

DIS Isolated Platforms

Engineered, Low-Profile Seismic Protection for Mission-Critical Servers and Artwork

IDEAL FOR:

- Computer Servers
- Medical Equipment
- Manufacturing Equipment
- Artwork, including Statues

Why Use An Isolated Platform?

In today's data-dependent world, computer servers and systems are key to business operation.

Isolated Platforms provide protection against server downtime and equipment damage from an earthquake.



40' long Isolated Platform houses two banks of servers and IT equipment.

More Server Uptime

Protecting data centers and essential equipment against system failure with backup power and mirrored storage are common practice.

Protection against seismic forces is also vital. Conventional design utilizes strengthening techniques which actually increase seismic forces and accelerations. Isolated Platforms reduce forces to equipment.

Systems and equipment remain undamaged, operational and on line. Seismic isolation has been utilized to achieve Uptime Institute's Tier 4 rating in seismic zones.



The platforms use standard size computer floor tiles.

Performance

During a seismic event the Isolated Platform decouples equipment from floor motions and absorbs seismic energy. The floor moves beneath the IP, leaving what it supports largely unaffected. Transmitted accelerations are reduced by up to 5 times.

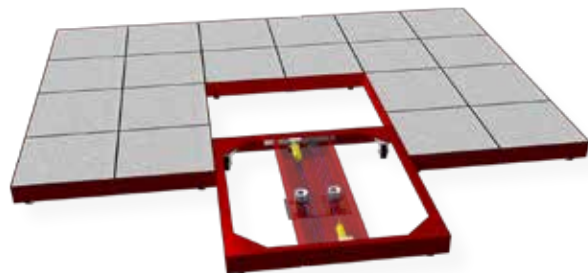
Standard DIS Isolated Platforms are designed for 100psf to 500psf floor loading in moderate to high seismic regions. Custom engineered solutions are available to suit any application.



Salt Lake City Public Safety Building: Critical equipment is protected by an extensive DIS Isolated Platform System.

Configurations

DIS' patented IP is comprised of Multi-Directional Springs and high-load capacity rolling supports housed within an attractive steel frame. Modules are available in Standard (4ft x 4ft) and Extended (4ft x 6ft) sizes.



Platforms can be bolted together on all four sides to create custom layouts, such as for supporting single servers or a long row of server racks.

Finished Floor Slab Requirements

- ▶ Dimensions: Plan size 2ft larger than IP to allow for movement
- ▶ Flatness Finish: FF 50
- ▶ Levelness Finish: FL 30
- ▶ Designed to Support: 3,000 lb. point loads

Platform heights range from 7 to 11 inches, depending on the required load capacity.

Platforms - Standard

Part No.	Dimensions L x W x H	Capacity (psf)
IP-100S	48" x 48" x 7"	100
IP-200S	48" x 48" x 7"	200
IP-300S	48" x 48" x 9"	300
IP-400S	48" x 48" x 9"	400
IP-500S	48" x 48" x 11"	500

Platforms - Extended

Part No.	Dimensions L x W x H	Capacity (psf)
IP-100E	48" x 72" x 7"	100
IP-200E	48" x 72" x 7"	200
IP-300E	48" x 72" x 9"	300
IP-400E	48" x 72" x 9"	400
IP-500E	48" x 72" x 11"	500

