



# CAGING SYSTEM

"Secure & Scalable Caging Solutions for Data Centers"



# Why is Caging in Data Centers?

Data centers house mission-critical IT infrastructure, making physical security a top priority. A caging system provides an additional layer of protection, access control, and organization, ensuring:

## 1. Preventing Unauthorized Access

- Restricts entry to authorized personnel only, reducing the risk of theft or tampering.
- Helps organizations comply with security regulations such as ISO 27001 and SOC 2.

## 2. Enhancing Data Security & Compliance

- Meets industry compliance standards for co-location and enterprise data centers.
- Provides separated enclosures for different clients in shared facilities, ensuring data privacy.

## 3. Protecting Critical Infrastructure

- Prevents physical damage to servers, network equipment, and power distribution units (PDUs).
- Reduces the risk of accidental disconnections caused by unauthorized personnel.

## 4. Improving Facility Organization

- Defines clear security zones for different teams or customers.
- Supports hot aisle/cold aisle containment strategies for efficient cooling and airflow management.

## Key Features & Benefits

### Enhanced Security

- High-strength steel mesh or solid panel construction.
- Multiple locking options (keycard, biometric, mechanical).
- Optional anti-intrusion monitoring systems.

### Modular & Scalable Design

- Custom sizes and layouts for any data center space.
- Expandable and reconfigurable for future growth.

### Optimized Airflow & Cooling

- Perforated mesh panels maintain ventilation and cooling.
- Compatible with hot aisle/cold aisle containment strategies.

### Compliance & Standards

- Meets ISO, ANSI, and TIA-942 security standards.
- Options available for seismic-rated structures.

### Quick & Easy Installation

- Pre-engineered for fast deployment.
- Tool-less assembly options for easy installation.

### Customization & Integration

- Various material and coating options available.
- Custom branding for a professional look.

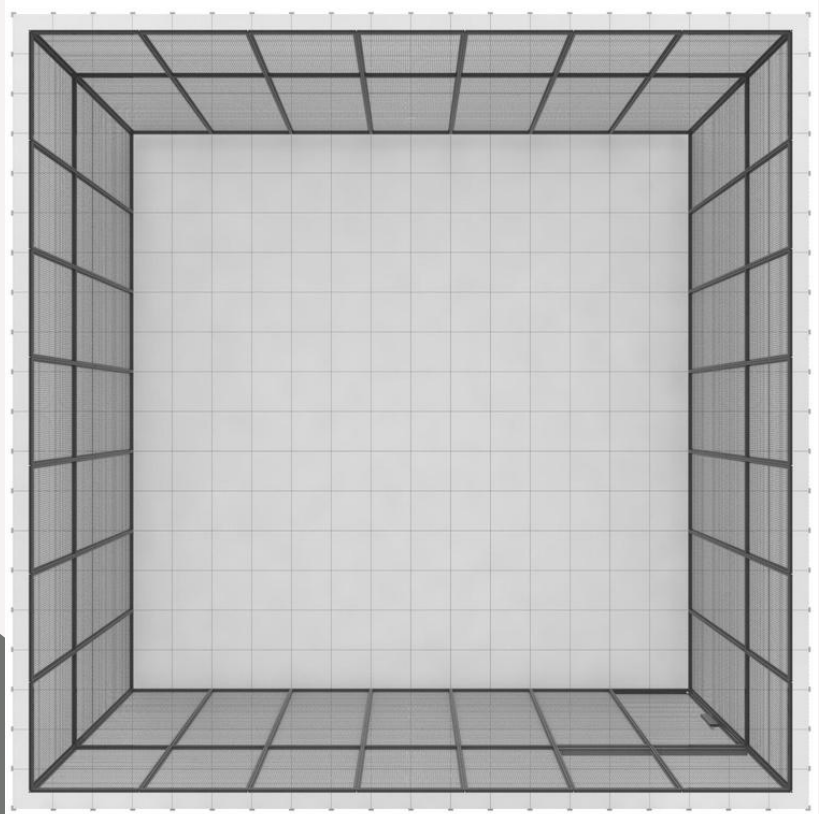
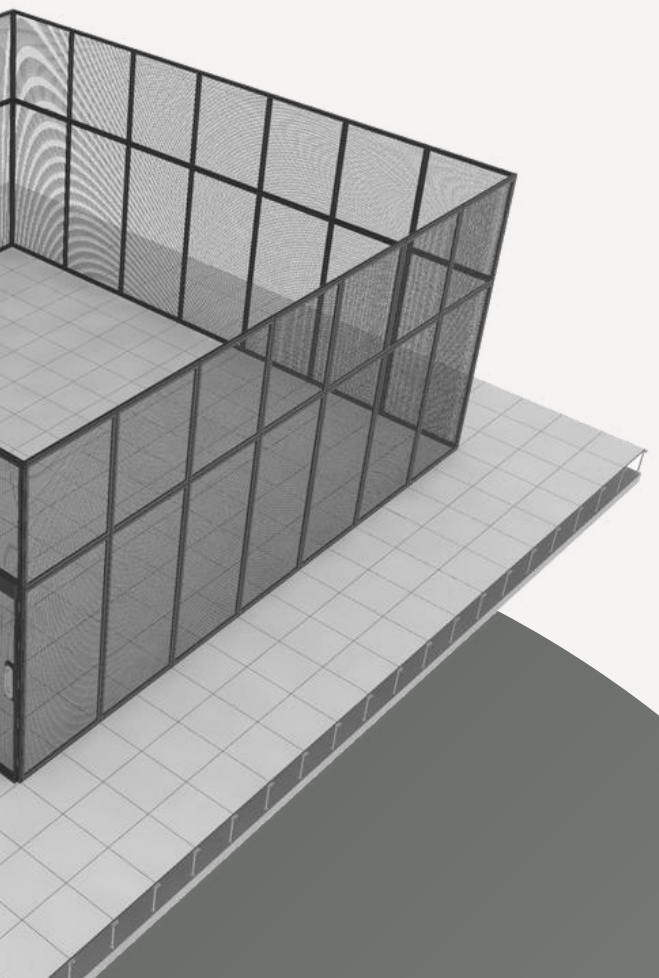
# Specification - Caging System

## Design feature

- Secure data center segmentation
- Modular Design
- Ceiling and wall-mounting capabilities
- Swing Door (Single, Dual)
- Slide Door (Single, Dual)
- Height 2.4 meters
- Panel width - 600mm and 120 mm
- 2" clearance for floor tile access
- Custom configurations available
- Security options: Access Control System, CCTV System

## Material Specification

- Frame: Steel with powder coated
- Door: Steel with powder coated and tempered glass
- Frame thickness: 1.90 mm. (14-gauge steel) or Option: 13,12-gauge steel
- Manual Sliding Door Closer or Automatic slide door closer option
- Steel mesh sizing: 1"x1" (Option available)



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