

# Data Center Walls & Enclosures



## About PortaFab

With decades of experience helping clients design, specify and install environmental enclosures, PortaFab's vast assortment of modular components offers a complete solution for the environmental needs and security requirements of data centers.

PortaFab's pre-engineered modular components allow data centers to construct reliable tenant housings for ultimate security or for hot and cool aisle air containment in order to optimize energy efficiency.

*"Our pre-engineered modular systems are used by data centers to control access, improve security and increase energy efficiency"*

## Advantages of Using Pre-Engineered Modular Systems

PortaFab's pre-engineered modular systems are used by data centers to control access, improve security and increase energy efficiency within their facility. PortaFab's modular walls can be installed quickly and cleanly, with no mess or construction debris to compromise the surrounding server environment. These advantages and those outlined below, make PortaFab's modular systems ideal for the construction and installation of hardwall data center enclosures.



### Quick Installation

Pre-engineered components are able to be assembled quickly during installation, resulting in a minimal effect on the surrounding data center environment.

### Versatility

Modular systems can be easily expanded, relocated or reused, allowing the enclosure to adapt to future changes or server expansion at your business.

### Clean Installation

Prefabricated modular components require minimal on-site finishing, minimizing the possibility of dust and other contaminants near servers.

### Low Maintenance

PortaFab's durable, prefabricated modular walls require little maintenance, eliminating the cost for repainting, surface repairs and other maintenance associated with conventional construction materials.

## Data Center Enclosures

Secured enclosures can be created by combining PortaFab's pre-engineered modular wall panels with a variety of doors and door access hardware in order to meet the security needs of various businesses. **Banks, Medical institutions, Online retailers, and Credit card processors** are creating private enclosures for secured storage of their servers in multitenant data centers by using PortaFab's easy-to-install modular wall systems. The flexibility inherent with modular components allows one to relocate, reconfigure, or expand their enclosure based on the changing needs of their customers.

## Energy Efficient Enclosures

Our modular enclosures can be arranged in a variety of configurations in order to maximize energy efficiency when designing hot and cold aisle arrangements or to manipulate specific air flow paths. These design solutions provide valuable savings on energy and electricity costs.

- Modular walls are a low-cost solution to maintaining lower temperatures within the server housing.
- Hot aisle and cold aisle configurations can be accommodated to funnel cool air into the server housing, while funneling hot air out and away from your servers.
- Walls can extend from floor to ceiling allowing hot air to escape through the roof, without compromising the previously cooled and conditioned air



*"The flexibility inherent with PortaFab's modular components allows ease of relocation and reconfiguration"*

## Data Center Enclosure



*Hot and cold aisle configurations can be accommodated to funnel cool air into the server housing*



*Secured storage enclosures can be created for enhanced privacy.*



*Walls can extend from floor to ceiling, allowing hot air to escape through the roof.*

# Interested in Enhancing Your Data Environment?



## The PortaFab Advantage

Extremely versatile data center wall enclosures from PortaFab are improving energy efficiency and helping multi-tenant data centers offer added security for clients in a wide variety of businesses including:

- Banks
- Online Merchants
- Private Investigators
- And more
- Financial Institutions
- Retailers
- Accounting Firms
- Healthcare Providers
- Law Firms
- Web Hosting Providers

## Lets Get Started

Contact PortaFab to discuss how we can help you to improve the energy efficiency and overall security of your stored data TODAY.

Call us at **1-800-325-3781**  
or email us at **[info@portafab.com](mailto:info@portafab.com)**