Reconfigurable Data Center Cages
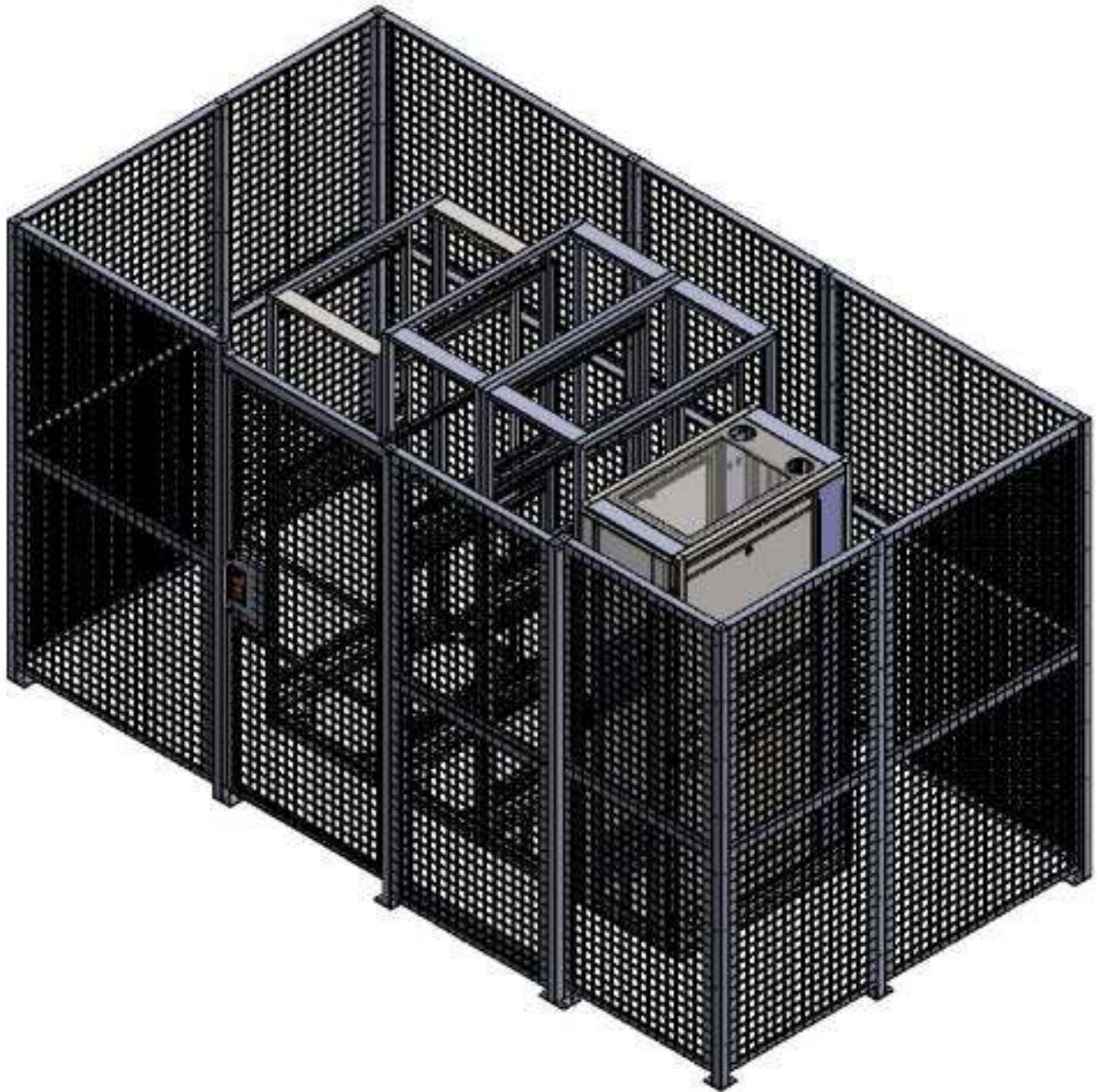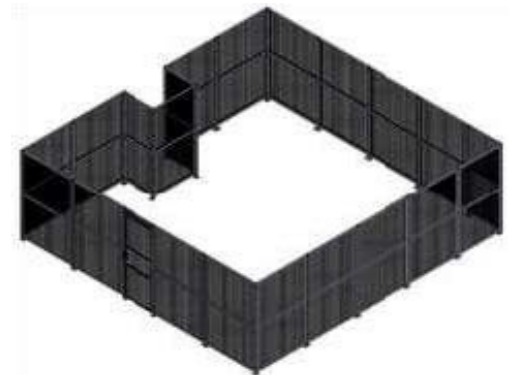
SWDP

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SWDP's Reconfigurable Data Center Cages

Data centers and colocation facilities often require access control in the white space. With millions of dollars of equipment and hundreds of millions of dollars of information at stake, SWDP's cage product provides the needed and required security.
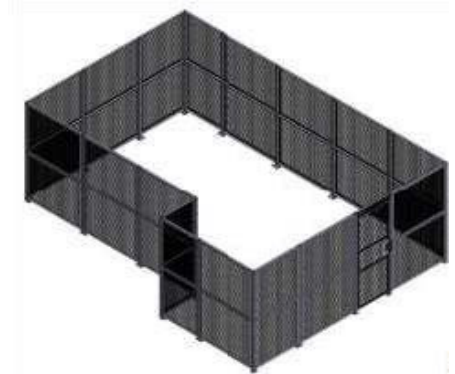
Built with durability and ease of installation in mind, SWDP's rugged Reconfigurable Data Center Cage System reduces installation costs, provides the ultimate flexibility in configurations and insures a secure trouble free build.

Our aggressive engineered approach reduces acquisition and installation costs, while providing the easily accomplished adds, moves and changes. We can custom design solutions to fit any site requirements. Our rapid manufacturing ability combined with our extensive inventory, insures you receive the best possible solution, rapidly and without the "premium" costs.
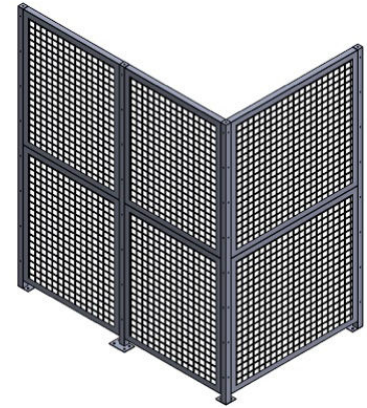
Features

- Provides secure Multi-Tenant Data Center (MTDC), colocation site and equipment room security
- Our scalable and modular design provides easy reconfiguration and expansion on site
- Multiple standard height and widths
- Ceiling systems to fully enclose the space
- Wall mount options
- Swinging, sliding and self-closing door options
- "One way" hardware assembly (no nut-and-bolt)
- Multiple door access control options include basic key locks, keypad locks, card readers, biometric scanners all with DCIM compatibility
- Standard in-stock powder coated colors with custom color availability
- Easy configuration and ordering: contact SWDP's design team. SWDP will create a design that fits your needs, create the design concept using your input and assign a single BOM number for ease of ordering.
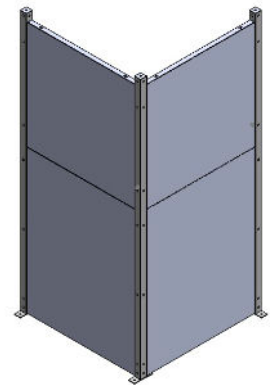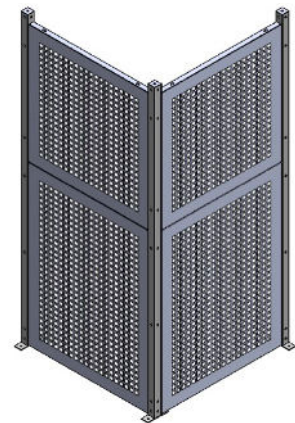
Panels

Features

- Standard split height panels available from 1' wide to 10' wide in 1' increments

- Split height panels available in 4' or 5' heights to stack to create 8', 9', 10', 12' and higher overall heights

- Split height panels are extremely easy to assemble on-site and provide economical transportation features

- Construction options include:
  - Many styles, gauges and types of open mesh design allows maximum circulation of air, light and fire suppression systems without interference
  - Solid panels for 100% privacy requirements
  - Punched-solid panels for all potential scopes and patterns
  - High Security Louver System

- High security features include:
  - Fully welded and finished frames
  - Assembly hardware is only accessible from the secured part of the partition

- No cutting/grinding or modification of panels on site protects the data center environment from contamination

- Ease of installation features include:
  - Captive hardware in posts (not your typical "nut and bolt" assembly)
  - Split panels are easily stacked by one person
  - Formed angle frame design allows installer to have easy access to assembly hardware
  - All SWDP's cage systems are reconfigurable and changeable on-site as needed to accommodate changes/expansions and modifications to the cage layout on data center floor, including mesh and insert options

- Panels may be custom ordered with different colors, plex or Lexan panels, perforated sheet or solid metal

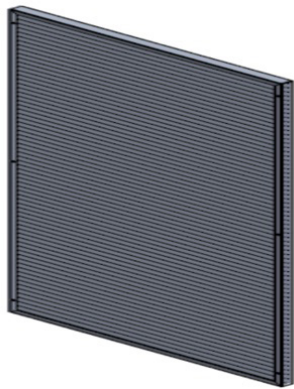Stackable Mesh Panel

Stackable Solid Panel

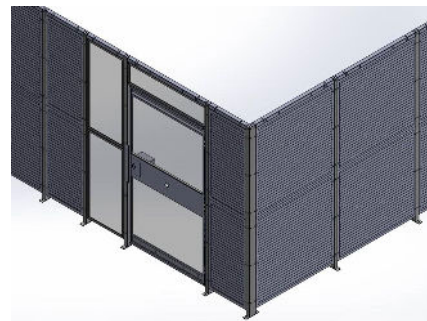Stackable Punched Panel

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High Security Louvered Panels

Features

- Standard split height panels available from 1' wide to 10' wide in 1' increments

- High security features include:
  - Fully welded and finished frames
  - Both aluminum and steel construction
  - No line-of-site into cage
  - Assembly hardware is only accessible from the secured part of the partition

- Additional ease of installation features includes:
  - Panels can be interchanged with all other styles of cage panels which allows change of styles without changing post systems. Captive hardware in posts (not your typical "nut and bolt" assembly)
  - All SWDP's cage systems are reconfigurable and changeable on-site as needed to accommodate changes/expansions and modifications to the cage layout on data center floor, including mesh and insert options
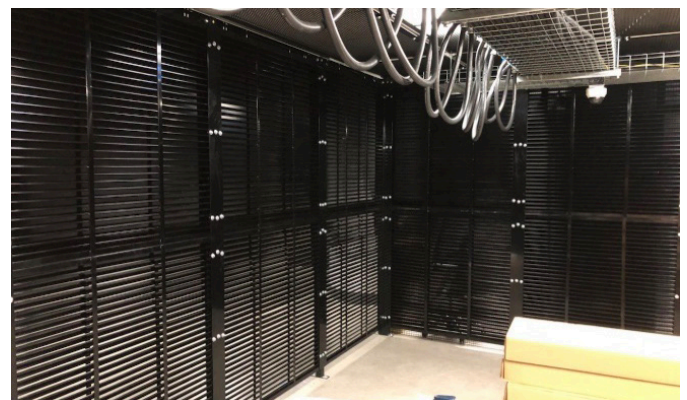

Stackable Louver Panel

Stackable Louver System

Outside View of Louver System
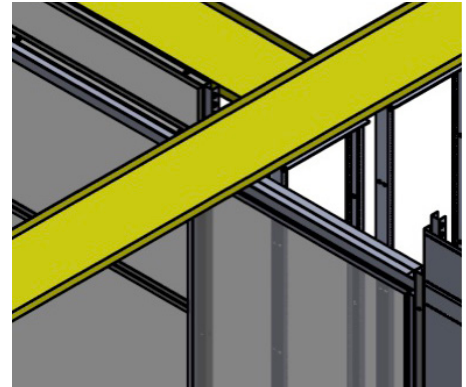

Inside View of Louver System

Cage-Just™
Pathway Panel® System

No More Cage Panel Cutting During Installation!

Features

- Optional adjustable height, secured top panels provide pathway entrance to the cage for conveyance, lights and other paths, without cutting or modification of cage wall.
- Adjusts from 2" to 12" pathway height
- Can be made any width up to 120"
- Comes pre-engineered to pathway locations
- Pathway locations are changeable in the field without cage modifications
- Only accessible from secured side of cage
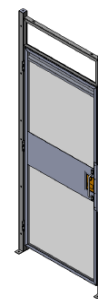

Adjustable Top Pathway Panel

Doors

Features

- All doors include a tamper resistant locking latch mechanism
- A wide variety of lock systems are available including electronic, electric and auditable styles
- Optional auto-closing features for both swing and sliding doors
- Door alarms and emergency "push to open" releases available
- Door types include:
  - Sliding style (widths from 3' up to 10' in 1' increments) and 7'-12' tall
  - Swinging style (widths from 3' up to 6' in 1' increments)
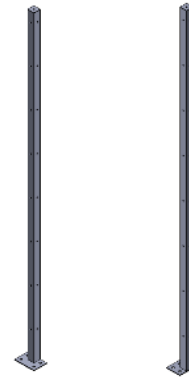

Sliding Style Door

Swinging Style Door

Posts

Features

- All posts include captive hardware for "one-way" hardware assembly–no nut/bolt
- Heights correspond to panel heights
- Post extenders available for any possible cage height
- Optional one-way hardware available

Cage Posts

Locking Systems

Features

Locks available:
- Standard key activated deadbolt
- Electronic lock options include options for auditable trail
- Entry locksets
- Bio-Operated
- Remote Access
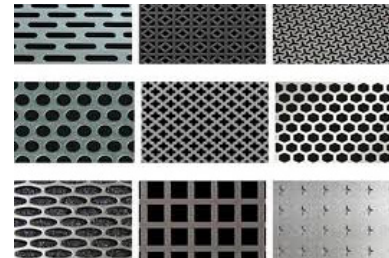- "Crash-Bars"

Standard Lock

Standard Lock

Bio-Combination Lockset

Privacy Systems

All SWDP Reconfigurable Data Center Cages have the option to add privacy screens to prevent adjoining clients from observing the interior of the cage.
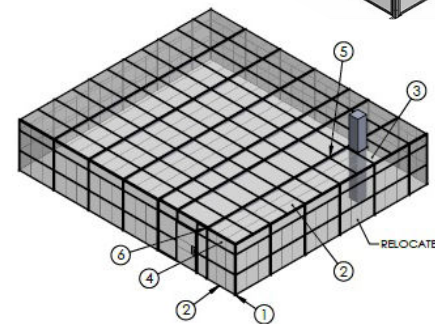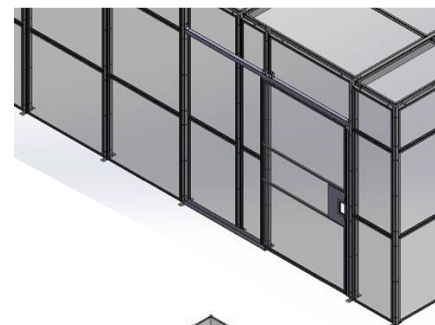

Perforated and Punched Examples

Features

- Perforated steel or aluminum backing panels that affix to the interior of the cage space. Removable later if the cage converts back to a non-visual barrier cage system without affecting the base cage present. These can be powder coated to match the cage color. Available in most any sized opening restrictions to meet your client's security requirement.

- Clear, opaque, and solid color PolyCarb Twinwall materials that mount to the interior of the cage panels before, during or after installation

- Double mesh for added security and privacy is available

- Available with all conceivable configurations to include:
  - Under raised floor
  - Top lid (high security)
  - Filler pieces around pathway installation
  - Custom heights, widths and configurations are unlimited
  - Special sizes for filler panels
  - Add-on security to existing cages when a higher level is needed
  - Special cut outs for existing site conditions such as lights, runway, buss bar etc.
  - Quick turnaround (typically 2 weeks ARO & design approval)
  - Available in black, gray and bright white. Custom colors on request.

Twin-Wall Privacy Option

Roof Systems

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