

Alex Ng

Assistant Sales Manager



Direct (852) 2187 7654

Mobile (852) 9632 4230

Tel (852) 2187 7600

Fax (852) 2187 7677

Email alex.ng@diyixian.com

Diyixian.com Limited

Unit 7-10, 27/F, Prosperity Center

25 Chong Yip Street, Ngau Tau Kok

Kowloon, Hong Kong

一線通中華 THE GREATER CHINA INTERNET

Server Collocation

Dedicated Hosting

Content Distribution



Diyixian
Internet Centre
Subsidiary of Diyixian.com Limited


diyixian.com
第一線

Traffic Management

Managed Security

Diyixian Internet Centre

Diyixian Internet Centre Limited is a wholly owned subsidiary of the first and leading Greater China IP Carrier, Diyixian.com Limited. It enables Internet Service Providers (ISPs), Internet Content Providers (ICPs), B2B and B2C online traders, multimedia service providers and other Internet-focused doers to have their mission-critical servers housed in an ultra-secured, well-equipped and climate-controlled environment.

The Professional Internet Centre
In Greater China



Leveraging on Diyixian.com's IP broadband network intelligence, leading solution partners' full support and local capabilities, Diyixian Internet Centre excels at providing best-of-breed content distribution and server load balancing network in the region. More importantly, to become the pioneer in Greater China, offering all-rounded services and world class Internet facilities to save customers' huge investment in upgrading and maintaining hardware and software.

With the vision that Internet will become an inseparable part of doing business, we commits to establishing ubiquitous Internet Centers in Greater China, with a total of 11 Internet centres covering Hong Kong, Beijing, Shanghai, Guangzhou, Shenzhen, Dongguan, Chongqing and Taipei to be completed in 2000.

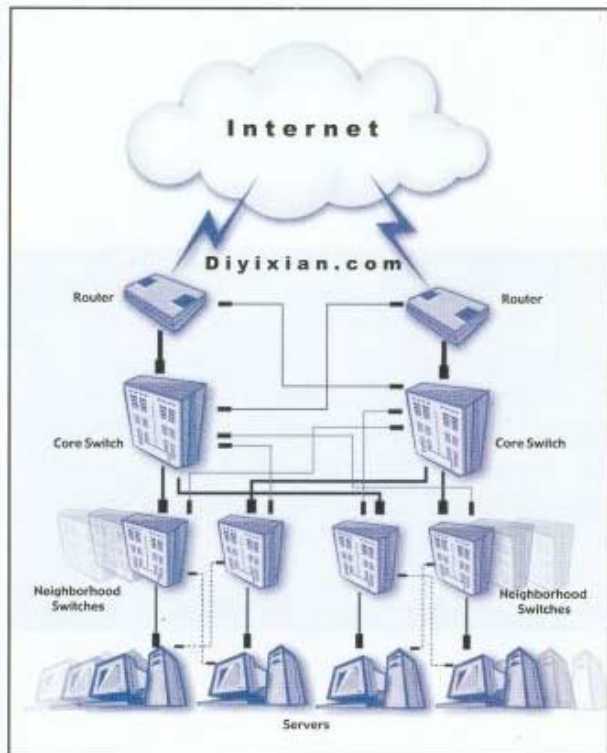
Services

Armed with our mother company - Diyixian.com Internet capabilities, we excel at offering a full array of Internet solutions that assist you in staying ahead in today's competitive environment. They include **DYXNet Server Co-location**, **DYXNet Dedicated Hosting**, **DYXNet Content Distribution**, **DYXNet Traffic Management** and **DYXNet Managed Security** based on your special request. We assure you to be highly impressed with our professionally trained sales force, IT experts, and surpassed customer support.

DYXNet

Server Co-location

If you are having a large set of data, high traffic demand or a large database driven Web site, DYXNet Server Co-location is the ideal solution for you. It provides your organization with all the benefits through our state-of-the-art network, without heavy investment in hardware, infrastructure or human resources. It also allows you to have complete control of the resources of the entire server. Users can experience the fastest download time when browsing your Web site over our high-speed network. Your Web site not only gains dedicated access to the Internet, but also the guaranteed security and stability that our advanced facilities provide.



DYXNet Server Co-location

DYXNet Server Co-location enables you to house your mission critical Internet server at our world class Internet Centre for better security, superb bandwidth management and reliable connectivity. From an economic point of view, we provide the service at a fraction of the cost of maintaining a comparable solution in house.

Benefits

- **Peering Network** - peers with most major networks in China for content distribution
- **Redundant Connection** - provides extra redundancy and choices of carriers through fibre access to multiple telecom companies
- **Secure Access Control** - ensures physical safety as well as protection against unauthorized access to your equipment 24 hours a day, 7 days a week
- **Flexible Choice** - offers 1/4, 1/2, 3/4 or a full lockable rack
- **World Class Support** - provides 24 hours a day, 7 days a week monitoring and surpassed technical support

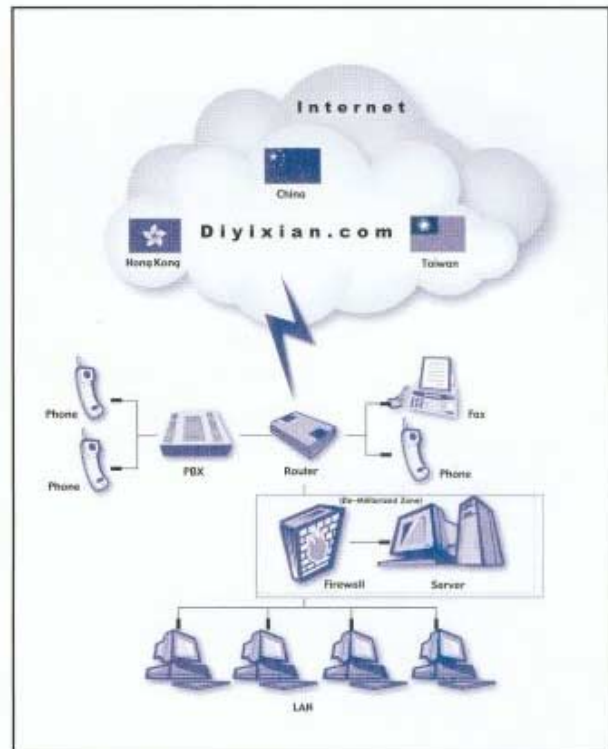
DYXNet

Dedicated Hosting

DYXNet Dedicated Hosting provides a fast and cost-effective way for companies to implement e-business applications. We offer the benefits of high performance servers in Linux, NT, Solaris platform with pre-agreed software, upgradeable hardware, high bandwidth connectivity, guaranteed reliability and around the clock technical support services.

By using this service, your business can save significant investment in the set-up and technology improvements. Expenses on hardware, software license, networks and maintenance will be significantly reduced. You not only can leverage our resources to maximize your performance, efficiency and productivity and minimize your management and operating costs, but also enable you to speed up your pace to obtain cutting edge in the competitive marketplace.

DYXNet Dedicated Hosting
DYXNet Dedicated Hosting



Benefits

- **Easy implementation** - enables you to deploy ready-to-use servers at any time
- **Save huge investment** - saves you tremendous investment on hardware, software license, networks, housekeeping and maintenance of servers
- **Easy server upgrade** - enables you to enjoy easy server upgrade for future expansion
- **Secure Access Control** - ensures physical safety as well as protection against unauthorized access to your equipment
- **World Class Support** - provides 24 hours a day, 7 days a week monitoring and surpassed technical support

DYXNet

Content Distribution

Web content, like picture, animation, audio and video streaming, plays an important role in Internet experience. Surfers expect to have the freshest and highly available content with fast access at all time. DYXNet Content Distribution enables your company to enhance content performance and quality by moving content and applications closer to end-users through the access of our strategically located servers in Greater China.

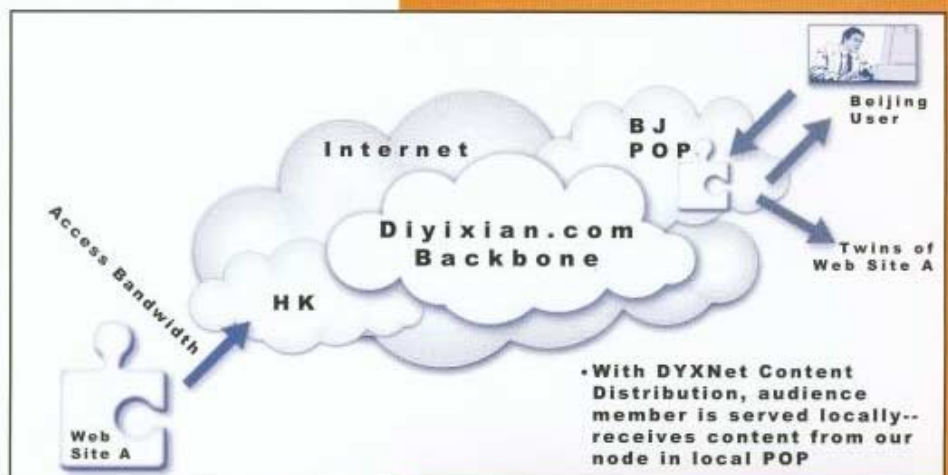
With this service, slow response and congested traffic of Web sites that are common with other ISPs will be totally eliminated. Whether your Web site is hosted in our Internet Center or not, you can reduce the costs and nightmare of installing and maintaining mirror Web sites. We help you gain competitive edge in the market by increasing your bandwidth scalability, making viewers online experience reliable and fast, as well as minimizing management and operating costs.

Whether you host your Web servers in our Internet Centres or not, surfers can browse your Web site to the most available server and the best possible local infrastructure by subscribing our DYXNet Content Distribution. It maximizes static and dynamic content delivery and minimizes downloading time by ensuring traffic to be sent along the quickest path. Our sophisticated caching and mirroring technologies make intelligent and efficient content routing possible.

DYXNet Content Distribution

Benefits

- **Timely & Reliable Content Distribution** - enable viewers of your Web site to browse the freshest and highly available content at all time
- **Saving Hardware Investment** - saves huge initial hardware investment to achieve regional/global coverage
- **Fast & Simple Deployment** - enables you to have mirroring Web site at your preferred area instantly, involves no installation of hardware and software and configuration is simple
- **Minimize Operational Costs** - saves you tremendous investment on installing and maintaining mirror Web sites in different regions
- **World Class Support** - provides 24 hours a day, 7 days a week monitoring and surpassed technical support



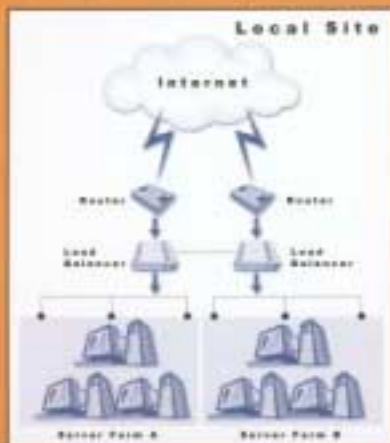
DYXNet

Traffic Management

DYXNet Traffic Management ensures efficiency by deploying special routing technology to guide your customers to your Web site through the best path of connectivity. It can offload Internet traffic by sharing heavy traffic load with server farms over the distributed network, which minimizes the risk of single system failure. Large ISPs, ICPs, B2B or B2C online businesses and those companies that cannot afford server downtime should adopt this service.

Single Site

DYXNet Traffic Management deploys the state-of-the-art load balancing technology, heavy load on any particular server will automatically be distributed to under-utilized servers according to customers' preference within the LAN. It enables your Web content to be free from the risk of being burdened by a single server that do not meet end-user expectations. It renders the most secure, reliable and high quality service to your valued customers, and they will never get any error messages due to overloaded servers, software failures, bad or missing content.



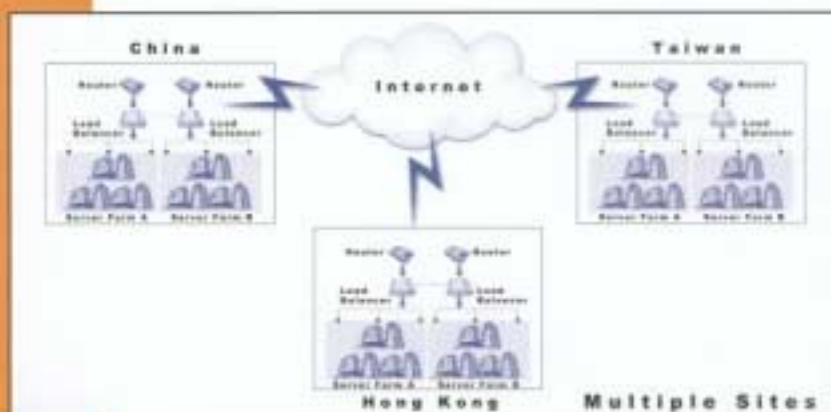
Multiple Sites

For customers with a multiple number of co-located sites in our Internet center, we can provide global load balancing by routing your Internet traffic through our Greater China backbone. We locate the closest instance of connectivity and send the end-user through the shortest path to your site in our sophisticated backbone.

In addition, this service let end-user enjoy single URL. No matter how many servers you have over the network, no matter where they are, customers only need to remember one URL.

Benefits

- **Redundant Connection** - ensures sites are free from server downtime
- **Fault Tolerance** - minimizes single point of failure
- **Fast Access** - reduces bottlenecks and avoid latency
- **Simple Management** - centralizes the management of server resources and devices
- **Content Availability** - verifies applications that respond with the correct content
- **World class Support** - provides 24 hours a day, 7 days a week monitoring and surpassed technical support



DYXNet Traffic Management
DYXNet Traffic Management

DYXNet

Managed Security

We fully understands that an ultra-secured environment is a major concern to outsource your mission-critical servers off-site. It is well known that even the most prestigious conglomerates, ISPs and ICPs are vulnerable to hackers' attack regardless the huge investment they put in building the security system. Our DYXNet Managed Security pro-actively monitors your servers against any unauthorized attacks to your business resources through Managed Firewall Service, Intrusion Detection & Analysis Service and Anti-virus Detection Service.

Managed Firewall Service

As Internet is a publicly assessible network, it will increase your chance of being intruded by hackers. Although firewall technology is today's benchmark of protecting your Web site, you are unlikely to grasp its benefits without aggressive management and concise configuration. We offer state-of-the-art Managed Firewall Service to ensure your Internet site gains the highest level of protection.

We will work closely with you to develop your firewall security policy. We will then customize, install, and manage the product that has been chosen to be the most appropriate way for running your business.

Intrusion Detection & Analysis Service

In order to prevent sudden attacks from outside, we deploy some intrusion detection programs to recognize and correct attempted attacks before your systems are intruded. With 24 x 7 monitoring services, we are always keep an eye on your business to ensure the highest levels of security.

Beside, to eliminate the risk of future intrusion, we let you take precaution measures based on our analysis of your network's vulnerability.

Anti-virus Detection Service

Viruses are ubiquitous and new viruses are born in a stunning speed. Instead of using conventional and time-consuming method to tackle viruses from the desktop up, we block them right at the Internet gateway by deploying the latest anti-virus protection device. Thus, it provides a secure environment for your Intranet servers, LAN servers, Email servers or Web server at our site.

DYXNet Managed Security

Value-added Services

We believe that the 5 core services can only meet the basic requirement of nowadays competitive marketplace. Therefore, we design 3 additional valued-added services to let customers get the most benefits and assist them in optimizing their efficiency, capability and performance.

Value-added Services

Cross Connect

Cross Connect provides our customers with remote access from our Internet Centre to their offices and a dedicated link to manage your servers. It instantly cross connects any two equipment such as switch, router, fiber optic, server or hubs together. By deploying labor, installation, testing and maintenance of the cross connect cable, it enables fast and easy trouble-shooting in the event when a line goes down.

Bandwidth Usage Report

We offer daily and month-to-date bandwidth usage report in both graphical and tabular data formats. The given statistics help you monitor your server and network resources. Data can also be downloaded from your Internet browser which allows you to perform customized calculations and graphics and plan ahead your network resources. As a result, it assists your company in cutting costs and maximizing your profit.

Multiple LAN Connect

Multiple LAN Connect enables you to have multiple lines to support your Internet traffic. It features failover protection for continuous connectivity and added bandwidth by our redundancy Ethernet switch design. Multiple LAN Connect includes Ethernet (10 Mbps) connections, Fast Ethernet (100 Mbps) connections, Giga bit Ethernet (1000 Mbps) connections and dedicated switch port connections.

Facilities

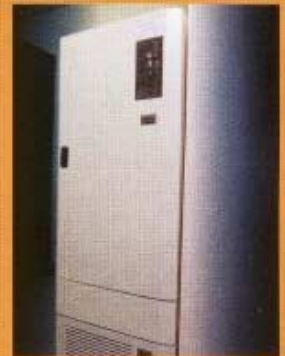
With the mission to provide an ultra-secured, well-equipped and climate-controlled environment, we dedicate lots of resources to get the most advance facilities in all Internet centres across Greater China to keep abreast of our rivals. The world class facilities can help fight against power outage, fire hazard, humidity & temperature and security problems.

Robust power backup

To keep servers up and running 24 hours a day, 7 days a week regardless of power suspension, we are equipped with state-of-the-art parallel redundant uninterruptible power supply (UPS), standby backup generators and battery backup system to guarantee no-down-time service.



Battery Backup System



Parallel Redundant UPS

Fire control

Customers' mission-critical servers are protected by two fire fighting systems, namely Fire Master 200 (FM 200) fire suppression system and water pre-action system.


The former utilizes heptafluoropropane gas, which is environmental - friendly, secure and non-corrosive to electrical equipment, to extinguish fire by chemically preventing combustion while the latter serves as a backup to FM 200 fire suppression system when the fire is completely out of control.

Facilities

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24-hour Computer
Room Air Conditioning
(CRAC) System

E a c i l i t i e s

Temperature and Humidity control

We comprehend the importance of a climate-control environment to customers' equipment or problems will occur due to overheating. With this in mind, we are powered by 24-hour Computer Room Air Conditioning (CRAC) System that can efficiently and effectively control the temperature and humidity with a constant temperature of 22°C, plus or minus 5°C, and relative humidity of 45%.







The raised floor design on the other hand can help boost ventilation and cooling effect. In addition, raised floor design enables cables to be managed in a neat and tidy way.

Security control

In an attempt to offer a highly secure environment from unauthorized access, DYXNet put stringent security controls over the centre. The 24 x 7 Network Operations Centre (NOC) monitors the whole environment around-the-clock with the help of CCTV surveillance system, motion detection sensors and alerting and alarming system, which prevents any intruders from breaking in.

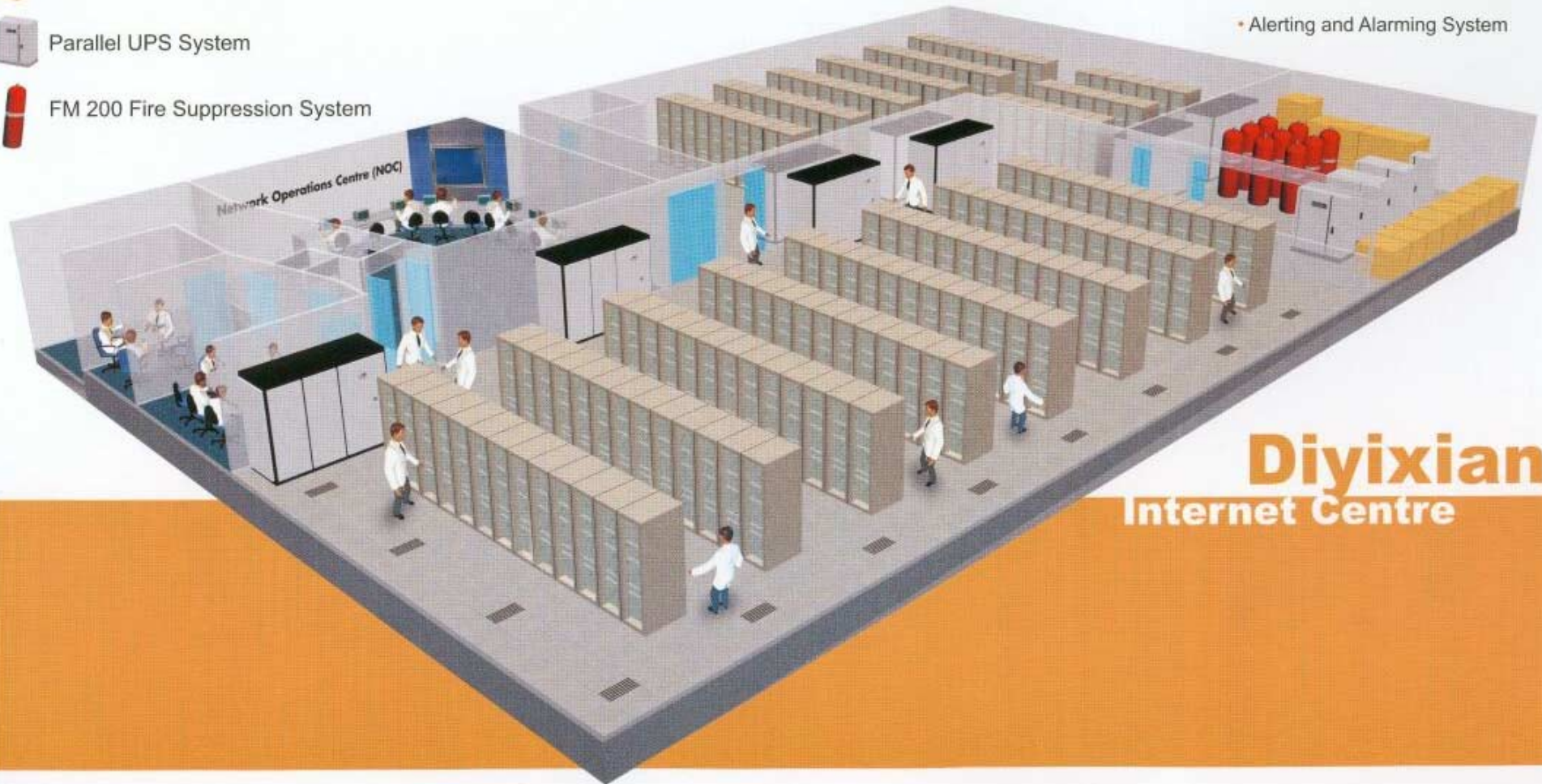
The security control is further enhanced by the special rack design. Conventionally, only one lockable-door-rack is available. With our world class facilities, you can enjoy 2 kinds of specially designed racks - 2 half-door lockable rack and 4 1/4-door lockable rack. It enables customers to have total security and separate power supply even though you only occupy 1/4 rack.

Keys

-  Raised Floor
-  Secured Rack
-  24-hour Computer Room Air Conditioning (CRAC) System
-  Battery Backup System
-  Parallel UPS System
-  FM 200 Fire Suppression System

Other Facilities:

- Climate-controlled Environment
- CCTV Surveillance System
- Standby Backup Generators
- Secure Firewall Protection
- Water Pre-action System
- Motion Detection Sensors
- Alerting and Alarming System



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