NTT DATA

Global Data Centers | Site brochure

Bangkok Data Centers

Investing in the future

Worldwide scale, local expertise

Bangkok, the vibrant capital of Thailand, stands as a bustling hub for economic activities, with a dynamic marketplace that reflects the country's rapid technological Advancements.

The Bangkok market is characterized by a diverse and expanding economy, driven by sectors ranging from tourism to manufacturing. Amidst this economic dynamism, the data center business has emerged as a pivotal player, playing a crucial role in supporting the digital infrastructure essential for various industries.

The demand for data center services in Bangkok has experienced significant growth, fueled by the escalating reliance on digital technologies and the burgeoning e-commerce sector. As businesses increasingly migrate towards cloud-based solutions, data centers become the backbone of their operations, offering secure and scalable storage solutions. This surge in demand has led to the establishment and expansion of several state-of-the art data centers in Bangkok, equipped with cutting-edge technologies to ensure efficiency, reliability, and data security.

The Bangkok market's data center landscape is marked by both local and international players, contributing to a competitive and innovative environment. The city's strategic geographical location further enhances its appeal as a regional data hub, attracting businesses looking for connectivity and accessibility in the Southeast Asian region.

As Bangkok continues to position itself as a key player in the global digital economy, the data center business is poised for sustained growth. The market's trajectory reflects not only the city's economic prowess but also its commitment to technological advancement, making it a compelling destination for businesses seeking a robust and reliable digital Infrastructure.

> " The city's strategic location attracts companies looking for connectivity and accessibility.

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Bangkok 2 Data Center (BKK2)

Our Bangkok 2 Data Center is a 50-minute drive from Suvarnabhumi International Airport.

Features and benefits

Low-risk location

Our Bangkok 2 Data Center is located in the Amata Nakorn industrial area, 4km away from the closest river, and 7km away from the Gulf of Thailand. The area has a low risk of being affected by natural disasters. It's also less subject to political demonstrations.

First in Thailand

Bangkok 2 has a total floor area of 9,600m² (approximately 1,500 racks). All the facilities are fully redundant in 2N configuration, and the facility configurations are flexibly customizable to meet a variety of needs.

BCP Annex

This data center includes office space for use during business continuity planning (BCP).

> " Bangkok 2 is the first purpose-built data center in Thailand.

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Infrastructure (BKK2)

Data center space

- 5,000m2 of IT space
- Purpose-built data center building, 4-stories
- Loading capacity of floor: 1,250kg/m2
- Office space for client service to meet BCP requirement

Cooling

- Water-cooling system in N+1 configuration
- Downflow type/hot and cold aisle design

Power

- 9.5MVA dual path power receiving
- 5MW of Client IT load
- Dual feed to each rack, single phase 220V
- UPS system in 2N configuration
- Diesel generator in 2N configuration
- Renewal energy ready

Fire protection

- Very Intelligent Early Warning system (VIEW)
- N2 gas fire suppression system
- Smoke & heat detector
- Pre-action dry sprinkle system

Security

- 24/7 on-site security
- CCTV surveillance cameras
- Two factors authentication
- Mantrap area
- No window in server room
- Anti-tailgating system

Global data center network

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

Connectivity

- Carrier neutral policy
- Carrier-mix from global Tier 1 supplier to regional supplier (TOT, TRUE, SYM, AWN, CAT, etc.)
- Inter data center connectivity between our data centers, ISP, etc.

Additional services

- Service desk 24/7 with English & local language
- Remote Hands Service

Certifications

- ISO 27001
- ANSI/TIA-942
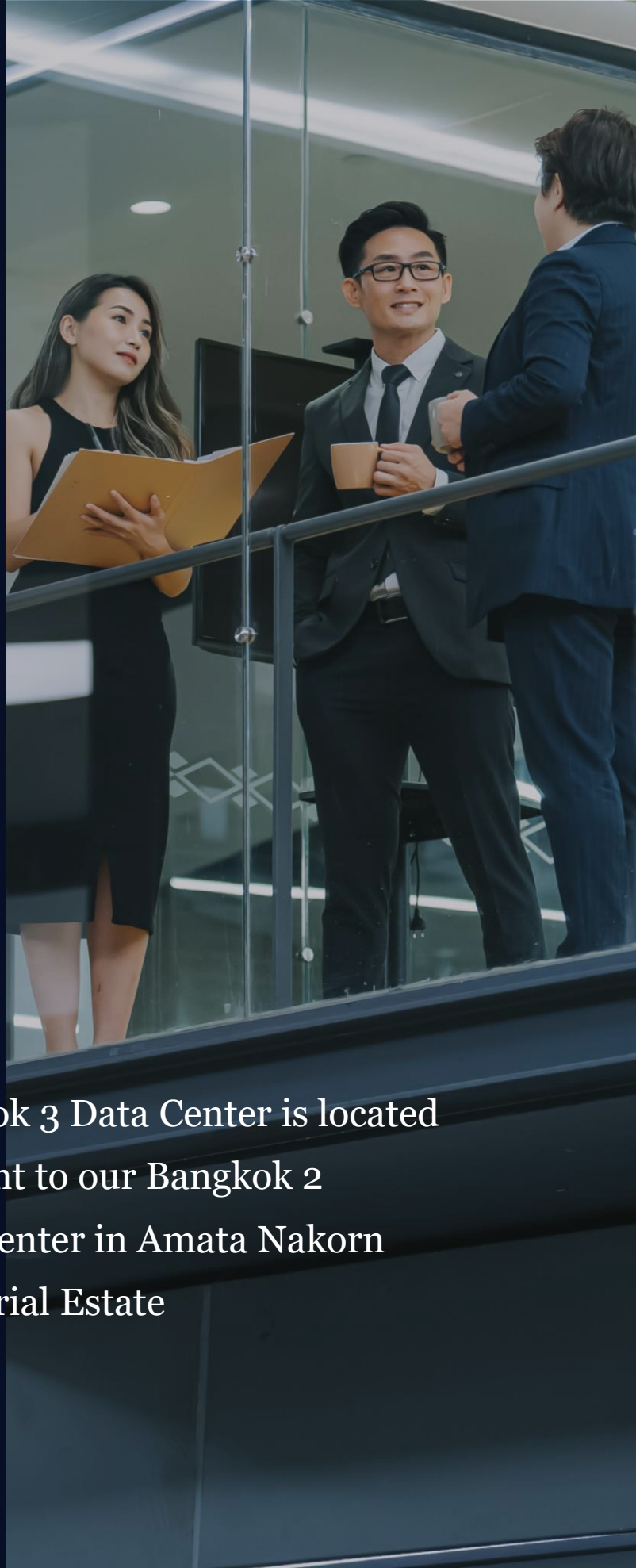- ISO 50001
- PCI DSS
- ISAE 3402*

planned

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Bangkok 3 Data Center (BKK3)

Our Bangkok 3 Data Center is located adjacent to our Bangkok 2 Data Center in Amata Nakorn Industrial Estate, a 50-minute drive from Suvarnabhumi International Airport. The area is considered low risk for tsunamis and floods.

Bangkok 3 will offer 12MW once fully built out and will provide complete solutions for housing your IT and network systems in a secure, high-availability environment. Planned service date is in Q2, 2025.

" Bangkok 3 Data Center is located adjacent to our Bangkok 2 Data Center in Amata Nakorn Industrial Estate

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Infrastructure (BKK3)

Data center space

- 4,000m² of IT space
- Purpose-built data center building, 3-stories

Cooling

- Cooling Fan wall in N+2 cooling system
- CRAH (Up flow/ Downflow) in N+1 configuration

Power

- Dual path power receiving
- 12MW of Client IT load once fully built out
- UPS system in N+1 and 2N configuration
- Diesel generator in N+1 and 2N configuration
- Dual feed to each rack
- Support High-Density Rack up to 40kW per rack

Fire protection

- Very intelligent early warning (VIEW)
- Highly Sensitive Smoke & heat detector
- Pre-action dry sprinkle system

Security

- 24/7 on-site security
- CCTV surveillance cameras
- Two factors authentication
- Mantrap area
- No window in server room
- Anti-tailgating system
- Secure loading dock
- Integrated circuit (IC) card authentication and biometric authentication

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, CT internet, CU internet, BGP internet
- NTT Enterprise Internet service (EIS)
- Interconnected network for a reliable digital supply chain ecosystem

Certifications

- ISO 27001:2022 (ISMS)
- PCI DSS Version 4.0
- SOC2 Type2 (SSAE-18)
- TVRA
- Rated III TIA-942-C Design Certification (DCDV)
- Rated III TIA-942-C Site/Facilities Certification (DCCC)
- ISO 45001: 2018 (regulations based on Occupational Health & Safety (OH&S)
- ISO 50001:2018 - Energy management systems (EnMS)

We are where your business is

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

Bangkok 1 Data Center
Bangna district in Bangkok

Bangkok 2 Data Center
Bangkok 3 Data Center
Amata Nakorn Industrial Estate

Contact:

📞 +66(0)2 236 7227

✉ info-gdc-apac@global.ntt

🌐 services.global.ntt/globaldatacenters

in NTT Global Data Centers

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**