

# who we are

Headquartered in Mumbai and office in Singapore. Profile Solution is a innovative supplier of thermal management and airflow solutions for the data center international telecom, and IT markets.

The company's products and services include perforated high volume tiles, intelligent active floor tiles, over-head air-movers, air blocks, rack baffles, raised floor partition solution, thermal testing, cooling Thermal Containment, Modular Data Center.


## Profile Solution approaches a problem in simple methodology

- On-site audit discovers all variables within each unique data center, including room layout and rack location, server density, thermal containment design and execution type and location, perforated tile quantity.
- Installation requires no down time or movement of IT or Critical Infrastructure.
- Worked with Top most 6 Cloud Computing Companies for Thermal Containment Infrastructure.

Profile Solution has implemented an energy-efficient, intelligent cooling approach for data centers. When recommended changes are applied, eliminate hot spots while reducing the overall electrical energy consumption.

Designed & Implemented the first fire compliant active system	01		05	200+ Projects with 20% PUE Improvement Completed
800+ Projects Accomplished	02		06	85% Market Share
3+ Country Presence	03		07	4+ Countries we Export
8+ Cloud Containment Setup	04		08	3+ International Cloud Computing Setup

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# PROFILE SOLUTION



LEADER IN  
Data Center Airflow Management

❄️ Emergency Door Opening Kit



❄️ Containment Roof Panel



❄️ Rack Vertical Panel



❄️ Cable Entry Grommet



❄️ Blanking Panel



❄️ Containment Door



❄️ Cable Brush Grommets



❄️ Active Booster Grill



## Rigid Containment

Our CAC/HAC solution is made of UL-V0 Certified Fire Retardant materials considering Data Center Standards and Regulations and is a completely customized containment which can be done for racks of any shape and size and has no dependency on racks, hence making it completely independent of racks.

After Containment is done any racks can be moved at any period of time.

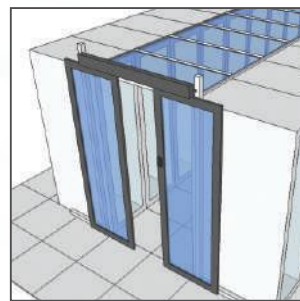
## Door Sections

Containment entry is through one or two doors - 1200 mm or 1800 mm wide - Sliding or Swing Door Versions.

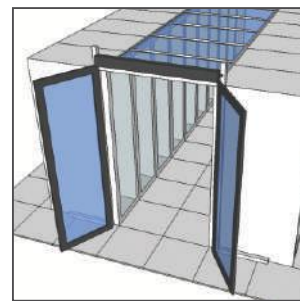
Both Types Consist of Two Wings.

A standard Sliding Door consists of a Mechanical Opening System (Each Door Wing is independent) and can be equipped with a Synchronous System (Both Door Wings moving simultaneously) or with an Automatic System with Sensor Control.

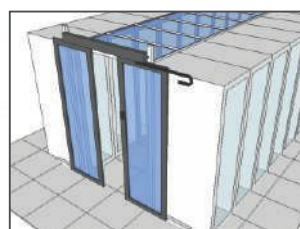
Sliding Doors are made from Aluminum/CRC.



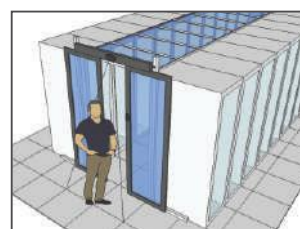
Sliding Door



Swing Door



Sliding with Fire Integration



Auto Sensor Door

## Roof Panel

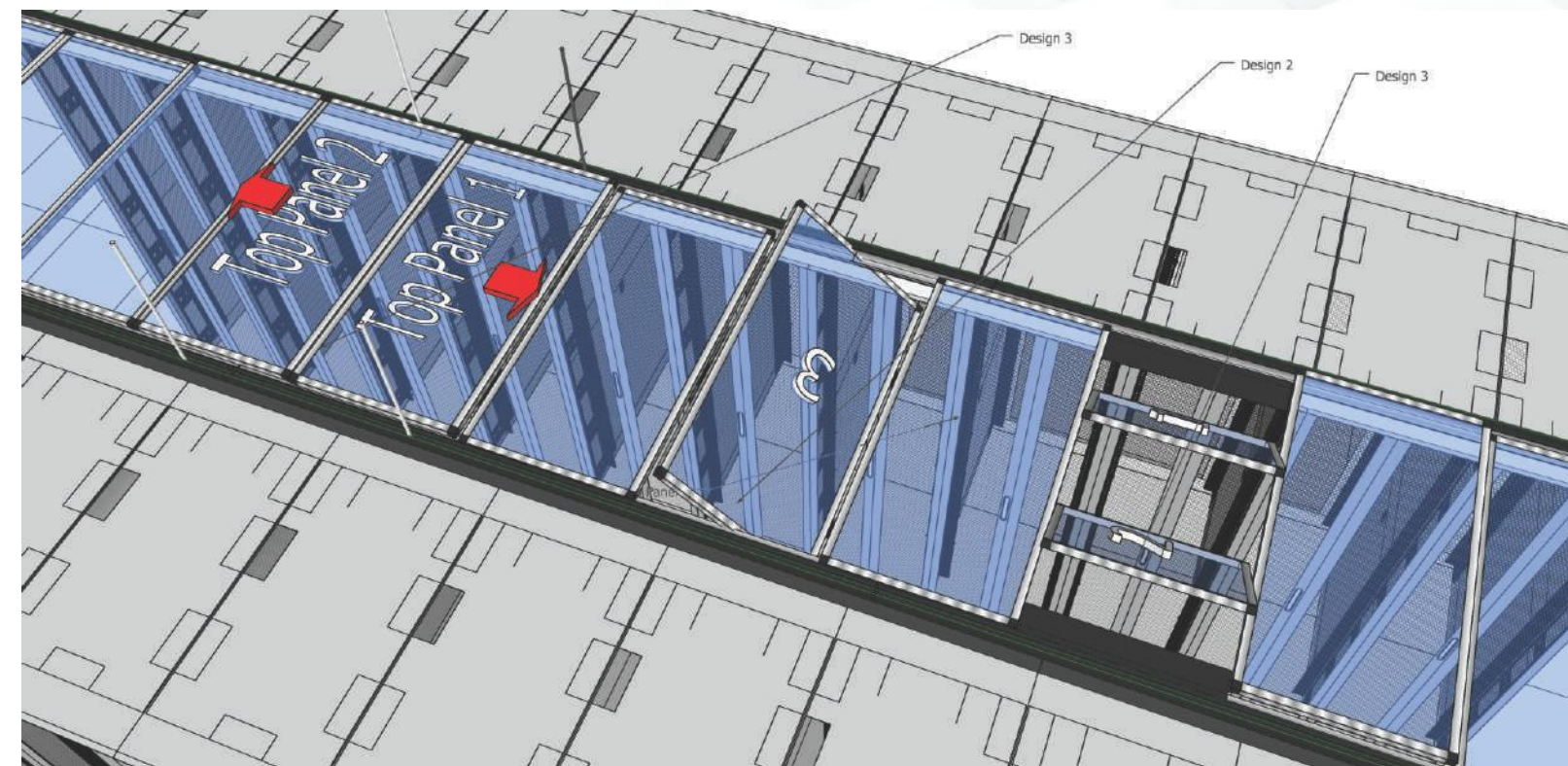
The Roof Sections are connected to the top of the racks to prevent the mixing of Cold Air and Hot Exhaust. The Roof Panels are made of 3/4 mm thick clear Polycarbonate Transparent Fire Retardant UL-V-0.

- \* Top Panel for Aisle width from 1200 mm to 1800 mm
- \* Top panel can be removed for maintenance\*
- \* Automatic Top Panel with Magnetic Feature / Motorized Feature / Electromagnetic / Swing Open \*

## Fire Complaint Containment System

Fire Activation Control Kit Mechanism shall be placed near BMS Panel the same shall be connected with Fire Control Panel. With use of Hardware and Software Integration the Roof Panels/Doors would open in case of fire.

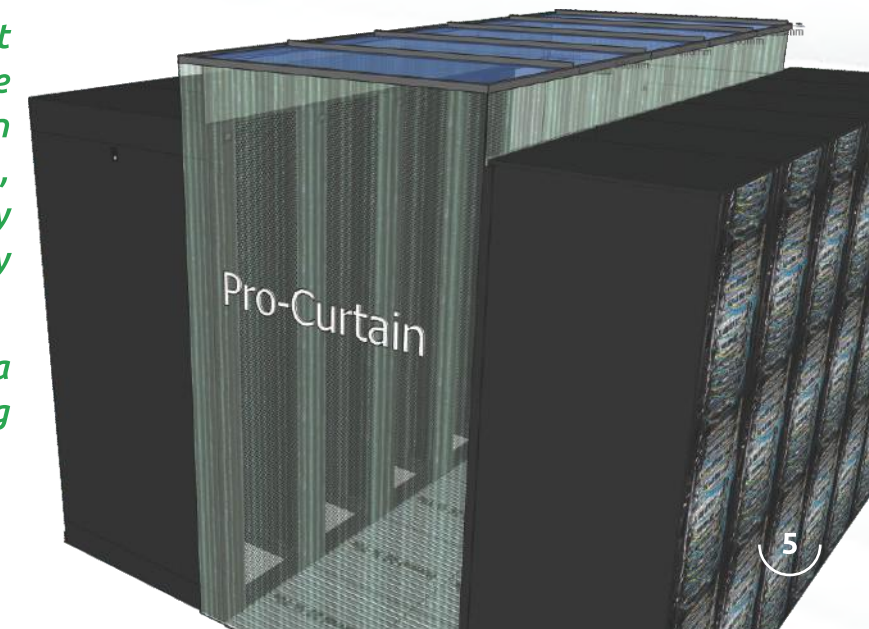
The configuration can be changed as per requirement.



## Flexible Containment

Pro-Curtains are flexible quick cost effective Air Isolation Solution. Made from High Grade Vinyl which can withstand Lower Temperature, Higher Transparency, Humidity Resistance and Soft Easy Accessibility System.

Our Flexible Curtains have a proprietary unique design of using Dual Layer Uncut Flexible Sheet.



## Cool Capsule

*Cool Capsule takes flexibility, scalability and simplicity to a new level. It's almost like a data center which you always wanted for enterprise requirement.*

*It has a floor supported platform which eventually take care of cable tray, fiber runner and power requirement. It is one of highest value proposition product we currently have.*

*The system is rack ready and is designed to deploy within 1 week with proper planning. The same can also be modified with almost no material addition for any new rack requirement.*

*Required configuration can be configured during to design phase.*



### Pro-Lock Brush Grommet



Brush Grommets (Pro-Lock) of Variant Fire Retardant and Non Fire Retardant is used in Sealing cable openings at Floor Tile lever or Above Rack Level to Provide a Cost-effective Airflow and Thermal Management Solution.

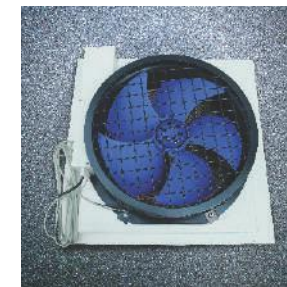


## Air Flow Management Systems

### Pro-Active Booster Fan Tile



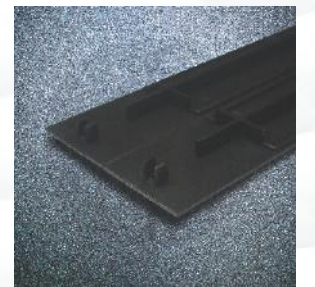
Pro-Active floor tile is a powered airflow improvement product that move chilled data center air to precisely where it is needed the most, and remove heated exhaust air directly back to your computer room air conditioners (CRACs). Pro-Active floor Top of the line models are Thermo Statically Controlled by the included Temperature Sensors.



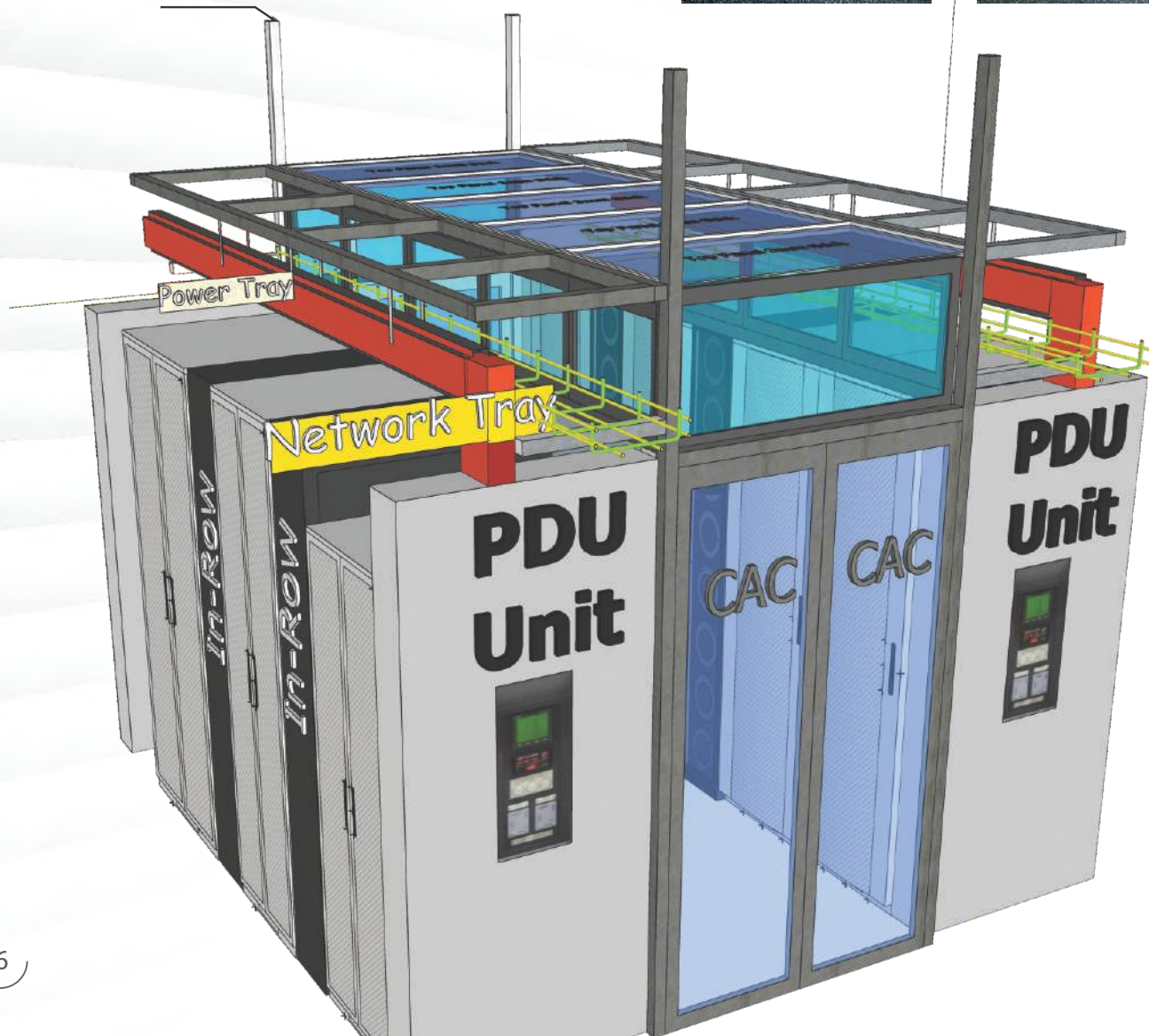
### Pro-Fill Blanking Panel 1U/2U



Blanking Panels, also called Closeout Filler Panels, provide a way to cover unused rack space in the front & Side of a Rack, resulting in improved Airflow to the Installed Equipment and Reducing Internal Hot-Air Re-circulation within the rack.



Actual Ceiling Support



## Container Data Center

*Profile Solution Modular Containerized Data Center is a Flexible, Agile, Scalable and Compact which can be deployed at will. This is designed and made as per customer requirement and can be even used for ILA and other Telecom Application.*

