

Raised Floors



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Raised floors have been in use for many years, and there are multiple reasons why these would be necessary for a data center environment. It creates a pathway for electrical, mechanical, and communications services that allows easy access to the customer's IT equipment while ensuring airflow pathway and distribution. Enconnex's structural raised floor solutions solve all of these problems and create a leveled floor surface for the mounting of your equipment.

To support heavy loads, like cooling units and electrical equipment, the Enconnex floor solution is designed to allow for flexibility and variability when customizing for each customer's environment. Our engineers have developed the strongest raised floor solution on the market. It can be architected around your requirements, not the other way around.

KEY BENEFITS

- Customizable floor height
- Recyclable and environmentally friendly
- Reduced number of grounding points needed
- 70% fewer pedestals with fewer obstructions to create more space for cable pathways, piping, and other services
- Installation in several stages that allows subcontractors to complete their installations prior to floor panel installations
- Variable floor panel sizes for flexible access to an under-floor area
- Rigid self-supporting sub-structure to support heavy equipment
- Seismic capacity available
- Direct laminate process, removing the risk of delamination

Sub-Structure

No other flooring system on the market allows for reconfiguration of the floor to accommodate all future and unforeseen requirements without also rebuilding the sub-structure at an extreme cost.

Today, the most common practice is to start by laying out a 24"x24" (600x600mm) floor grid and adapt the server rack layout and other equipment. With our solution, you can place the server rack and other equipment in the most optimal locations in your data center environment. Using any size floor grid modules will help improve your equipment layout by up to 20%.

Different Size Floor Panels

To achieve optimized equipment layout and full access to the underfloor area, we offer panel sizes from 12-48x24 inches (315-1220x600 mm).



16"x24"(400x600)



24"x24"(600x600)



36"x24"(900x600)

Open Bottom Access

By simply replacing panels with square steel tubing under the electrical equipment areas, it provides open bottom access for easy cable management as well as direct cooling, if required.

