

# TCT™

## Thermal Containment Technology

### Modular Design, Automatic Release



### **Data Centre** Solutions & Services

understanding the data centre requirement for  
racks, power, environmental monitoring, access  
control & all your remote monitoring needs





## TCT™ for the Data Centre

### Improve Cooling Efficiency

Dividing the cold and hot aisles with a containment solution stops hot air recirculating within the data centre and mixing with the cold inlet air. Such recirculation reduces overall cooling efficiency by as much as 40%. Help prevent hot spots developing with the cabinet by deploying our TCT™ (Thermal Containment Technology) within your environment.

### Reduce Energy Costs

Ensuring cold and hot air separation enables high-volume air conditioning (HVAC/CRAC) systems to work more efficiency and effective by up to 45%, reducing power consumption and energy costs within your data centre by up to 50%. A well designed containment system allows higher temperature set points within the server rack by directing cooler air more directly to the server inlet zones.

### Extend Equipment Life

Implementing our **TCT™** (Thermal Containment Technology), will help in reducing fan speed within IT devices by as much as 35%. CRAC/HVAC units dynamically cycling on and off as needed can increase the life span as much as 65%.

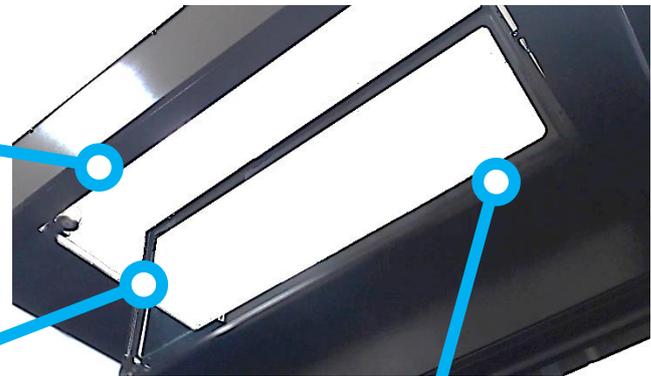
## Automatic Swing Down



Dual Hinged system for top cover to swing freely without disruption to your IT equipment

Rapid deployable modular units to suit 600mm, 750mm, 760mm, 800mm, 900mm & 1000mm wide racks

Clamping Technology to automatically react when conditions go outside your data centre parameters



The top will automatically swing down when conditions become critical

Swing down the top cover due to:

- Your site is too hot
- Water leaks
- Smoke from a burnt fan or PCB
- Low or High Humidity
- Security breach to the site

## Approach

No matter the mix of server racks you have on site, we have you covered. Special designed compartments to suit your environment. Have a team of passionate individuals wanting to save your time.

## ROI – Return Of Investment

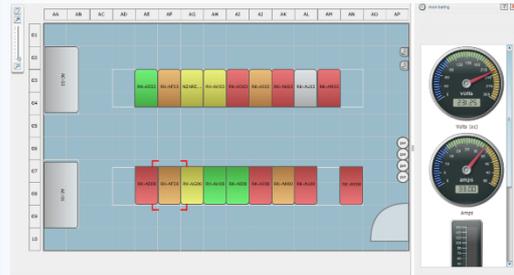
With demands on budgets, we will show you how with our modular turnkey solution we can save you on energy costs in as little as 3 months

## Non Invasive

Produced for hot or cold aisle, we can retrofit our system after your data centre is running with no interruptions to you and/or your customers.

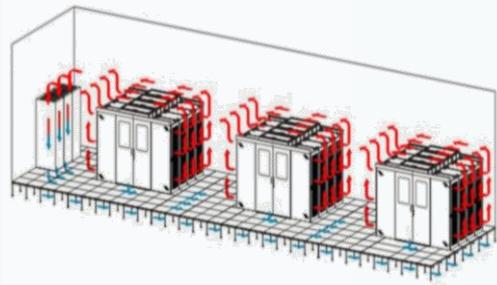
# Step 1

Monitor Your Environment



# Step 2

Integrate Containment



# Step 3

Manage Your Cooling



## Data Centre Solutions & Services

