



UIH
BCH4
DATA CENTER

TO REINFORCE ANY DIGITAL REVOLUTION

DATA CENTER SERVICES



CONNECTING TO THE WORLD AND THE FUTURE

UIH, a leading Digital Infrastructure and Solution Provider, has had more than 20 years of experiences in the field. Backed by experienced Data Center specialists, UIH offers comprehensive data center services including counseling of data center topology design, sourcing 3rd party data center, implementation, relocation, operation and management. Customers, therefore, can readily see cost efficiency when opting for UIH Total Data Center Services.

THE NEW UIH DATA CENTER IS CARRIER NEUTRAL

Connections are limitless, with UIH BCH4 Data Center, customers have a liberty of choice of service from any carrier service provider. They, therefore, have great network-infrastructure options that will definitely suit their needs.

Leveraging “Terabits-per-Second Fiber-Optic Network”, UIH operates High Speed Data Center Rings. This means data centers at different locations in Thailand are connected with one another via UIH’s robust fiber-optic network. Not only that UIH data centers and its partners’ data center sit on strategic locations in Bangkok, the Central Region, the South and the East of Thailand, but they are also well connected to three global-hosting data centers across Asia.

Promising quality, the Service Level Agreement (SLA) for power availability at UIH’s Data Centers guarantee 99.99% uptime.

CONNECTIONS ARE LIMITLESS

WITH **UIH** **BCH4**
DATA CENTER

FACILITATING THE GROWTH OF CLOUD, AI, IOT

CO - LOCATION

UIH operates comprehensive IT facilities whereby customers can place their servers, or IT systems supported by high-speed internet provided to our tenants as default. Customers may go for Half Rack or Full Rack which equipped with two uninterrupted power sources in properly controlled environment.

PRIVATE AREA

There are two types of private area options, One, surrounded by metal cage, this type of private area offers higher security to racks in its zone where access control with Multi-Factor Authentication is also available. The other kind of private area is private room which available IT space is behind a closed door surrounded by solid fire-resistant walls hidden from eyesight of other tenants.

BUSINESS CONTINUITY OFFICE

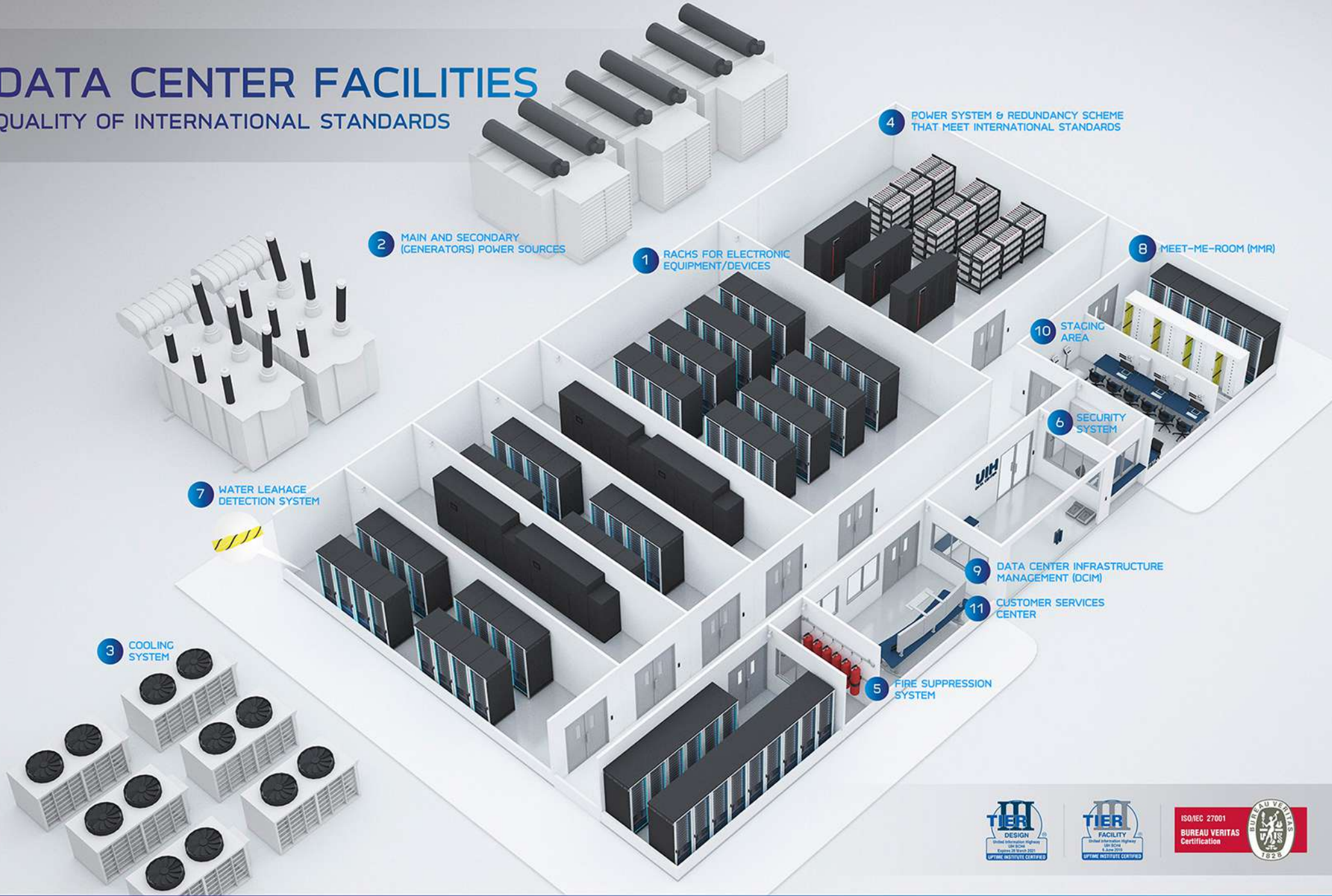
UIH offers office space with high-speed internet to customers in events of emergencies. Customers therefore can be rest assured that their business will run smooth even if an unprecedented incident occurs.

SMART HAND SERVICE

UIH can perform basic and non-complicated tasks at customer racks on customer behalf based on agreed procedures. This service from UIH is very useful for customers who wish not to come to data center to perform such simple duties.

DATA CENTER FACILITIES

QUALITY OF INTERNATIONAL STANDARDS



1 RACKS FOR ELECTRONIC EQUIPMENT/DEVICES

Standard 42U Racks, with 3-Digit Combination Lock that makes things much more convenient for customers who otherwise would need a traditional key to open the rack. Every rack is powered with two Independent Power Sources too.



2 MAIN AND SECONDARY (GENERATORS) POWER SOURCES

A guarantee that customers' works can flow smoothly at BCH4 is well designed of two power sources. Main electricity source is tapped from protected power ring of Metropolitan Electricity Authority (MEA) which offer 24,000 volts to our 2N redundancy configuration transformers. While our secondary source is reinforced with N+1 redundancy configuration generator sets.



3 COOLING SYSTEM

In line with Uptime Tier III standards, UIH data center is designed to maintain the optimal indoor temperature at between 22°C - 26°C and humidity of 50% - 60% RH. Such environment allows customers to operate their servers and equipment round-the-clock at maximum efficiency.



4 POWER SYSTEM & REDUNDANCY SCHEME THAT MEET INTERNATIONAL STANDARDS

Uptime Tier III standard means Concurrent Maintainability, the standard is to ensure that all power supply provisioning can be maintained while continue providing services to customers' equipment. This is achieved by redundancy configuration of generator sets, transformers and UPS'. Likewise, the power cable route is also redundant with its own cable tray promising that if any malfunction takes place on one of the tracks, the other will continue providing service. Better still, UIH Data Center installs special 2-hour fire-resistant-rating walls to keep external heat away which help saving energy.

5 FIRE SUPPRESSION SYSTEM

Our fire suppression system comprise of early warning detection system which will examine air sample and look for hazardous particles which has potential to cause fire, it will work together with high sensitivity smoke detection system to determine the need of releasing IG-100 (Nitrogen gas) to suppress the fire, the Nitrogen gas is not harmful to computers and network elements.



6 SECURITY SYSTEM

UIH places a strong emphasis on security. Our data centers are certified with ISO27001 to ensure tenants' data security to stay within the data centers. Security guards are on duty around the clock at outdoor and indoor zones of UIH Data Center. CCTV also covers all areas of the centers. For extra security, Access Control deploying Multi-Factor Authentication is in place. Time-in and time-out of authorized persons are recorded. UIH Data Centers have stringent authentication system and clear record of people with authorized access.



7 WATER LEAKAGE DETECTION SYSTEM

This system is installed to detect any water leakage or water droplet formation under the raised floor. Such detector plays a crucial role in preventing water or moisture from harming customers' computer system. In an event that the system issues an alert, UIH engineers will promptly investigate and solve the problems so as to protect customers' devices as well as UIH Data Centers.



8 MEET-ME-ROOM (MMR)

Because UIH BCH4 Data Center is carrier neutral Data Center, the MMR is a space for carrier provider partners to put their service nodes to provide their services to our data center's customers.



9 DATA CENTER INFRASTRUCTURE MANAGEMENT (DCIM)

Data Center Infrastructure Management (DCIM) is deployed to monitor various systems of UIH Data Centers such as power system, cooling system, fire suppression system and other supporting systems. Highly-experienced engineer specialists are always on hand to deliver solutions, should DCIM detects any problem. In events of emergencies, reports are sent to customers and UIH personnel in real-time.



10 STAGING AREA

The area offers convenience to customers who needs to prepare their equipment at UIH Data Centers. Facilities in Staging Area include digital meters that accommodate all standard types of electric plugs in the world, weights, keyboards, mice, and monitors. If customer is in need to connect to their servers at racks, we also provide the mobile unit of monitor, keyboard and mouse on wheel stand.



11 CUSTOMER SERVICE CENTER

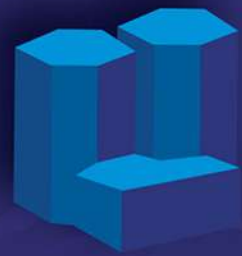
Our customer service center agent delivers fast and efficient after-sales services through highly-experienced technicians, well-trained analysts and operations staff. We are ready to provide 24x7 support every day. Just call us at +66 2016 5678.



EXCELLENT LOCATION

AND TRANSPORT CONVENIENCE

UIH Data Centers are conveniently and safely located, well away from riot risks. Their architectural structure and access are very secure, the vital supporting facilities are fabricated strictly in line with international standards.



BCH4 Center, Chatuchak

The BCH4 Data Center on Vibhavadi Rangsit has received Uptime Tier III certificate in Design & Constructed Facility. Moreover, the building has convenient access to public transportation system (Red Line).



TCCT Center, Bang Na

This Data Center building sits inside the Interlink Tower compound on Bang Na – Trad Road km 4.5. boasting Tier III-equivalent standards.



Centers in Economic Zones across Asia

Many of these data centers are located in Thailand's economic zones such as Saraburi, Samut Prakan's Bang Phli, Chon Buri's Amata City, Chon Buri's Hemaraj 2, and Bang Na. Several others are in other parts of Asia such as Singapore, Hong Kong and various economic hubs of the region.



BCH4 DATA CENTER

CONNECTING TO THE WORLD AND THE FUTURE
WITH INTERNATIONAL STANDARDS




ISO/IEC 27001
BUREAU VERITAS
Certification




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