

Cyberjaya DC2

World's First **Eco-Green** Premium Data Centre

Purpose-built for sustainability,
sovereignty, security and
mission-critical resilience.





Basis Bay

Powering **Resilience**.
Ensuring **Continuity**.

Developed and operated by **Basis Bay**, Malaysia's pioneer in Sustainable Cloud and Eco-Green Data Centre innovation, Cyberjaya DC2 reflects the nation's commitment to data sovereignty, operational resilience and sustained enterprise reliability.

The Future of **Secure & Sustainable** Data Centres

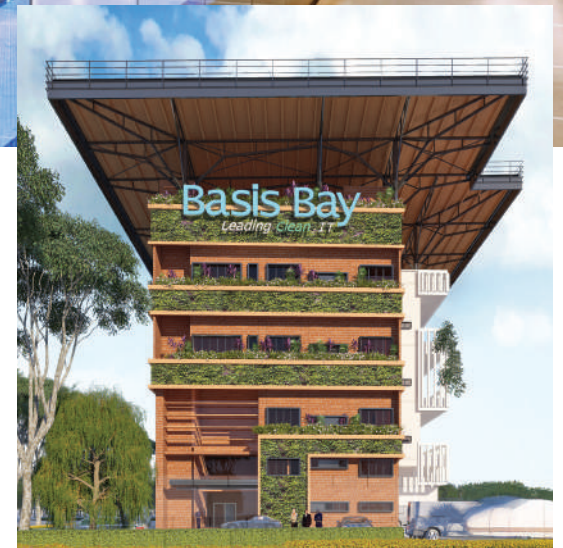
Cyberjaya DC2 represents the next generation of secure and sustainable data centres. It is Malaysia's **first-of-its-kind Eco-Green Premium Data Centre**, purpose-built to support the stringent requirements of financial institutions and other mission-critical industries.



Cyberjaya DC2

Sovereign · Eco-Green · Secure

Ensuring the nation's critical data remains sovereign, secure and protected within its borders.



Financial-Grade Security

Multi-layered defense from perimeter to server floor.



Data Availability (No SPOF)

2N Redundant systems and resilient design ensure uninterrupted data access with no single point of failure.



TIA-942 Rated-4

Highest level of availability, fault tolerant and concurrently maintainable.



Eco-Green by Design

Carbon-neutral roadmap, renewable energy, preserved biodiversity.



Data Sovereignty

Malaysian-led, operated, and controlled.



Proven Expertise

Joint venture between Basis Bay & ST Telemedia Global Data Centres, with 30+ years of experience.



Facility Overview



Purpose-built facility

Over 5,300 sqm total space with 2,292 sqm white space across 3 floors



Strategic location

34 km from airport & city, at the heart of Malaysia's Multimedia Super Corridor



Reliable power

5MVA capacity with dual-source power and 2N redundancy for uninterrupted operations



Controlled environment

Maintained at 20–25°C and 40–60% humidity



Fire protection

Equipped with water mist, inert gas and early detection systems

Regulatory Compliant



Secure by Design. Sovereign by Principle.

For business leaders, security is paramount. **Cyberjaya DC2** is purpose-built to safeguard mission-critical data with **financial-grade resilience** and **uncompromising protection**, ensuring that all information remains securely governed within **Malaysian jurisdiction**.

Security Architecture

- Dry moat and anti-climb fencing surround the perimeter.
- 24/7 armed security personnel with biometric access control.
- Mantrap entry with x-ray screening and walk-through metal detection.
- Real-time CCTV monitoring with 90-day footage retention.
- Bulletproof guardhouse and reinforced bollards.

Disaster Preparedness

- Dedicated private lift access for pandemic and emergency response.
- Pandemic-ready design with integrated systems ensuring uninterrupted operations.
- Advanced fire protection with water mist and inert gas technology.

Data Sovereignty Excellence

- Malaysian-led, operated and controlled, ensuring safety from unlawful foreign intervention.
- Fully compliant with national regulations and aligned to the highest global standards.

By choosing **Cyberjaya DC2**, you safeguard more than just data; you ensure it remains sovereign, resilient and protected at all times.

Eco-Green by Nature. Future-Ready by Purpose.

Cyberjaya DC2 is more than a secure data center, it's a **living model of sustainable innovation**. Designed by world-renowned eco-architect Dr. Ken Yeang, the facility balances **cutting-edge infrastructure** with **environmental responsibility**.

Eco-Green Features

- Carbon-neutral goal with solar power generation and rainwater harvesting system
- Green facades, landscaping and water conservation features
- Designed with arborists and ecologists to preserve biodiversity
- Targeting LEED Platinum and GBI Platinum certifications

Why It Matters

- Reduced environmental footprint without compromising performance
- Aligned with global ESG benchmarks for enterprises and financial institutions
- A facility designed to future-proof your brand's sustainability goals
- Enhances trust through sovereign, locally governed data infrastructure



Cyberjaya DC2 demonstrates that world-class infrastructure and environmental responsibility can coexist seamlessly. Every kilowatt, every wall, every system is engineered for both resilience and sustainability.

Key Features

ARCHITECTURE	● Purpose-built: DATA CENTRE ● Gross building size: 5,328 sqm ● Gross white space area: 764m² x 3 floor = 2,292 sqm
POWER	● 5MVA
LOCATION	● 34 km from the nearest airport and city ● Key part of the Multimedia Super Corridor
FIRE PROTECTION	● Water mist system ● Fire alarm and Dectection system ● Inert gas system ● Portable fire extinguisher ● Hose reel system
REDUNDANCY	● Utility connection redundancy 2N ● Backup power (Genset) redundancy 2N with duration of minimum 48 hours ● UPS Type: True online double conversion static UPS system of Voltage & Frequency Independent (VFI) class
COOLING	● Temperature 20°C - 25°C ● Humidity 40-60%
COLOCATION	● Meet Me rooms ● Communication entry points ● Suites / Cages
PHYSICAL SECURITY	● Dry moat ● Mantrap ● CCTV with 90 day retention ● Authentication biometric factor ● 24 hour security guards ● X-ray baggage scanners ● Walk through metal detector ● Electrical fence ● Anti-climb fence ● Bollards ● Bulletproof window for Guard House ● Secure and private lift ● Pandemic prepared
TELECOMMUNICATIONS	● Carrier neutral
SERVICES AVAILABLE	● Co-location floor space ● Project management support ● 24 x 7 Smart hands
ONSITE SERVICES	● Meeting rooms ● Staging rooms ● Loading bay ● Office space ● Onsite car parking ● Toilets for disabled

Basis Bay

Leading Clean IT