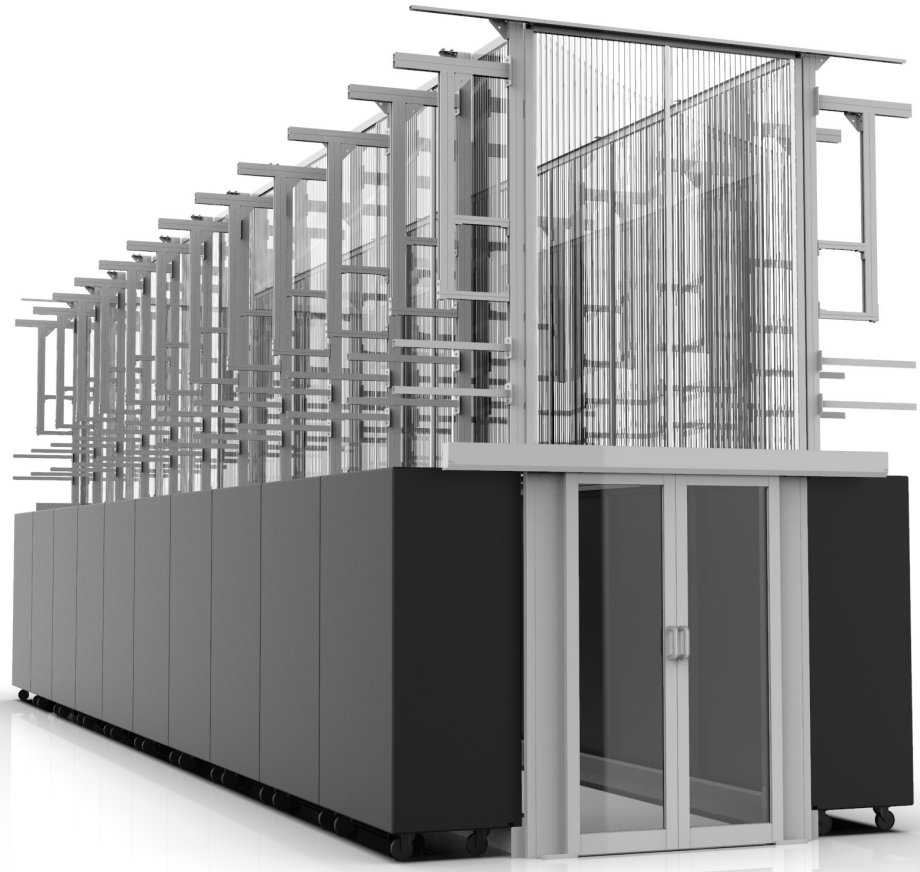
CRS CONTAINMENT SOLUTIONS



The Hot and Cold aisle containment solutions offered by CRS have propelled us to industry leaders in the field, due to their high structural and seal integrity, versatile and adaptable design, and high level of compliance to safety standards.

Electromagnet technology is used in our pivot and louvre panels, allowing fire suppression services to extinguish flames within the containment.

From colour to penetrations to service support, our containment solutions can and have been adapted to any style of data centre.

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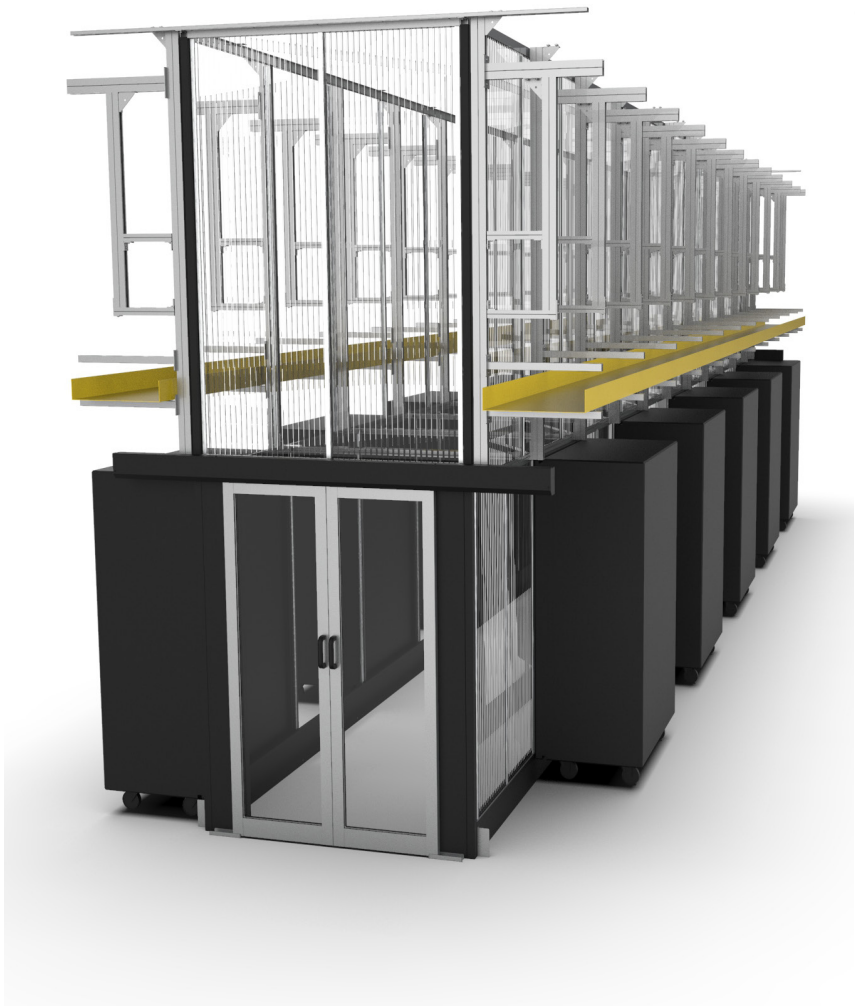
Our containment solutions have been installed within countless data centers for years on end, and for good reason. They are flexible in design, robust, and are exceedingly compliant to safety standards and requirements.



By utilizing electromagnet technology, our containment solutions can instantly respond to a fire alarm event by releasing pivot or louvre panels, effectively compromising the air seal within the containment.

Our containment solutions are versatile and can be constructed to the requirements of the given Data Centre.

Arm extrusions for tray support, blanking panels for irregular server patterns and brush accessories for seal integrity are a few examples of the customization options we provide.

Features and benefits

- Versatile design for various styles of data centre
- Robust construction and clean aesthetic.
- Instant response to fire alarm events
- Blanking panels accomodate for irregular server patterns
- Brushes and brush accessories can be utilised to maintain seal integrity.
- Kickplates accommodate for raised servers.
- Arm Extrusions provide lifting support for services.

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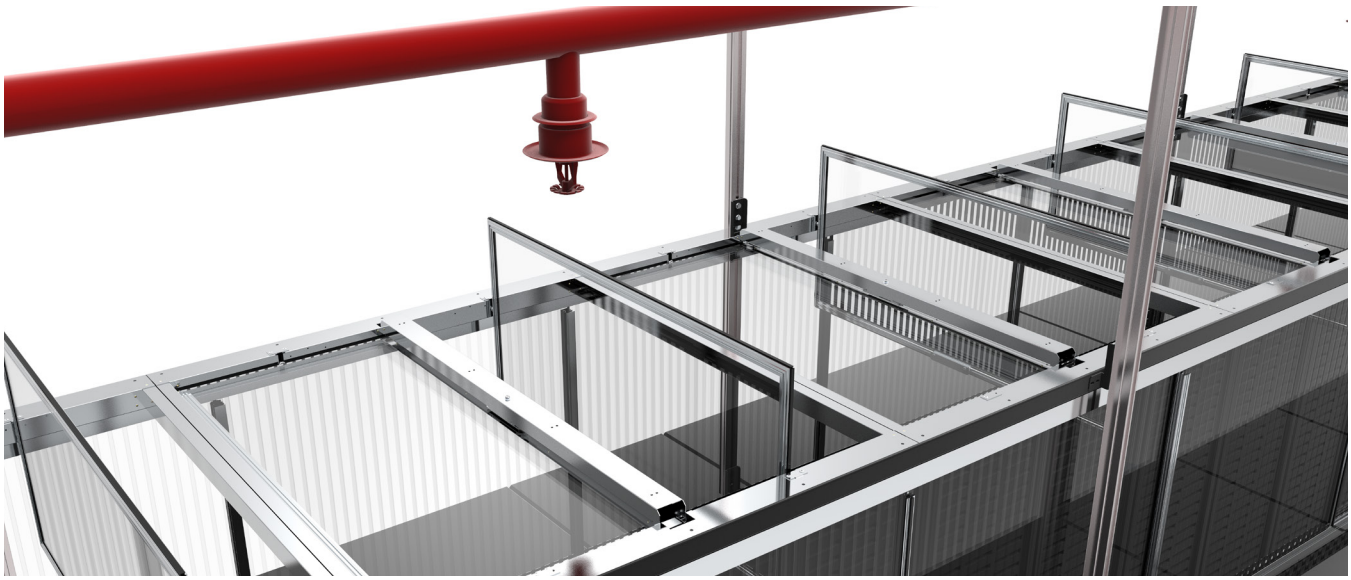
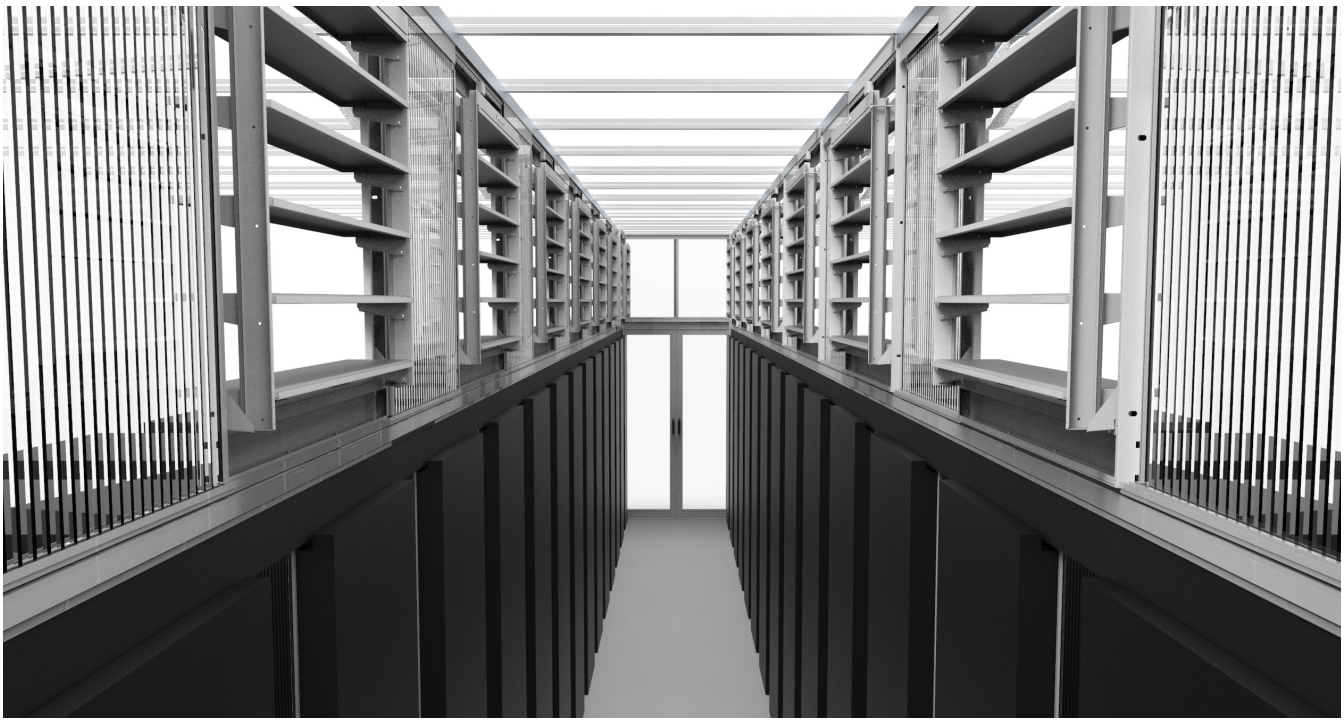
Pivot panels swing open during a fire alarm event through the use of electromagnets, allowing fire supression services to extinguish any flames within the containment.

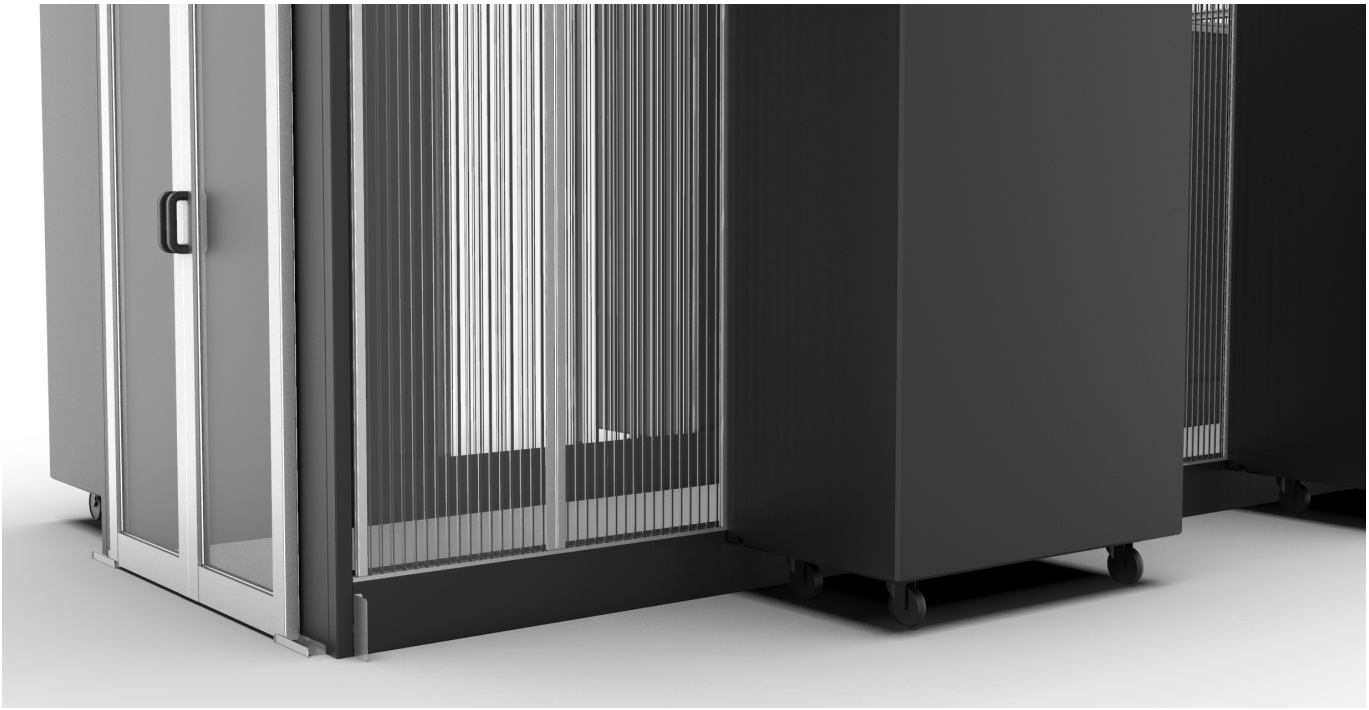


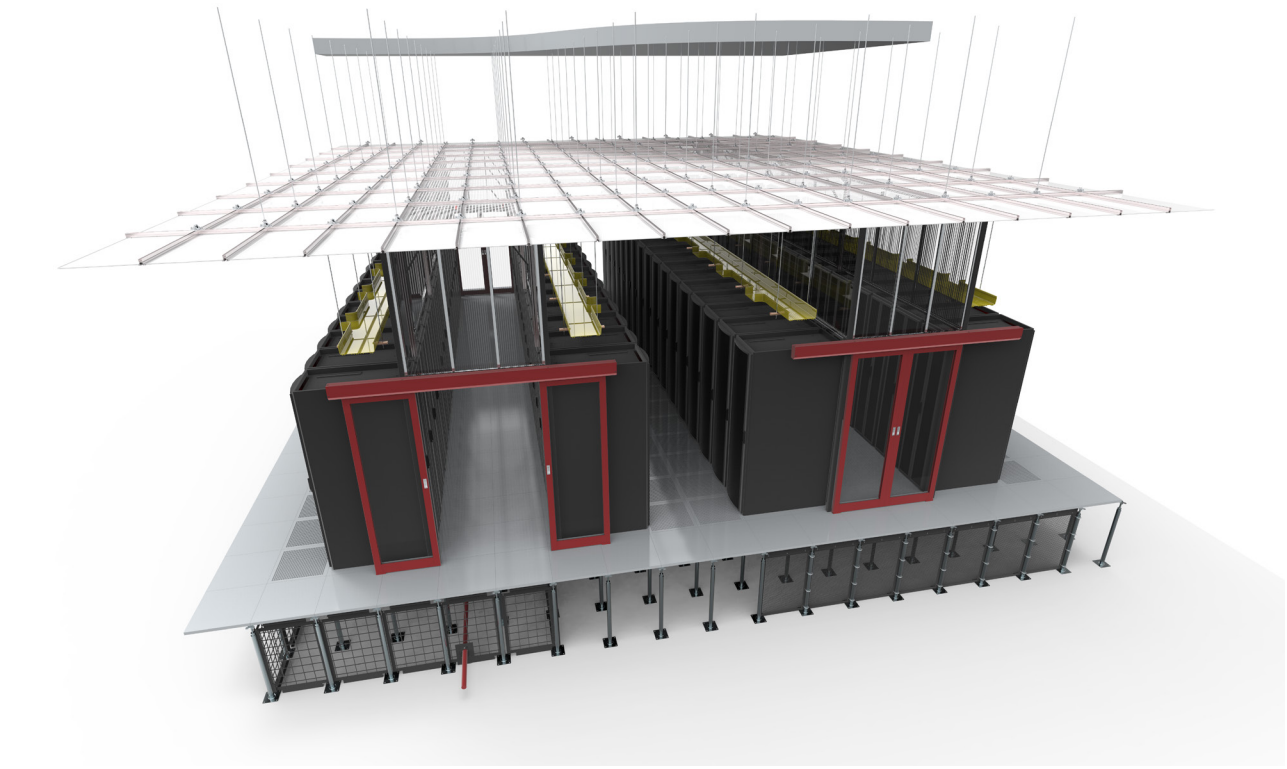
Louvre panels operate in a similar fashion but are installed on the side of the containment for any aisles that continue to a ceiling plane.



Support beams run across the middle of the hot aisle containment to provide additional cantilever structural integrity and rigidity.

Kickplates are used to continue the containment plane above the floor level, essential for racks which are elevated. Floor extrusions and blanking panels are installed above them.





Technical data

Construction	**Post and Rails**	SHS & RHS Steel Tubing
	Framework	Aluminium Extrusion
	Blanking Panels	Twinwall Polycarbonate
	Coating	Polyester Powder Coat
	Colour Standard	On Request
	Penetrations	Penetrations customised
Compliance	**AS/NZS 1170.0**	Structural Design Actions- General Principles
	AS/NZS 1170.1	Structural Design Actions- Permanent, Imposed, and other actions
	AS 1170.4	Structural Design Actions- Earthquake Actions
	AS/NZS 4600	Cold-formed Steel Structures

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