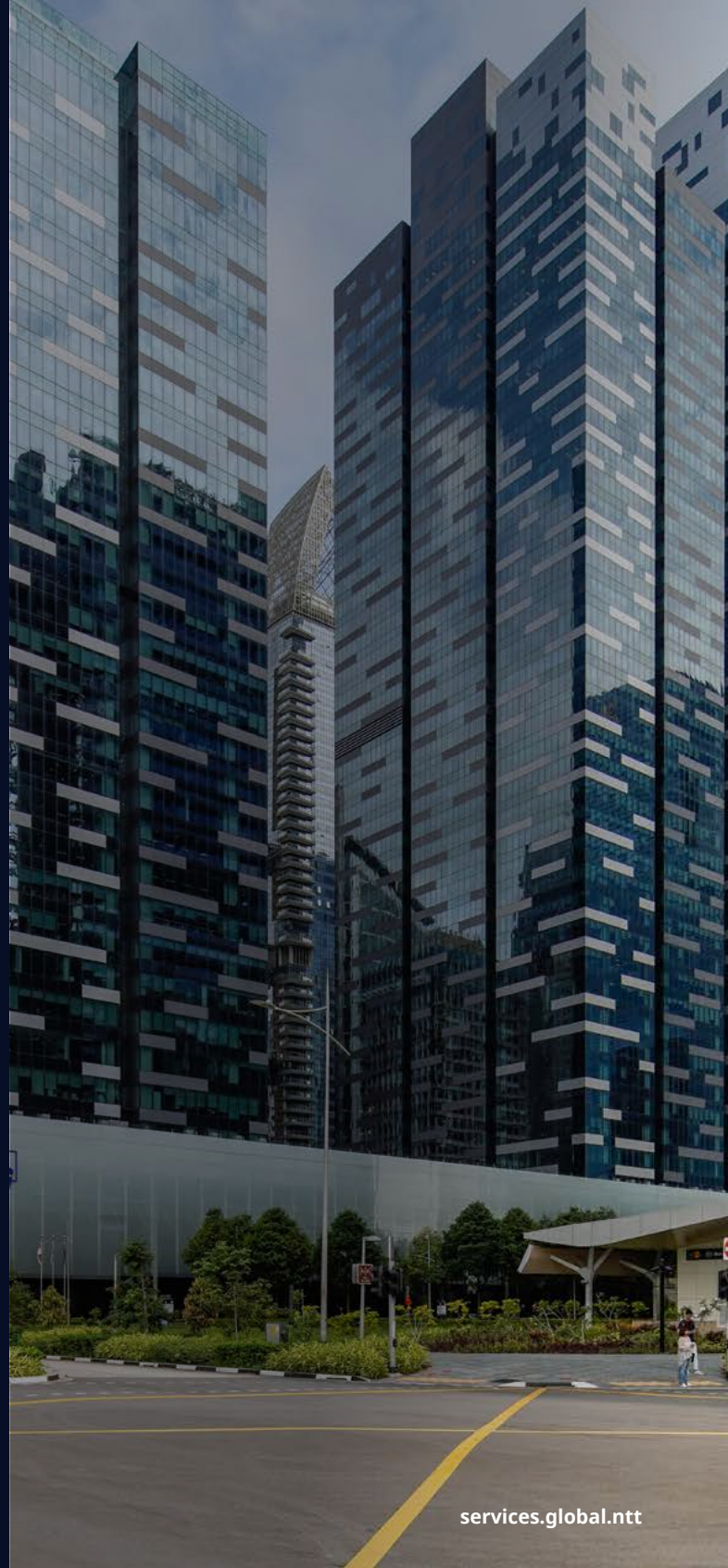
Cyberjaya is Malaysia's premier IT hub. Our data centers give clients access to essential infrastructure and uninterrupted operations, and the location offers several benefits, including;

- 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



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Self-owned. Self-built.
Self-operated.



Cyberjaya 5 Data Center

Cyberjaya (CBJ) 5 Data Center is a 7-storey purpose-built data center designed and built to cater to hyperscale 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.



Specification

- 9,967m² total gross floor area and total 4,890 m² of server space
- Dual 33kV incoming power supply via different path
- Electrical system N+C Block Redundant Design
- Dual distribution path and compartmental facilities
- Support high density racks up to 15kW/ rack and 15 kN/m² floor loading



Certification

- Uptime Institute Tier-III TCDD* and TCCF*
- Certified TIA-942 Rated-3
- Supports financial institutions to comply with Bank Negara Malaysia's Risk Management in technology (RMiT) guidelines



Highlights

- All facilities are precision engineered for maximum uptime
- Accredited to ISO27001, PCIDSS and TVRA supporting of client requirements
- PUE's as low as 1.6 that are cost effective
- 24x7 remote support for basic and advanced tasks



Connectivity

- Established diverse connectivity solutions in our carrier-neutral data center campus since year 2000
- Integrated with our Global Tier-1 IP network, MPLS, Multi-Cloud Connect and domestic Arcnet Internet Service and MyNAP Internet Exchange
- Inter-connected network among our clients to create own reliable digital supply chain ecosystem

*Certificates available on request

Data centers specifications

We consistently invest in developing our data centers in the Cyberjaya Campus and currently operate six data centers where clients can host their IT environments according to their requirements. We design and build our data centers for high redundancy and concurrent maintenance.

Category	Spec	CBJ1	CBJ3	CBJ4 & Annex	CBJ5	CBJ6
Rack	Max capacity (racks)	335	516	1,245 + 540	1,350 + 1,350	
	Service options	Open area, caged area, private suite *quarter or half rack available in CBJ1				
	Power density (per racks)	1.5 – 3kW	3 – 5kW		5 – 15kW	
Power	Utility	Dual 11kV different path			Two 33kV power substation, via different path.	
	Generator	Expandable to 5MVA			Expandable to 25MVA	
	UPS	Static UPS with 10 mins batteries				
	Fuel Storage (hours)	16	30	36	48	
Cooling	System	Air cooled DX CRAC Optional: Cold aisle containment			N+1 <ul style="list-style-type: none">• Air cooled DX CRAC• Chilled water CRAH• Chilled water AHU• Cooling wall• Continuous cooling• Hot & cold aisle containment	
Fire protection	System	Aspiring Smoke Detection System				
Certificate/ Compliance	Common	ISO 27001, ISO 20000, PCI DSS, SOC1 Type 1 & 2				
	Others	–	<ul style="list-style-type: none">• TIA-942 Rated-3• LEED• TVRA		<ul style="list-style-type: none">• TIA-942 Rated-3• Uptime Institute Tier-III TCDD* and TCCF*• Green RE• TVRA, RMIT	<ul style="list-style-type: none">• Green RE• TIA-942-Rated-3*• Uptime Institute Tier-III TCDD* and TCCF*• TVRA, RMIT*

*Certificates base on demand

Operation support

We provide 24x7 operations through our Integrated Service Center (ISC) with a centralized Service Desk and Data Center Network Operations Center. We adopt ITIL best practices and comply with ISO 20000. Our approach ensures fast response times and unified facilities monitoring. Operational support covers service and change requests, issue reporting (tickets), problem isolation and incident escalation.

Integrated Service Center

People. Process. Technology

Fast Respond

With highest SLA level of service

Reliable & Seamless

Decision making based on data proven and ITIL practice.

Customer Satisfaction

Respond to urgency and criticalness of business continuity

Crisis Management Center

Respond to urgency and criticalness of business continuity

With **eight layers of physical security**, our data centers protect your critical infrastructure.

DCIM

- Real-time monitoring of temperature, humidity, and power consumption
- Alarms & Reports

Remote Hand Support via Smart Glass

- Real-time visual feedback
- Pushing a button
- Power cycling
- Cable reseating
- Visual checking of equipment status

Physical security (dedicated data security center perimeter)

Main entrance

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

Facility controls (centralized access)

- Anti-tailgating
- Authorized data center access card
- Metal detector
- Key management System

Server room controls

- Access control system
- Dedicated card access and CCTV

Facilities

Meeting rooms and professional working spaces are available for training seminars, functions and more.

We also offer a purpose-built disaster recovery center for clients needing a 24x7 IT operations room and disaster recovery. This includes a waiting area, meeting room, pantry, shower and other amenities. The utility power-supply is backed up by a power generator, with the option of a UPS for uninterrupted operations.



Supporting you through your digital transformation with intelligent infrastructure and intelligent solutions

We understand your core challenges to modernize and innovate throughout the digital transformation. We have brought together our expertise and capabilities in networking, security, workplace, data center, cloud and managed services to create one global technology services provider that enables our clients to benefit from a full-stack integrated ICT service offering. Our high value services enable you to accelerate your digital transformation by being inter-connected to a high reliable and secure ecosystem.

Our high value services

Intelligent Infrastructure

- Global Data Centers
- Global IP Network
- Global MPLS Network
- Arcnet Internet Service
- NexConnect multicloud connect
- MyNAP Internet Exchange
- Subsea cable

Consulting Services

Technical Services

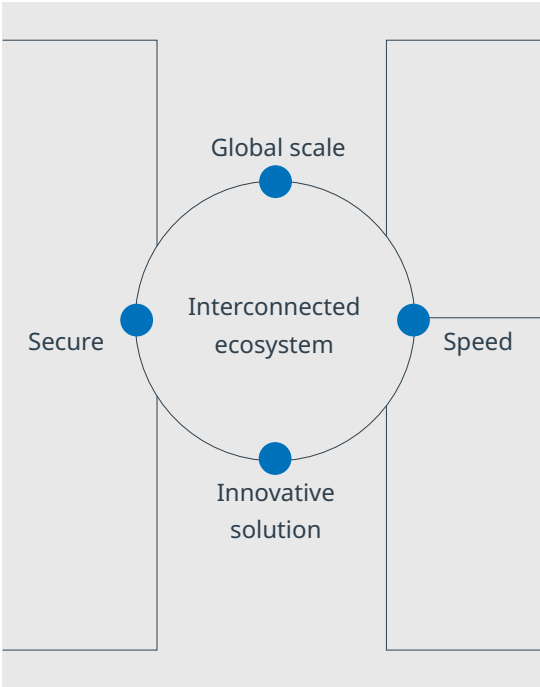
Support Services

Managed Services

Intelligent Workspace

Intelligent Cybersecurity

Intelligent Business



Clients and partners

OTT and hyperscale

- IaaS/PaaS
- Hybrid IT Infrastructure
- Multicloud connection

Service providers

- Telecommunications
- IT Solutions providers

Local and global enterprises

- FSI
- Manufacturing
- Retail

