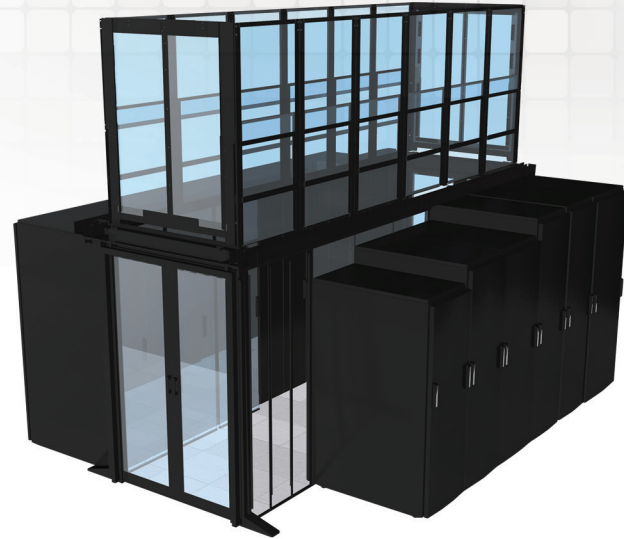


Net-Contain™ Universal Aisle Containment System

The Net-Contain™ Universal Aisle Containment System allows users to reclaim underutilized cooling capacity, reduce energy expense, and reduce OpEx by retrofitting their existing data center with a versatile containment system. The system includes an independent support structure, sliding doors, vertical blanking panels, and roof structure. This flexible offering can be configured in Hot Aisle and Cold Aisle containment and allows the addition of cabinets of varying sizes and design as needed, reducing deployment time and capital investment.



Reclaim Cooling Capacity – Retrofitting the Net-Contain™ Universal Aisle Containment System into your existing data center allows you to optimize the separation of hot and cold air enabling higher per cabinet density, reclaiming 10% of existing cooling capacity.

Reduce Operational Expense – Containment reduces cooling energy consumption by as much as 40%.

Reduce CapEx – The Net-Contain™ Universal Aisle Containment System provides you with the 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.

Key Features

Benefits

Floor mounted, independent support structure	Structure doesn't rely on cabinets or building structure for support; can be deployed in new (Greenfield) or existing (Brownfield) data center applications; cabinets can be rolled in/out of position in the aisle without disturbing the structure
Expandable containment length	Frame support is configurable to accommodate different containment lengths; one containment system to match both your current and future DC infrastructure; able to deploy containment if fully populated or in a partial/non-populated row
Height adjustable frame	Accommodates cabinets from 42 RU to 52 RU heights for added flexibility
Roof-containment and vertical wall containment	Configurable to Hot Aisle or Cold Aisle applications for application flexibility
Tool-less blanking panels	To seal unoccupied cabinet spaces; To seal top of cabinet gap between frame and cabinet to improve thermal efficiency
Accommodates cabinets of varying size and designs	Cabinets (server, switch, or storage) from different manufacturers with different heights, widths, and depths can be contained
Flexible design	Accommodate building columns within containment space; can be deployed on raised or slab floor; accommodates 1200mm, and 1800mm wide aisles

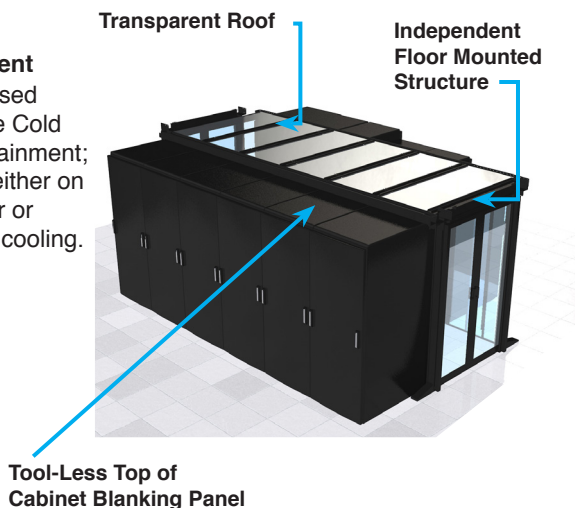
Net-Contain™ Universal Aisle Containment System

Brownfield Applications

Net-Contain™ Universal Aisle Containment System is designed to retrofit in existing data centers. It can be configured as a Roof Containment and Vertical Wall Containment. This is an independent containment system that accommodates any manufacturer cabinets of varying heights and widths. It can be deployed in a full or partial populated row.

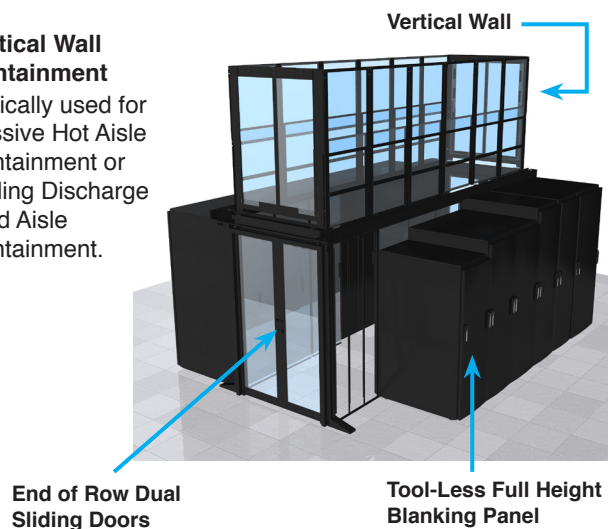
Roof Containment

Typically used for Passive Cold Aisle Containment; deployed either on raised floor or within-row cooling.



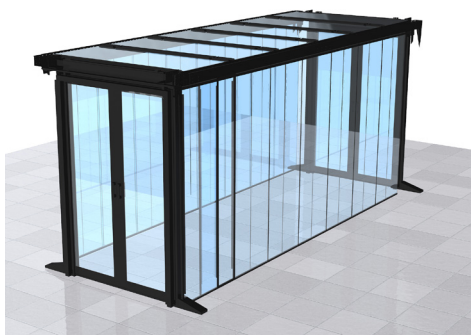
Vertical Wall Containment

Typically used for Passive Hot Aisle Containment or Ceiling Discharge Cold Aisle Containment.

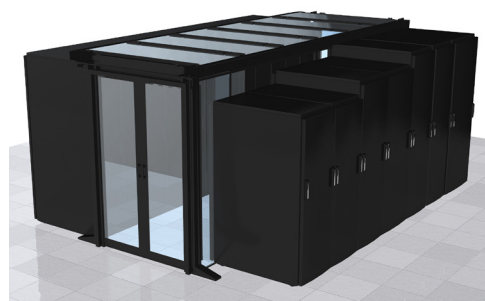


Greenfield Applications

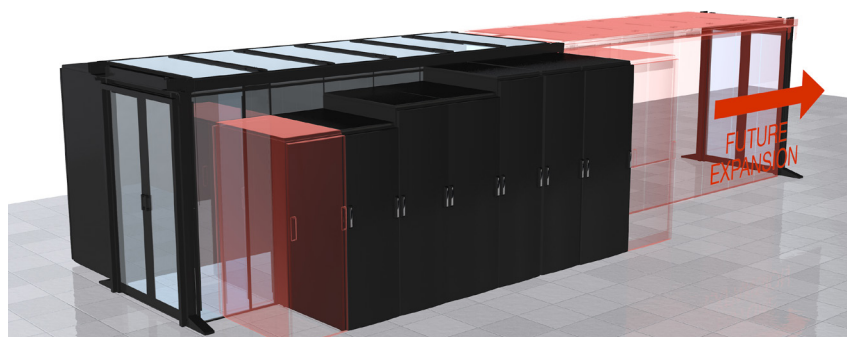
Net-Contain™ Universal Aisle Containment System allows flexibility to build a containment system and then add cabinets of varying sizes and design as your needs dictate reducing deployment time and capital investment.



Day 1 – Containment built without any cabinets



Day 2 – Add cabinets, as your needs dictate enables fast implementation.



Net-Contain™ Universal Aisle Containment System



CUEFRT8W
CUEFRT9W

CUSMPR52ST01B1



CUCMSS**ST01NC



CUD2SD^^



CURFS06F**HB
CURFS07F**HB
CURFS08F**HB



CUEFRT8W04
CUEFRT9W



C2HACER1626
C2HACER12638
C2HACER13866



CUVWA**S**ST



C2HAC**1626
C2HAC**12638
C2HAC**13866



CUVWB12S12ST



CUWBSS**ST01



CUWBPS**ST02



CUFBPR**06HB



CUTBPR0610HBN1

Part Number	Description
Frames and Sliding Doors	
Net-Contain™ End of Row Frame	
CUEFRT8W**^^	Net-Contain™ UAC End of Row Frame for Roofing - 42/45 RU high.
CUEFRT9W**^^	Net-Contain™ UAC End of Row Frame for Roofing - 48/52 RU high.
** 04 = 4' (1200mm) aisle width, 06 = 6' (1800mm aisle width) ^^ = B1 = Black, W1 = White.	
Net-Contain™ Mid-Span Post	
CUSMPR52ST01B1	Net-Contain™ Mid-Span Post 42 RU to 52 RU high. Required for every 2400mm length on partial populated row.
Net-Contain™ Mid-Span Cabinet Support	
CUCMSS**ST01NC	Net-Contain™ Mid-Span Cabinet Support. Required for every 2400mm length on fully populated containment.
**03 = 300mm, 06 = 600mm.	
Net-Contain™ Aisle Containment Sliding Doors	
CUD2SD^^	Net-Contain™ Containment Dual Sliding Door - 4ft (1200mm)/ 6ft (1800mm) Aisle with 2 doors in Black or Silver.
CUD1SD^^	Net-Contain™ Containment Dual Sliding Door - 4ft (1200mm)/ 6ft (1800mm) Aisle with 1 doors in Black or Silver
^^ = B1 = Black, S1 = Silver	
Ceiling Structures	
Net-Contain™ Integral Ceiling Structures	
CURFS06F**HB^^	Net-Contain™ 600mm Roofing Section.
CURFS07F**HB^^	Net-Contain™ 700mm Roofing Section.
CURFS08F**HB^^	Net-Contain™ 800mm Roofing Section.
** 04 = 4' (1200mm) aisle width, 06 = 6' (1800mm aisle width) ^^ = B1 = Black, W1 = White.	
Vertical Walls	
Net-Contain™ End of Row Frame for Vertical Walls 42/45 RU High	
CUEFRT8W04^^	Net-Contain™ End of Row Frame for Vertical Walls - 42/45RU - 4ft. (1200mm) aisle width.
CUEFRT9W04^^	Net-Contain™ End of Row Frame for Vertical Walls - 48/52RU - 4ft. (1200mm) aisle width.
^^ = B1 = Black, W1 = White.	
Adjustable EOR Vertical Wall	
C2HACER1626^^	Net-Contain™ Adjustable End of Row Vertical Wall (16"-26") for 900mm/1000mm/1200mm aisle widths.
C2HACER12638^^	Net-Contain™ Adjustable End of Row Vertical Wall (26"-38") for 900mm/1000mm/1200mm aisle widths.
C2HACER13866^^	Net-Contain™ Adjustable End of Row Vertical Wall (38"-66") for 900mm/1000mm/1200mm aisle widths.
^^ = B1 = Black, W1 = White.	
Net-Contain™ Vertical Wall Adapter	
CUVWA**S**ST^^	Net-Contain™ Vertical Wall Adapter
**06 = 600mm, 07 = 700mm, 08 = 800mm ^^ = B1 = Black, W1 = White.	
Net-Contain™ Adjustable Height Vertical Walls	
C2HAC**1626^^	Net-Contain™ Adjustable Vertical Wall (16" - 26").
C2HAC**12638^^	Net-Contain™ Adjustable Vertical Wall (26" - 38").
C2HAC**13866^^	Net-Contain™ Adjustable Vertical Wall (38" - 66").
**06 = 600mm, 07 = 700mm, 08 = 800mm ^^ = B1 = Black, W1 = White.	
Net-Contain™ Vertical Wall Brace	
CUVWB12S12ST^^	Net-Contain™ Vertical Wall Brace, 4 ft. (1200mm) aisle width.
^^ = B1 = Black, W1 = White.	
Net-Contain™ Wall Beam	
CUWBSS**ST01^^	Net-Contain™ Wall Beam, 1 piece.
CUWBPS**ST02^^	Net-Contain™ Wall Beam, 2 pieces.
**06 = 600mm, 07 = 700mm, 08 = 800mm, 24 = 2400mm ^^ = B1 = Black, W1 = White.	
Accessories	
Net-Contain™ Full Blanking Panel	
CUFBPR**06HB^^	Net-Contain™ Full Blanking Panel 600mm wide.
**42 = 42 RU, 45 = 45 RU, 48 = 48 RU, 52 = 52 RU ^^ = B1 = Black, W1 = White.	
Net-Contain™ Top of Cabinet Blanking Panel	
CUTBPR0610HBN1	Net-Contain™ Top of Cabinet Blanking Panel 600mm high x 1000mm wide.

Net-Contain™ Universal Aisle Containment System

Technical Information

Containment Components	Material
Door Frame, Doors, Wall Beams	Powder Coated Steel
Vertical Wall, Roof, Blanking Panels	Translucent Polycarbonate

Length of Containment	Minimum 2 cabinets in a row, to unlimited length
Aisle Width	1200mm, 1800mm

Height Clearance Requirements for Roof Containment				
	42 RU Setup	45 RU Setup	48 RU Setup	52 RU Setup
Max. Cabinet Height	2062mm (81.2")	2197mm (86.5")	2329mm (91.7")	2507mm (98.7")
Containment Height	2210mm (87.0")	2344mm (92.3")	2477mm (97.5")	2654mm (104.5")

Height Clearance Requirements for Vertical Wall Containment					
		42 RU Setup	45 RU Setup	48 RU Setup	52 RU Setup
Max. Cabinet Height		2062mm (81.2")	2197mm (86.5")	2329mm (91.7")	2507mm (98.7")
Room Height	MAX:	2850mm (112.2")	2985mm (117.5")	3117mm (122.7")	3294mm (129.7")
	MIN:	2596mm (102.2")	2731mm (107.5")	2863mm (112.7")	3040mm (119.7")
Room Height	MAX:	3155mm (124.2")	3289mm (129.5")	3421mm (134.7")	3599mm (141.7")
	MIN:	2850mm (112.2")	2985mm (117.5")	3117mm (122.7")	3294mm (129.7")
Room Height	MAX:	3866mm (152.2")	4001mm (157.5")	4133mm (162.7")	4310mm (169.7")
	MIN:	3155mm (124.2")	3289mm (129.5")	3421mm (134.7")	3599mm (141.7")

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