

Mobile & Modular Data Centre Solutions energy efficient by design

Agile, Scalable, High Performance Mobile & Modular Data Centre Solutions



Why Modular ?

“Modularity is now at the forefront of contemporary data centre design. The ultimate goal is to build a dynamic data centre solution capable of rapid change to meet evolving market demands.”



Modular Data Centre Commercial Benefits

- Reduces Capital Outlay
- Increases Investment Efficiency (ROI)
- Increases Client Width
- Rapid Deployment
- Pre Engineered
- Technically Agile
- Site Independent
- Future Proofed
- Grows inline with I.T. Demands



Innovation

Modular Data Centre Approach

- ❑ Flexible, Scalable, High Performance
- ❑ Reduced Capital Outlay
- ❑ Rapid System Deployment
- ❑ Scalable Alternative to Traditional Build
- ❑ Pre-Engineered Technology
- ❑ Agile Future Proofed Design
- ❑ Delivers Greener Data Centre



Pre-Fabricated Modular Architecture ?

Power Pod

Mechanical Pod

UPS Power Pod

Housing

- 160kW – 250kW - 500kW – 1000kW
- Custom Switchgear
- Modular Scalable UPS Systems
- Mechanical Plant Services



Data Centre Pod



Housing

- Equipment Racks
- Fire Suppression
- Environmental Monitoring / DCIM
- I.T Infrastructure



Containerised Vs. Pre-Fabricated Modular

- ❑ **Containerised**

- ❑ **Transportable**

- ❑ **Mobile**

- ❑ **Pre-fabricated
Modular**

- ❑ **Flexible Widths up to 3.6m**

- ❑ **Improved Rack Access**



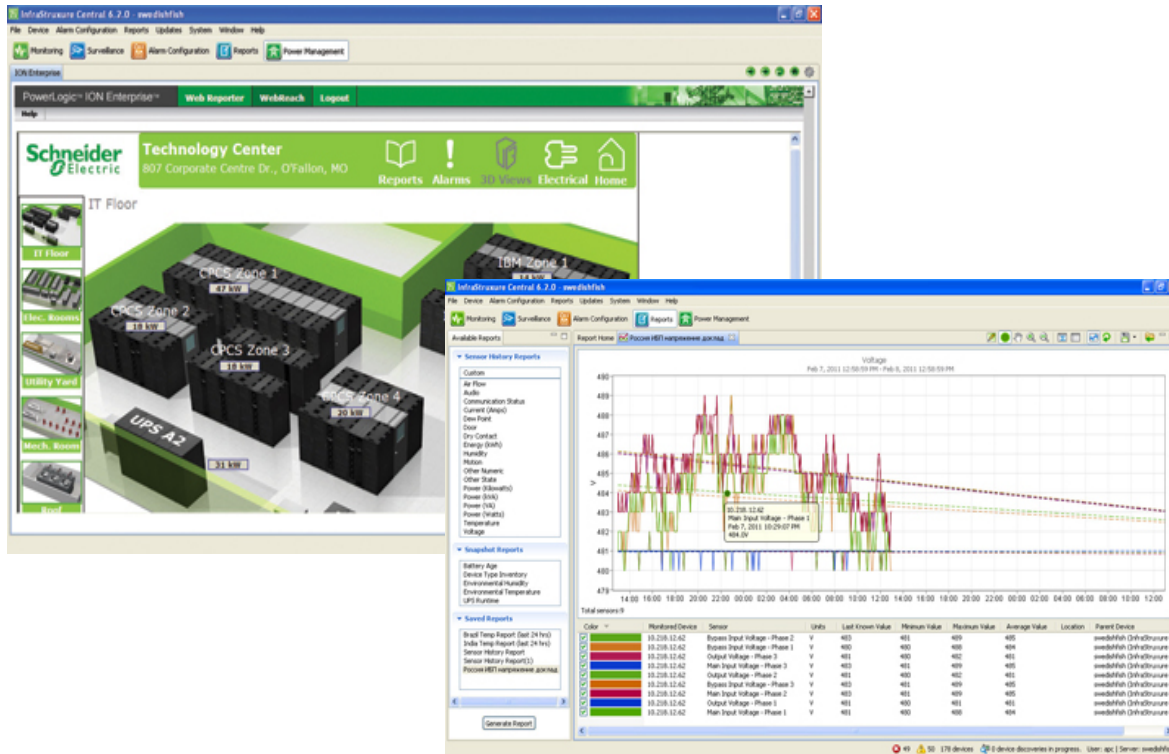
Flexible Cooling Options

- Freecool[®] - Evaporative Free Air Cooling**
- Rear Rack – Heat Exchange**
- In-Row - Cooling**
- Perimeter – Upflow or Downflow**



Management Systems

StruxureWare Data Centre Expert

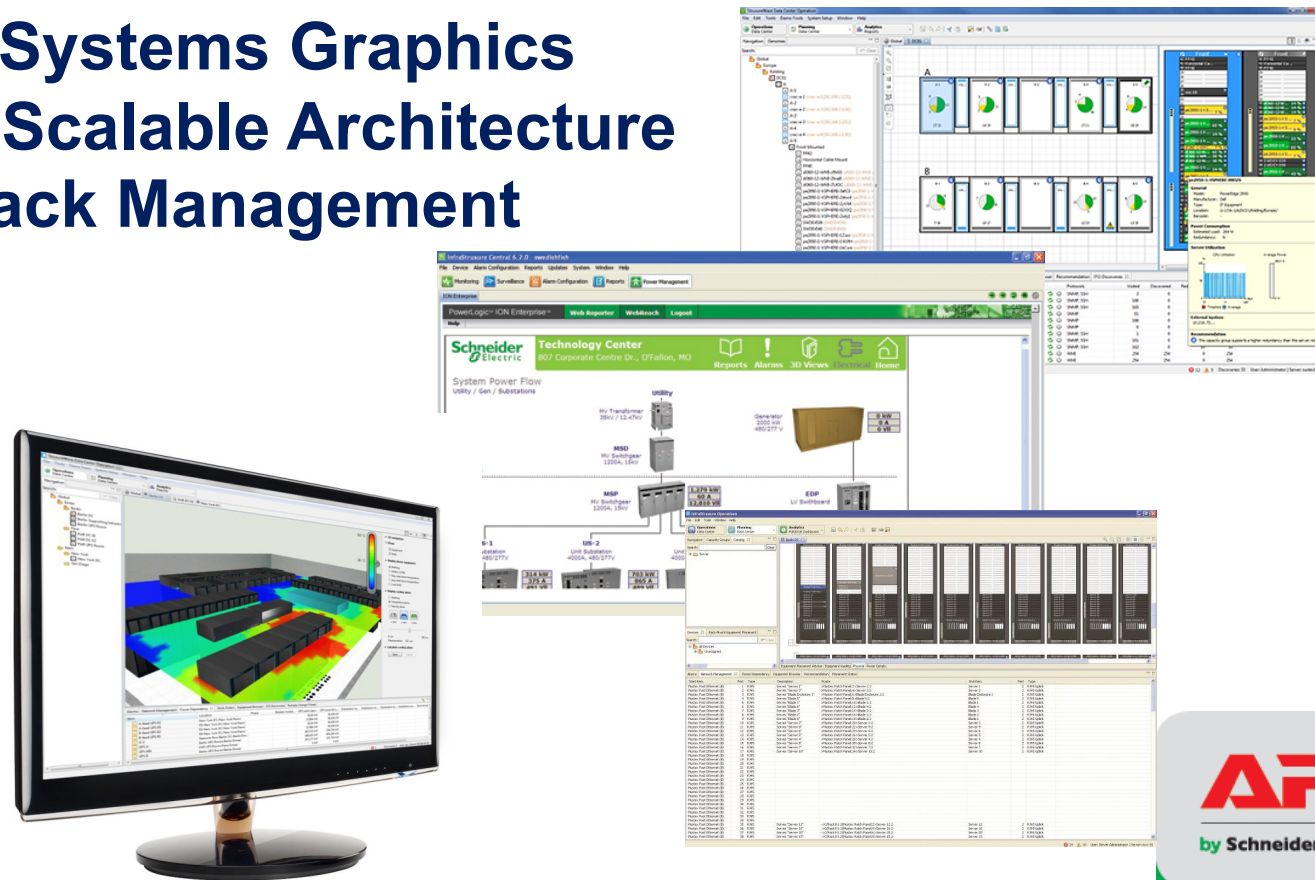


Fully Centralised Alarms & System Monitoring



Data Centre Management S/W

- ❑ Operations S/W Recommended
- ❑ Integrated Systems Graphics
- ❑ Modular & Scalable Architecture
- ❑ Space & Rack Management



**For Further Information
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