

Ashburn Co-Location Case Study

Cold Aisle Containment for New Data Center

Project Background

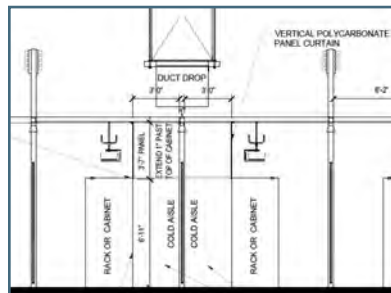
Client desired “removable” rigid vertical partitions because of a need for easy and quick removal for access and cleaning. Client also required aesthetically attractive and visually interesting permanent partitions for selected non-tenant areas.



Installation of SPS



“Light Box” Containment



SPS Containment Drawing

Client	Confidential
Consultant	Sheehan Partners
Location	Ashburn, VA
White Space	222,000 square feet
Completion Date	2013

“...Polargy got the job done on time and on budget...”

Design Requirements

- Lightweight Removable Rigid Partitions
- Simple Mounting Features
- Cost Goals Per Linear Foot
- Permanent Opaque, Rigid Partitions to Create “Light Box” Effect

Cold Aisle Containment Design

- Open Top Cold Aisle Containment with Overhead Supply and Slab Floor
- PolarPlex Suspended Panel System Attached to Overhead Steel Frame Structure for Above Racks
- PolarPlex SPS for Cage Wall Isolation
- PolarDam Air Dam Foam as needed to seal miscellaneous gaps.
- PolarPlex Standard Panels and Custom F-Brackets for “Light Box”

About Polargy

Polargy is the leading manufacturer and turnkey provider of data center hot and cold aisle containment systems. Polargy's informed designs, intuitive line of products and experienced installers ensure on schedule and on budget delivery. Polargy's containment systems are installed across the world with customers including Verizon, Equinix, Pixar Animation, Facebook, and IBM.