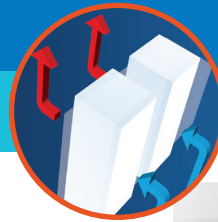


PRODUCT SOLUTIONS BRIEF
CHATSWORTH PRODUCTS

DATA CENTER THERMAL EFFICIENCY



Through our strong global partnerships and alliances with manufacturers such as Chatsworth (CPI), we are able to present you with the following offering to meet your specific data center requirements.

Build To Spec (BTS) Kit Aisle Containment

CPI's Aisle Containment Solutions are flexible, feature-rich products for both hot- and cold-aisle containment and offer superior airflow management, which reduces operating costs. The Build to Spec Kit features a field-fabricated duct that is used over contained aisles. This solution integrates with perimeter cooling, provides immediate improved cooling efficiency and is compatible with economization methods. It is ideal for retrofit applications over a mix of cabinets, including cabinets of varying heights, widths and depths.

With built-in flexibility and high-quality engineering, the BTS Kit Aisle Containment Solution easily adapts to challenges such as limited ceiling height and complex overhead pathways, making this solution an excellent choice for both brownfield and greenfield data center applications.



The BTS kit is ideal for retrofit applications over a mix of cabinets, including cabinets of varying heights, widths and depths.



CHATSWORTH PRODUCTS

CHALLENGE SOLVERS

- Eliminates hot spots
- Supports 4x higher heat and power densities (6 kW to 30+ kW)
- Allows increased room temperature and higher set-points on cooling equipment for more free cooling hours using low-cost economizers
- Provides flexibility for supply air delivery through the ceiling, wall or floor

THE ANIXTER APPROACH

Conditional Environmental Control

• **Airflow segregation**

Segregate airflow to and from the IT load by using airflow control techniques based on room design and cabinet power density.

THE CPI SOLUTION

CONTAINMENT HARDWARE

BTS Kit
 Full height blanking panel
 Door assembly
 Universal bulb seal

CONTAINMENT ACCESSORIES

Snap-in filler panel
 Sealing tape
 Floor grommets

CONTAINMENT SERVICES

Preinstallation site survey
 On-site installation supervision

anixter.com/shopcpi

WHAT WE HEAR

Challenges from various data center stakeholders:



Cabinet densities are **INCREASING**



Operational **BUDGET CUTS** year on year



Lack of **AIRFLOW MANAGEMENT**



Overwhelming **DESIGN** considerations



Matching **COOLING** to IT load

Infrastructure as a Platform
 by Anixter

Infrastructure as a Platform by Anixter provides an investigative methodology that uncovers gaps in your data center thermal management strategy and helps you reclaim stranded capacity.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Floor to ceiling height
- Cabinet height
- Cabinet aisle width
- Cabinet aisle length

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Cabinet and enclosure systems
- eConnect® PDUs
- Cable management
- Remote infrastructure management (RIM)

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

BTS CONTAINMENT FEATURES

✓ SIMPLE, FIELD ADJUSTABLE DESIGN

- Field-fabricated duct accommodates site differences and existing conditions.
- It's compatible with a mix of different cabinet sizes in the same row.
- Elevated, single-piece duct allows cabinets to be removed, omitted or replaced as required.
- Translucent duct panels and transparent door panels allow light to enter the contained aisle.

✓ COMPLETE AIRFLOW SEGREGATION

- Doors close automatically to maintain containment and reduce recovery time.
- It includes baffles to seal around and within cabinets and the contained aisle.
- Durable construction and maintenance-free design provide many years of use.
- There is a complete line of accessories to seal any gaps within and between cabinets.



BTS Kit arrives on a pallet and includes eight unique components designed for easy installation and customization onsite.

> FOR MORE DETAILS VISIT ANIXTER.COM/SHOPCPI

About Anixter: anixter.com/aboutus
Legal Statement: anixter.com/legalstatement

For over 30 years, Anixter has been the leading global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

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