DESIGN, ENGINEERING, AND CONTRACTING FOR THE COMPUTER INDUSTRY

Another BRUNS-PAK Success Story

Here's What it's all About

A Fortune 100 pharmaceutical company, with worldwide manufacturing, production and distribution facilities, engaged BRUNS-PAK to develop and design/engineer a global "best practice, state of the art, modular, scalable, flexible solution" for the enterprises emerging demands.

The Challenge:

The Client's global operations necessitate the need for IT solutions in often demanding environments. To respond to market demands, these typically require fast-track deployment. BRUNS-PAK was engaged to develop a modular, scalable and flexible solution that could be configured to meet the specific application need utilizing standardized components, suitable for installation in a variety of environments with minimal on-site construction, to provide rapid availability worldwide.

The Activity:

BRUNS-PAK designed and engineered a self-contained rack enclosure that provides power, cooling, fire protection, BMS and security for the IT hardware that can be configured to meet varying Levels of Reliability. The units leverage existing rack-mounted UPS systems together with available in-row cooling technology. Clean agent fire suppression is provided together with a variety of security system options; ranging from key locks to the latest biometrics.

The Results:

Working with manufacturers/vendors, BRUNS-PAK developed a 'best of breed' non-proprietary modular-scalable cost-effective worldwide solution. The 'typical' module can be configured from three to twelve IT racks; with redundancy options from 'N', N+1' to '2N' and capacity from 5kW to 60kW. Additional modules can be added as and when needed for growth. Deployment requires minimal on-site construction; power supply and heat rejection. Units can be installed virtually anywhere; warehouses, office space and on exterior pads.

How it Turned Out

"The cost to deploy this 'Edge' solution is less than 40% the cost of the traditional IT solutions deployment"

Challenge #1)

Provide a prefabricated/pre-assembled modular, scalable self-contained rack enclosure that incorporates Power, Cooling, Fire Protection, BMS, IT Infrastructure and Security that is adaptable to a variety of Levels of Reliability and Redundancy

Challenge #2)

'Drop-and-Go' solution, with Global availability, suitable for robust environments with minimal local infrastructure modifications that offers a cost effective, repeatable solution with speed of deployment

Highlights

*A NEMA-4 rated enclosure providing solutions from 5kW to 60kW, with three levels of reliability and redundancy, configurable from 3 to 12 IT rack enclosures.

*A manufactured component that can be ordered / delivered worldwide, that is 'plug-n-play' and can be installed in non-Data Center spaces (warehouses, office space, outdoors)

WANT TO LEARN MORE ABOUT IT?

We'd love to chat with you!

CONTACT US