

## DATA CENTER

 **CRITICAL**<sup>™</sup>  
GROUP OF  
COMPANIES

W / [www.critical-eng.com](http://www.critical-eng.com)  
E / [admin@critical-eng.com](mailto:admin@critical-eng.com)

## THE DATA CENTER

Successful data center design build construction projects require a balance that can only be maintained through a deep understanding of every element, process and requirement of the data center infrastructure.

There's no such thing as a "one-size-fits-all" solution

- Before one piece of equipment is selected,
- Before any topology is chosen,
- Before the floor plan is envisioned,

we listen to your data center requirements, to produce a quality, constructible design that will help you achieve your business goals.

A vendor neutral – meaning we're not tied to any OEM, we select the right design, equipment, and partners for our client's data center projects by putting their interests first.



## THE PROFESSIONAL

Each and every one which involve in the design build construction projects are internationally certified and qualified to carry out their task, to fulfil to the customer expectation, namely;





# THE SOLUTIONS CYCLE

## 1 - POWER AVAILABILITY

- UPS
- GENSET

## 12 - SERVICE & MAINTENANCE

- PREVENTIVE/COMPREHENSIVE
- SPARE PARTS
- RECORDS KEEPING
- 24X7X365

## 2 - POWER PROTECTION

- UPS
- EARTHING

## 3 - BATTERY PROTECTION

- BATTERY MONITORING SYSTEM

## 4 - POWER DISTRIBUTION

- PDU
- PLC

## 5 - HEAT REMOVAL

- CRAC
- CRAH
- MV

## 6 - AIR DISTRIBUTION

- HOT/COLD AISLE CONTAINMENT
- PERFORATED RAISED FLOORING

## 8 - FIRE SUPPRESSION

- FM200

## 7 - WATER PROTECTION

- LEAK DETECTION SYSTEM

## 11 - REMOTE MONITORING

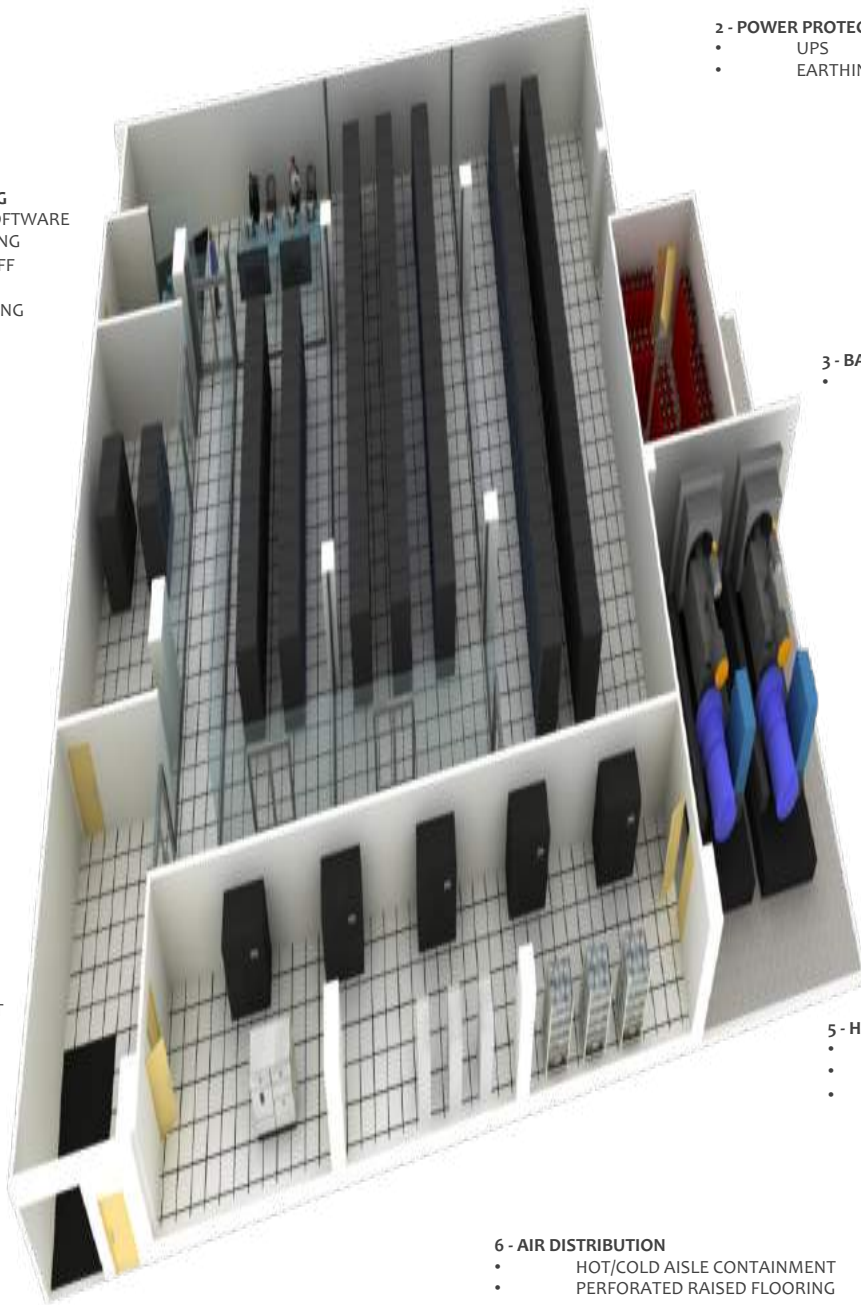
- WEB BASED SOFTWARE
- EVENT TRENDING
- REMOTE ON/OFF
- SMS/EMAIL
- ALARM ALERTING
- DCIM

## 10 - SECURITY

- CARD ACCESS
- BIOMETRIC
- CCTV

## 9 - FIRE DETECTION

- VESDA
- SMOKE/HEAT DETECTOR



## Our Presence



### Sales & Services Offices

Penang  
4,6,8 Cangkat Bukit Belah  
11920 Bayan Lepas  
Penang, Malaysia  
T / +604 649 6033

Kuala Lumpur  
RK30A, Jalan Villa 3  
Anggerik Villa, Off Jalan  
Semenyih  
43500 Kajang  
Selangor DE, Malaysia  
T / +603 8723 2033

Ho Chi Minh  
Vincom Center Tower  
72 Le Thanh Ton,  
17th Floor, Unit 11,  
Ben Nghe Ward, District 1,  
Ho Chi Minh City, Vietnam

### Tests & Logistics

Penang  
17, Lorong Valdor Jaya 3  
Golden Gateway Perindustrian  
Valdor  
14200 Sungai Jawi  
Penang, Malaysia

Ho Chi Minh – Sales & Services

The map shows the geographical outlines of Southeast Asia in white against a blue background. Three orange location markers are placed on the map: one in Vietnam (Ho Chi Minh), one in Penang, Malaysia, and one in Kuala Lumpur, Malaysia. Lines connect these markers to their respective labels.

Penang – Sales & Services

Penang – Tests & Logistics

Kuala Lumpur – Sales & Services