Intelligent Data Center and Hybrid Cloud | Global Data Centers

# Jakarta Data Centers

Specialized Data Center innovated for all solutions and requirements

## Our Global Data Centers

Flexible connection to data centers and clouds; over 20 countries and 500,000m² server space.

## Data center footprint

Investing globally to meet local needs

**AMERICAS**
US
Ashburn
Chicago | Dallas
Sacramento | Bay Area
Hillsboro

**JAPAN**
Tokyo | Osaka

**INDIA**
Mumbai | Bangalore
Chennai | Noida

**EMEA**
UK | London
Germany
Frankfurt | Munich |
Berlin | Hamburg | Bonn
Netherlands | Amsterdam
Switzerland | Zurich
Austria | Vienna
France | Paris
Spain | Madrid
South Africa | Johannesburg

**APAC**
China
Shanghai | Hong Kong
Malaysia | Cyberjaya
Singapore
Thailand | Bangkok
Vietnam | Hanoi
Indonesia | Jakarta
Taiwan
Philippines
Australia

### Global leader
We are the largest ICT company in the world, by combined revenue of USD 11 million.

### Global innovator
We invest USD 3.6 billion in R&D annually.

### Global scale
40,000 technology centric employees across 57 countries

### Global security
We mitigate 2 billion security threats every year.

## The power of our platform

We help deliver data-driven, connected, digital and secure technology solutions to leading companies across the globe.

As the world's largest ICT provider, we offer you capabilities and services beyond the scope of data center companies.

Our global reach means we can:

• Enable your business modernization and business transformation goals inside and outside the data center.

• Help you innovate in new ways.

• Reach new markets and find new business opportunities.

# Jakarta 3 Data Center

As a leading global technology services company, we are developing a new data center campus in Cikampek, Bekasi, Indonesia.

The new campus, known as Jakarta 3 Data Center, is capable of up to 18,000m$^2$ of IT space and 45 MW IT load once fully developed.

The explosion of data due to the dramatically high increase of internet and mobile usage in the country, are drivers for the data center market and disaster recovery growth in Indonesia.

In this digital era, we see an extensive shift in business priorities driving local enterprises to adopt multicloud strategies. Therefore, the demand for hosting infrastructure services will increase as more organizations in Indonesia investigate the digital transformation journey. Increased content and digital media consumption make Indonesia the largest data center market in Southeast Asia.
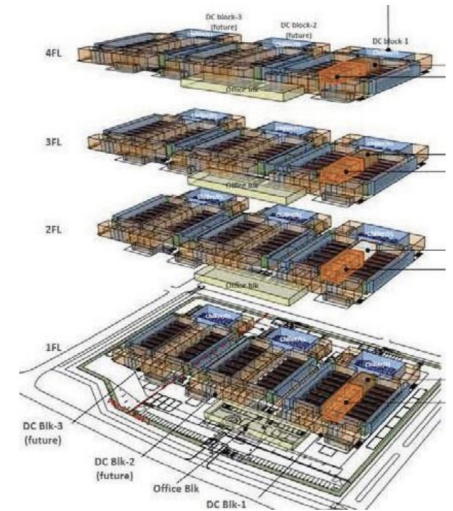
**A leading global data center**

We provide leading data center services to Indonesia. We offer high availability service level agreements and a data center designed to host mission-critical computer systems, telecommunication facilities and storage environments with fully redundant subsystems and compartmentalized security zones.

**Location**



**Building image**

## General specifications (planned)

| Location/building | |
|---|---|
| Area | Bekasi, Indonesia |
| Access | About 30km from Jakarta 2 Data Center |
| Structure | Purpose-built data center; 2 pod x 4 floor x 3 buildings (block) |
| Loading | Loading capacity of floor: 2,000 kg/m$^2$ |

| Power | |
|---|---|
| Power receiving | Dual source |
| Critical IT load | 45.6 MW (15.2 MW/building) |
| UPS | UPS system in N+1 configuration |
| Generator | Diesel generator in N+1 configuration |
| Power provision | Dual power feed to each rack; high density (6 kW/rack or more) |

| Cooling | |
|---|---|
| System | Water cooling system in N+1 configuration |
| Blow-out type | Side flow/Down flow |

| Fire protection | |
|---|---|
| Smoke detection | Early warning smoke detection system (VESDA) |
| Fire suppression | Gas fire suppression system |

| Security | |
|---|---|
| Camera | CCTV surveillance cameras |
| Guard | 24x7 onsite security presence |
| System | Pre-registration, photo identification, anti-tailgating system, IC card, biometric authentication and PIN |

| Network | |
|---|---|
| Type | Carrier-neutral |
| Services | Arcstar Universal One/NTT Global Network, Global IP Network |

| Certification | |
|---|---|
| Certification | ISO 27001, PCI-DSS, TVRA |

| Other facilities | |
|---|---|
| Facilities | Meeting/presentation room, office space for clients |

Please note these specifications may change in the future.

## Highly reliable and scalable facility

Jakarta 3 has two power plants to supply electricity through two different routes. Fully redundant power facilities within the data center, power supply for air conditioning, security and communication allows Jakarta 3 to meet your constant reliability demand. Additionally, modular building systems fit clients' preferences, using data center spaces flexibly in line with their business expansion.

## Strict operation and security measures

In Jakarta 3, we provide standardized operation processes, including monitoring IT infrastructure 24/7 to ensure the stable operation of your IT systems.

## Excellent network environment

Jakarta 3 was designed so major carrier cables could be installed using different routes. You will also receive benefits from various network services, such as connections with major IX providers from Jakarta 2 data center through data center connection, high-speed, large-capacity IP communication services and a high-quality, high-reliability VPN service. This excellent network environment enables clients to design their IT system with carrier neutrality and to create a vertical ICT environment that combines multiple cloud services, including our own data center services as well as other companies' services around the world.

## Jakarta 2 Data Center

Jakarta 2 Data Center is located in central Jakarta, a 40-minute drive (about 20km) from Soekarno Hatta International Airport with a highly scalable capacity of 2,800 colocation racks.

Its network system is one of the few carrier-neutral data centers in Jakarta, connected to no less than 36 carriers. Connected is an office building where two IXs have been placed in an earthquake-proof tunnel.

We provide resale services for local carrier networks, including operation and maintenance services.

### Jakarta 2 Data Center features:

**24x7 service desk**

Entry application with preregistration information Available 24 hours in both English and Indonesian.

**Tier III certified**

The only Uptime Tier III design certified purpose-built data center in the central area of Jakarta.

**Carrier-neutral**

One of the few carrier-neutral data centers in Jakarta connected to no less than 36 carriers.

## General specifications

| Location/building | |
|---|---|
| Area | Jakarta, Indonesia |
| Access | About 20km from Soekarno Hatta International Airport |
| Structure | Purpose-built data center, 8-stories |
| Loading | 1,000 kg/m2 |

| Power | |
|---|---|
| UPS | UPS system in 2N configuration |
| Generator | Diesel generator in N+1 configuration |
| Power provision | Dual power feed to each rack, power supply to a rack: up to 5.5kVA |

| Cooling | |
|---|---|
| System | Water cooling system in N+1 configuration |
| Blow-out type | Down flow |

| Fire protection | |
|---|---|
| Smoke detection | Early warning smoke detection system (VESDA) |
| Fire suppression | Dry-pipe sprinkler system, IG-55 gas fire suppression system |

| Security | |
|---|---|
| Camera | CCTV surveillance cameras |
| Guard | 24x7 onsite security presence; in total around 300 network AS |
| System | Pre-registration, photo identification, anti-tailgating system, IC card, fingerprint authentication and PIN |

| Network | |
|---|---|
| Type | Carrier-neutral |
| Services | 36 carriers, 3 IX reside in the data center |

| Certification | |
|---|---|
| Certification | ISO 27001, local regulations (PB19/15 PP82-2012), PCI DSS, TVRA, Uptime Tier III TCDD/TCCF |

| Other facilities | |
|---|---|
| Facilities | Meeting/presentation room, office space for clients |

Please note these specifications may change in the future.

### Purpose-built and highly scalable server space

Jakarta 2 is an eight-story purpose-built data center where the loading capacity of the raised floor is 1,000kg/m$^2$.

### High availability power system

We are designed to provide power infrastructure with the highest levels of reliability and ensure stable power supply even in case of emergency for your system operations.

### Strict operation and security measures

CCTV surveillance cameras are installed, which cover 24 hours a day to ensure the stable operation of our clients' IT systems.

### Excellent network environment

We have a carrier-neutral policy, which along with the Arcstar Universal One and IP network, enables our clients to receive benefits from various network services. These include connecting with a major IX, high-speed, large capacity

IP communication service and a high-quality, high-reliability VPN service.

This excellent network environment enables a client to design their IT system with carrier neutrality and to create a vertical ICT environment that combines multiple cloud services, including our own data center services as well as other companies' services around the world.

NTT