



# APT DATAMATRIX LIMITED

At APT Datamatrix, your data is always in reliable hands. Featuring a purpose-built Network Operation Center, completely redundant facilities, optimized power, and a green architecture, the self-owned Tier III+ data center is managed by experienced staff and is backed by IBM's design and operational excellence.





# APSTAR BY APT SATELLITE

APT Datamatrix Limited, offers the right blend of experience, expertise and equipment that you need. Situated strategically near the Tai Po waterfront park, the data center enables us to support your sustainable growth. Your data is in right hand.

At APT Datamatrix, location really matters. Being more than 10 km from Tsuen Wan, and over 20 km from Tseung Kwan O business centers, the IDC is disaster-proof.



# SERVICES SNAPSHOT

## MAIN SERVICES

Rack Colocation Service  
Cloud Platform Services  
Server and Equipment Hosting  
Data Center Operation Service  
IP Gateway Transit



## OTHER PROFESSIONAL SERVICES

Multi-Media Transmission  
Satellite TV Broadcasting Service  
TV Payout and CDN services  
Satellite Telecommunications – VSAT  
Customization Service on Demand



# SPECIFICATIONS

## RACK COLOCATION

- 10000 Sq. ft. colocation floor space
- 600mm raised floor
- 750kg per Sq.m. (7.5kPa)
- 2.7m clear headroom
- Windowless external wall
- Flexible rack space
- Separate work and relax area
- 24/7 access and on-site service
- Expandable modular cage

## POWER

- Dual power feed from two separate electrical transformers from HK CLP
- Electrical power supply capacity can be increased on demand
- Support high density equipment rack

## OTHER FACILITIES

- Staging Room
- Meeting Room
- Registration Counter
- Car Park
- Loading/ Unloading Bay
- Cargo Lifts
- Canteen

## SECONDARY POWER

- UPS power supply in N+1 configuration with 15 mins. battery backup
- Diesel power generators in N+1 configuration
- Oil fuel tank capacity: over 8 hours with full load operation
- Agreement with fuel suppliers for fuel delivery within 2 hours
- Service availability: 99.99%

## SECURITY

- Whole premises monitored by 24 hours' surveillance CCTV with digital recording
- Individual access control system for Data Center access
- Dual authentication access for Data Center with biometric scan and card key access control
- 7 x24 security team to control premises access

## CLIMATE CONTROL

- CRAC design in N+1 configuration
- MVAC as Cold Water Air Conditioning System
- Dual chiller plants with high efficiency
- Generators as chiller power backup power
- Hot aisle/Cold aisle system to optimize air-conditioning efficiency
- Water leakage detection system

## CONNECTIVITY

- Multiple local carrier entry from diversified paths
- Direct connect to carrier backbone fiber networks
- Provide IPv4 public address
- Meet-me room

## SMART CONTROL SYSTEM

- Tivoli Monitoring System
- SmartCloud Control Desk (SCCD)
- StruxureWare for Data Centers

## FIRE PROTECTION

- VESDA System (Very Early Smoke Detection Apparatus)
- FM200 Gas Suppression System

## CONTACT US

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