Data Centre & Server Room
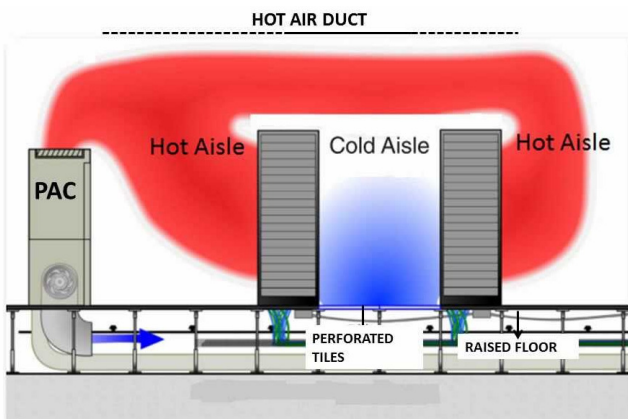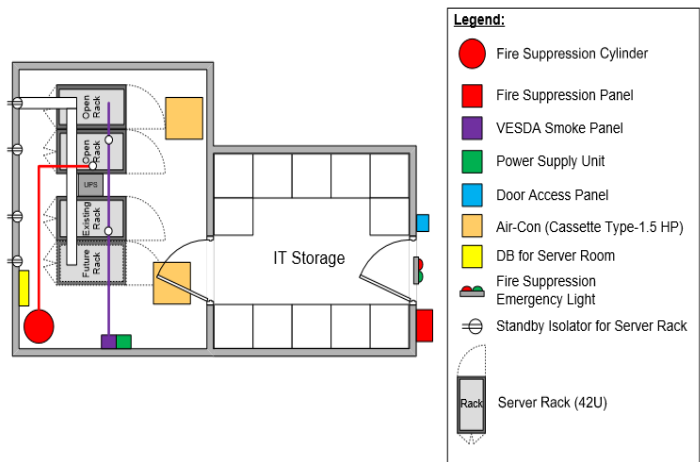
BrightClick
solutions

Key Elements

BrighClick Solutions Sdn Bhd would like to introduce **Data Centre and Server Room Key Element** to serve your corporate demand and need when come to building or designing a data centre or server room to occupy your server and network racks.

Below are few of the key important element to have in a Data Centre or Server room:
1) Precision Air Conditioning
2) Fire Suppression System FM200
3) Uninterruptible Power Supply
4) Raised Floor Systems
5) Environment Monitoring System

Legend:
- ● Fire Suppression Cylinder
- ■ Fire Suppression Panel
- ■ VESDA Smoke Panel
- ■ Power Supply Unit
- ■ Door Access Panel
- ■ Air-Con (Cassette Type-1.5 HP)
- ■ DB for Server Room
- Fire Suppression Emergency Light
- Standby Isolator for Server Rack
- Server Rack (42U)

Precision Air Conditioning:

Precision air conditioning are designed for close temperature and humidity control. They provide high reliability for year round operation, with the ease of service, system flexibility and redundancy necessary to keep the technology room up and running 24 hours a day.

Differences between precision air and comfort air conditioning:
- Sensible heat ratio
- Precise temperature and humidity
- Air quality
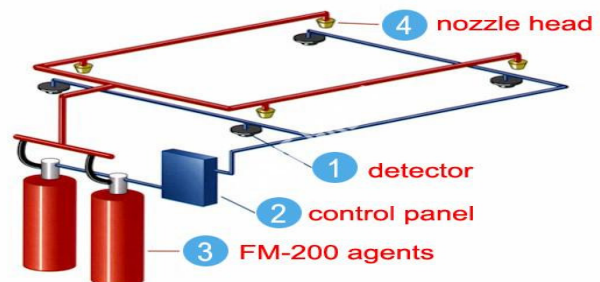- Hours of operation

Fire Suppression System FM200:

FM200 effectively removes heat and breaks up the fire at molecular level. With fast and protective extinguishing action, sensitive components are not damaged. Toxicologically harmless, HFC-227ea discharges as gas and leaves no residue, thus there is no hassle for any clean-up cost, unlike sprinklers.

Indeed, FM200 can provide greater coverage in the shortest time span than any other options. This is significant to minimize damages and interruptions for your business especially when your company relies heavily on the high availability of critical operating procedures.

Key features of FM200:
- Clean and Safer Choice
- Space Efficiency

Please email or call us to request for a presentation

4 nozzle head
1 detector
2 control panel
3 FM-200 agents

Data Centre & Server Room

Key Elements

Uninterruptable Power Supply:

Our UPS products are scalable and adaptable data center IT room physical infrastructure solutions for 1 to 5 racks that have a low Total Cost of Ownership, are fast and easy to configure and deploy and ensure your business critical accessibility is maintained. These complete and integrated solutions feature power, cooling, racks security and management components that are developed to work together with integrated server room design and management software. We provide a wide range of backup power to overcome the outage problem in your company data centre or server room. We also supply UPS which can cover a wide range of power quality problem such as:

- Harmonics (Distortion)
- Frequency Variation
- Voltage Fluctuation

Raised Floor Systems:

Our raised floor systems are designed to meet the functional requirement of intelligent office buildings, server rooms, computer rooms, clean rooms and all forms of research and telecommunication centers.
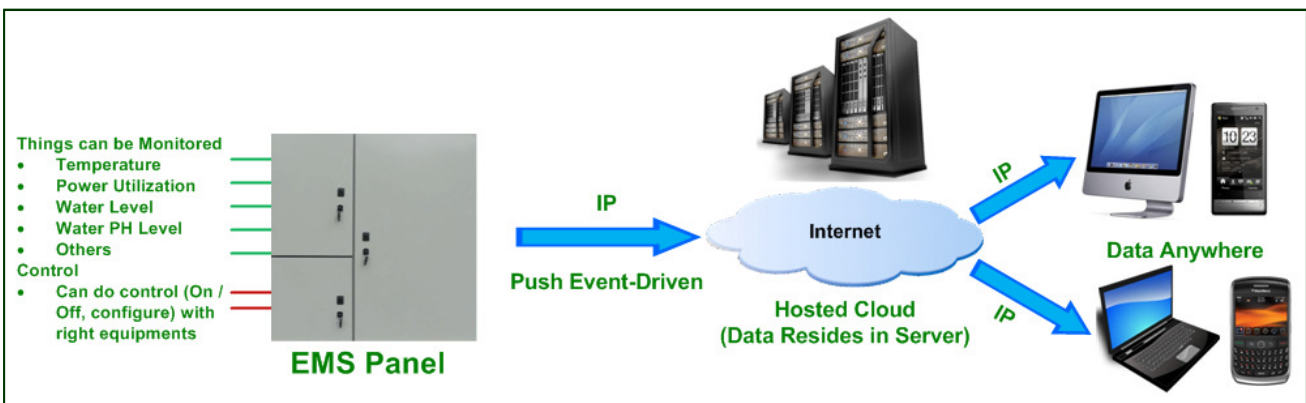
Raised floor systems are rigid with a high endurance level, sharp in shape and easy to handle, save in every respects with and added advantage of comfort that you can feel.

Our raised floor systems has long been developed to ensure the above conditions, easy installation and relocation. These are designed for integrated efficiency in any environment, ensuring spacious dimension flexibility in room layout.

BrightNet Environment Monitoring System:

A complete solution suite that caters to a diverse range of business environment, from residential, office up to large enterprise & factories.

Things can be Monitored
- Temperature
- Power Utilization
- Water Level
- Water PH Level
- Others

Control
- Can do control (On / Off, configure) with right equipments

EMS Panel

IP
Push Event-Driven

Internet

Hosted Cloud
(Data Resides in Server)

IP

IP

Data Anywhere