Litech®

CAGING

Solution



Caging Solution

In an era where data is one of the most valuable assets, securing critical IT infrastructure is paramount. Data centre caging solutions provide a highly secure, modular, and scalable method for protecting servers, networking equipment, and sensitive information from unauthorized access and physical threats.

Designed for colocation facilities, enterprise data centres, and government applications, our enclosures are engineered to provide maximum security while maintaining optimal airflow and accessibility. Whether you require fully enclosed cages, partial access control, or specialized containment systems, we offer custom-built solutions to meet your specific security and operational needs.

Our caging solutions integrate seamlessly with existing data centre layouts, ensuring that security does not come at the cost of efficiency. Featuring various panel types, frame structures, and access control compatibility, our cages provide a robust yet cost-effective alternative to traditional server room enclosures. Each installation is designed to adhere to industry standards while allowing for future expansion as your infrastructure grows.

CAGING SOLUTIONS & FEATURES

Standard Data Centre Cages	
Best for	High-level security and functionality for server rooms & colocation centres.
Material	Available in perforated mesh, solid steel panels and wall panel.
Applications	
• Standard server room security	
• Colocation environments requiring physical separation	
Above-Cage Extensions	
Best for	Additional overhead security above standard caging size.
Material	Solid, perforated panels or welded tube sections.
Applications	
• Extending security barriers above standard cage height	
• Enclosures needing enhanced overhead protection	
Underfloor Caging System	
Best for	Preventing under raised floor access between cages.
Material	Available in perforated mesh, solid steel panels and wall panel.
Applications	
• Preventing unauthorized access via raised access floors	
• Ensuring total security enclosure within a facility	
Underfloor Caging System	
Best for	Enhanced security within false ceiling plenum spaces.
Material	Perforated or solid steel panels.
Airflow Management	Maintains unrestricted return airflow while securing the area.
Applications	
• Secure ceiling containment in sensitive areas	
• Ensuring security compliance while optimizing cooling efficiency	
Specialized Caging Solutions	
Best for	Government and defense applications requiring strict compliance.
Material	Custom-built solutions adhering to high-security standards.
Features	Tamper-proof fixings, reinforced paneling, and access control compatibility.
Applications	
• Military and government data centres	
• High-security environments demanding top-tier protection	

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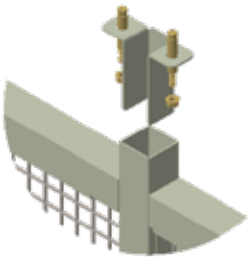
CAGING PANEL OPTIONS

Mesh Panel Caging	
Best for	Optimized airflow, visibility, and access control.
Material	High-strength steel wire mesh.
Security	Prevents unauthorized physical access while allowing visibility inside.
Airflow	Maximizes ventilation to maintain cooling efficiency.
Customizable	Available in different mesh sizes and thicknesses.
Applications	
• Co-location data centre where multiple tenants require separate spaces	
• Areas where monitoring is necessary without compromising security	
Solid Steel Panel Caging	
Best for	Maximum security and durability.
Material	Heavy-duty steel panels with powder-coated finish.
Security	Full privacy with no visibility inside.
Durability	Corrosion-resistant and impact-resistant for long-term security.
Customizable	AAvailable in various panel thicknesses and colors.
Applications	
• Private enterprise data centers	
• High-security zones requiring physical protection	
Wall Panel Caging	
Best for	Complete enclosure and privacy.
Material	Composite or steel wall panels.
Security	Fully enclosed design to prevent unauthorized access.
Professional Appearance	Sleek, clean, and corporate-friendly aesthetic.
Acoustic Properties	Reduces noise levels within enclosed areas.
Applications	
• Dedicated server rooms requiring enhanced isolation	
• Executive or enterprise-level private data centers	

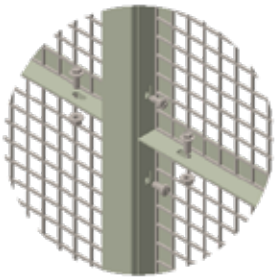
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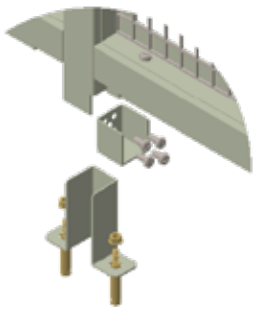
TECHNICAL DRAWING



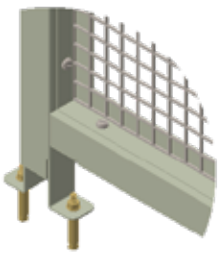
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SCALE 2 : 15



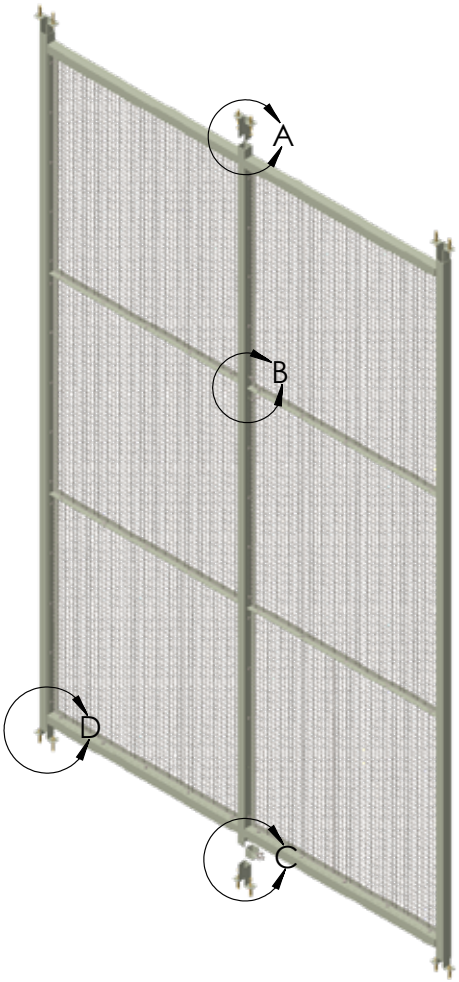
DETAIL B
SCALE 2 : 15



DETAIL C
SCALE 2 : 15



DETAIL D
SCALE 2 : 15



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