

PRODUCT SOLUTIONS BRIEF PANDUIT

DATA CENTRE THERMAL EFFICIENCY



Through our strong global partnerships and alliances with manufacturers such as Panduit, we are able to present you with the following offering to meet your specific data centre requirements.

Net-Contain™ Universal Aisle Containment System

Panduit's Net-Contain Universal Aisle Containment System allows users to reclaim underutilised cooling capacity and reduce energy and operational expenses by retrofitting their existing data centre with a versatile containment system. The system includes an independent support structure, sliding doors, vertical blanking panels and roof structure.



Flexibility to build a containment system and then add cabinets as needs dictate

CHALLENGE SOLVERS

- This flexible offering can be configured in hot- and cold-aisle containment and allows the addition of cabinets of varying sizes and designs as needed, reducing deployment time and capital investment.
- Retrofitting a Net-Contain System into your existing data centre allows you to optimise the separation of hot and cold air, which enables higher per cabinet density to reclaim 10 percent of existing cooling capacity.
- The Net-Contain System reduces cooling energy consumption by as much as 40 percent.
- The Net-Contain System provides flexibility to build a containment system and then add cabinets of varying sizes and design as your needs dictate, reducing the time and capital investment.

THE ANIXTER APPROACH

Conditional Environmental Control

- **Airflow segregation**
Segregate airflow to and from the IT load by using techniques based on room design and cabinet power density.
- **Airflow control**
Use data from the cooling system to control EC fans that compensate the IT load in real-time.

THE PANDUIT SOLUTION

SEGREGATION TYPE	AIRFLOW MANAGEMENT	CONFIGURATION OPTIONS
Hot aisle Cold aisle	Transparent roof Vertical wall Blanking panels	Aisle width Aisle length Cabinet height

anixter.com/shoppanduit/emea

PANDUIT®

WHAT WE HEAR

Challenges from various data centre 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 centre thermal management strategy and helps you reclaim stranded capacity.

CONFIGURE

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

- Segregation type
- Aisle dimensions
- Frames and sliding doors
- Ceiling structures and vertical walls

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Fibre and copper connectivity
- Cable management
- Intelligent PDUs
- Aisle and cabinet security

DEPLOY

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

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

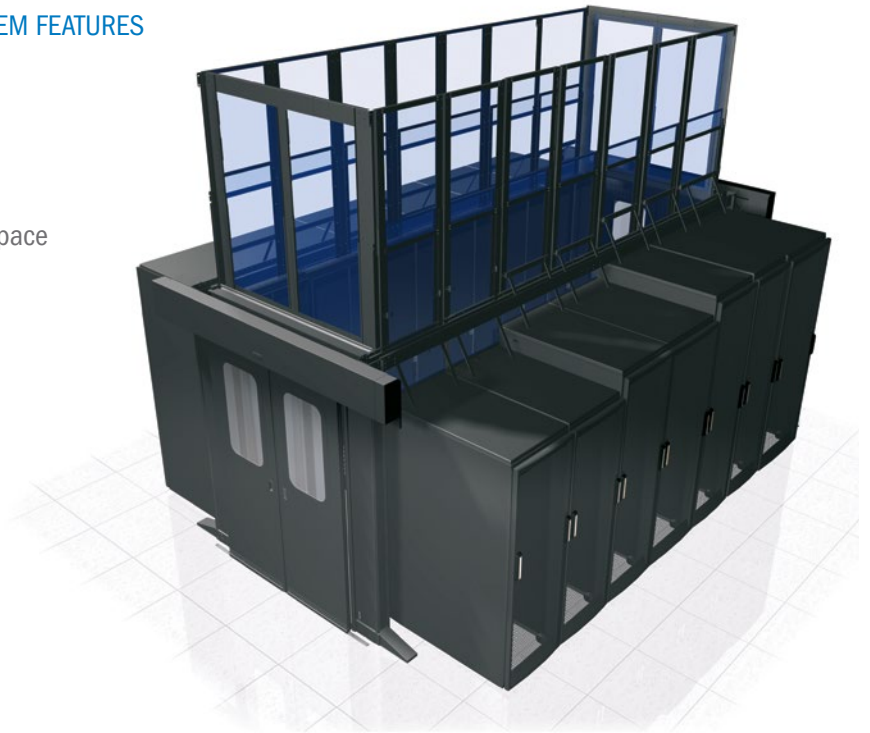
NET-CONTAIN UNIVERSAL AISLE CONTAINMENT SYSTEM FEATURES

✓ AIRFLOW CONTROL

- Includes roof and vertical wall containment
- Toolless blanking panels
- Cabinet blanking panels to seal unoccupied space
- Can be integrated with Panduit SmartZone™ environmental sensors

✓ FLEXIBLE DESIGN

- Configurable to hot- or cold-aisle applications
- Expandable containment length
- Accommodates cabinets of varying heights and widths
- Ideal for both brownfield and greenfield applications



Vertical wall containment typically used for hot aisle or ceiling discharge cold aisle containment

> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPPANDUIT/EMEA](https://www.anixter.com/shoppanduit/emea)

About Anixter: [anixter.com/aboutus](https://www.anixter.com/aboutus)

Legal Statement: [anixter.com/legalstatement](https://www.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.

[anixter.com](https://www.anixter.com)

