



**PORTAFAB**  
Modular Building Systems

**Create. Control.  
Partition. Protect.**

IDEA BOOK



## Create

Whether you need to convert an open area to enclosed offices or create space out of thin air, PortaFab can help. Our modular building systems are ideal for creating everything from inplant offices and meeting rooms to 2-story inplant buildings and mezzanine-mounted structures that help you maximize your space.



## Partition

PortaFab's extensive line of modular wall systems provides unmatched value and versatility across a wide variety of applications. Our customers partition office space, isolate infectious diseases, segregate production facilities, subdivide data centers and more.



## Control

From achieving basic control over humidity, dust and temperature to creating entire building envelopes for the most critical cleanroom environments, PortaFab's line of modular cleanroom systems and accessories can be used to provide effective control in virtually any environment.



## Protect

PortaFab's modular building systems are ideal for applications that range from enclosures that protect sensitive equipment to climate-controlled booths that help keep workers safe and comfortable while on the job.



# Simplify the Construction Process

## Need to Create, Control, Partition or Protect space within your facility?

PortaFab provides innovative modular building products, proven engineering expertise and local installation teams to help you fulfill these needs quickly and cost-effectively. Our industry-leading line of modular building solutions provides unparalleled flexibility for adapting to your business's ever-growing needs.



Two-Story Inplant Building



ISO Compliant Cleanroom



Two-Story Office



"Quick-Ship" Office

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Offices with Enclosed Second Floor

CREATE MORE SPACE

## Inplant and “Quick-Ship” Offices

As an industry leader in providing modular building solutions, PortaFab makes construction easy for virtually any type of inplant office application.

Our innovative “Quick-Ship” program allows us to ship most standard offices within 5 days of order.



Engineering Offices



Standard “Quick-Ship” Office



Supervisor's Office



Inplant Office





First Floor Military Warehouse with Second Floor Offices

CREATE MORE SPACE

## Inplant Buildings

PortaFab's large variety of interchangeable, load-bearing wall systems are ideal for creating all types of buildings within buildings.

Create entire structures or add demising walls that separate areas in large manufacturing operations.



XTRA TALL Medical Processing Building



Integrated Stair and Landing



Integrated Material Lift

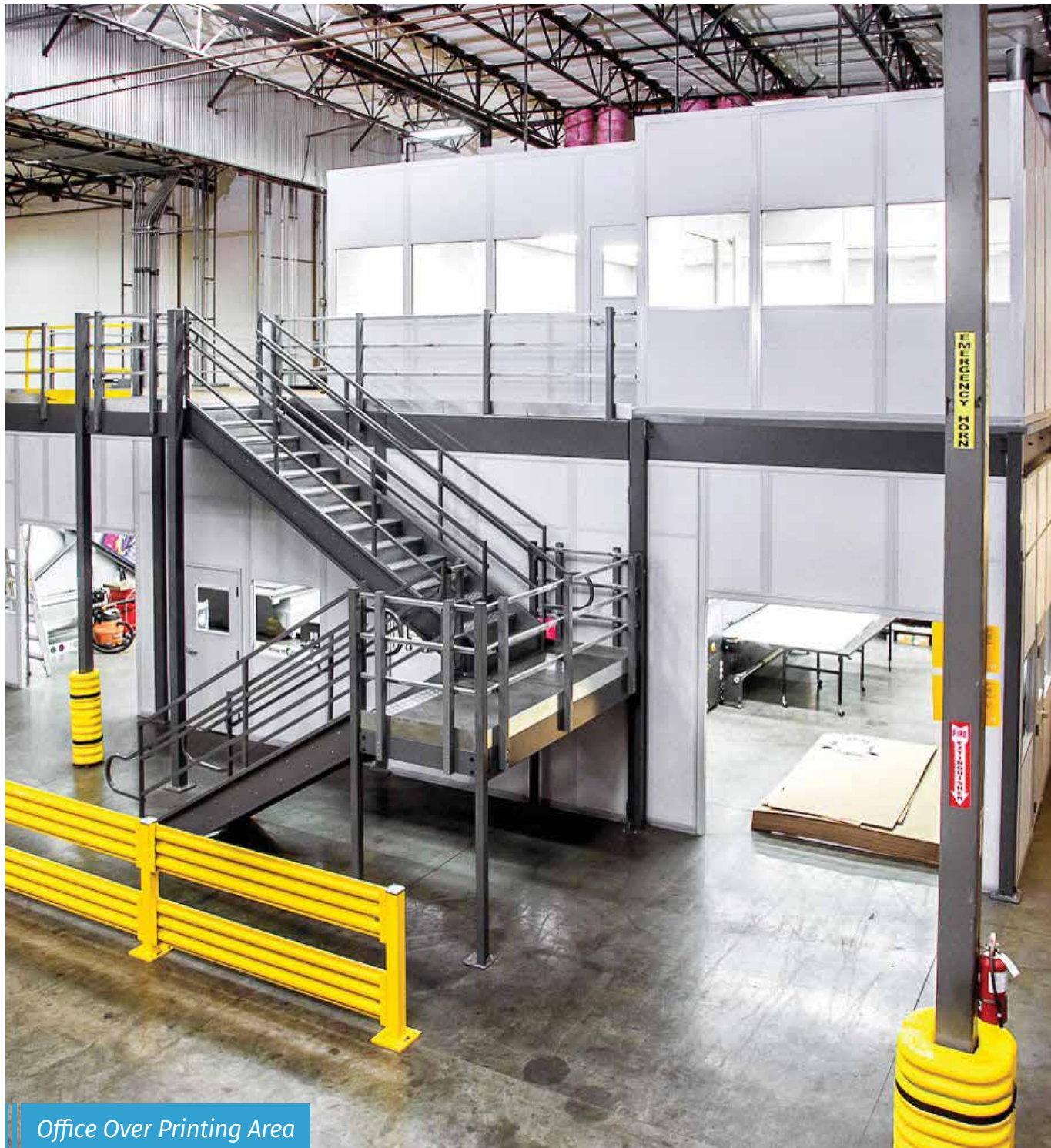


Two-Story Rehab Building at a Hospital



Integrated Impact Doors





Office Over Printing Area

## CREATE MORE SPACE

# Mezzanines Offices and Buildings

Enhance operational efficiency at your facility by expanding vertically and turning unused space into a work platform, office or storage area.

PortaFab's engineering team can help integrate structural mezzanines with its modular building systems for even greater functionality.



Equipment Enclosure with Storage Mezzanine



Car Dealership



Office on Mezzanine



Enclosed Maintenance Space





Front Office Glass Partitions

CREATE MORE SPACE

## Interior Offices and Wall Partitions

PortaFab's extensive line of modular wall systems is ideal for creating interior offices and partitioning work spaces.

Framing systems can be painted in many colors (including custom colors) and can be customized with a variety of panel options.



Easy-to-Clean Walls



Fitness Center Rooms



Private Office Space



Freestanding Wall Partitions



Office Separators



CREATE MORE SPACE

# Demising Walls

Create demising walls quickly and cost effectively with minimal waste and shorter installation time than traditional construction.

The modular design also allows these wall systems to be moved or relocated quickly, easily and inexpensively.



Steel Span All-in-One Wall System



Preassembled Office with Forklift Pockets



Cool Down Room



Conditioned Production Area



Integrated High-Speed Doors

CREATE MORE SPACE

# Portable/ Forkliftable Booths

Take portability to a new level. While our modular building systems are easy to “disassemble and relocate,” these preassembled buildings feature an all-welded aluminum construction and rugged frame that allows these buildings to be moved throughout your facility - indoors or outdoors - with a forklift.



Easily Relocatable Office





Nano Lab

## CREATE MORE SPACE

# Cleanrooms and Environmental Enclosures

PortaFab's comprehensive line of modular cleanroom wall systems, windows and ceiling grids is ideal for creating all types of controlled environments. We make cleanroom construction easy.



Equipment and Process Enclosure



Standalone Cleanroom



Pharmaceutical Facility



ISO 6 Cleanroom





*Sensitive Equipment Storage*



*Injection Molding Enclosure*



*Laser Equipment Enclosure*



*Molding Cleanroom*

CREATE MORE SPACE

## Machine and Equipment Enclosures

Need environmental control from noise, temperature, humidity and particulates? Consider PortaFab.

Our systems can be tailored to the specific needs of your application to achieve the environmental and maintenance conditions you require.



*Coordinate Measuring Machine Enclosure*



*Sound Deadening Equipment Enclosure*





Parts Storage Room

CREATE MORE SPACE

## Parts Storage and Control

PortaFab's systems are ideal for constructing rooms and buildings within facilities to control the flow of parts, tools, and other valuable items used in daily operations.

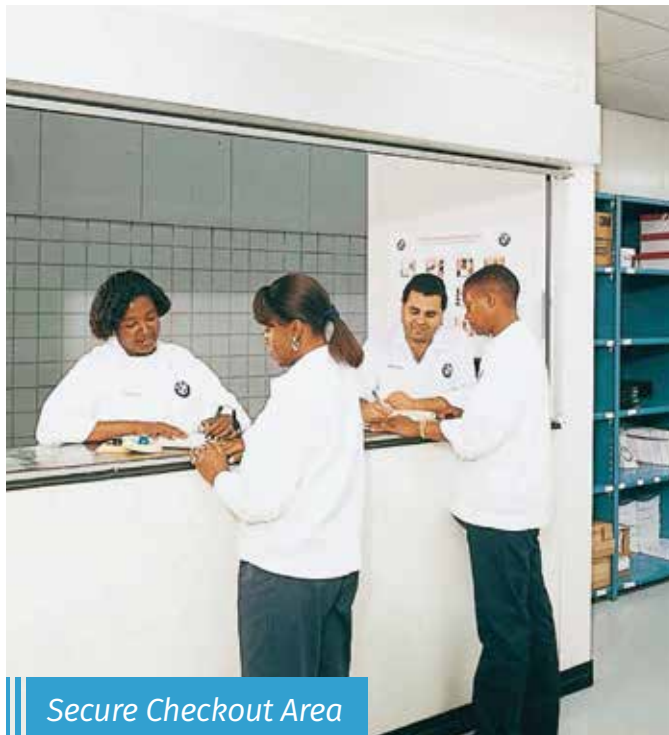
Modular rooms provide environmental control and limit access to authorized personnel.



Controlled Environment



General Stores Enclosure



Secure Checkout Area



Secure Storage Area



Offices Over Tool Crib



CREATE MORE SPACE

# Packaging Rooms

Achieve quality and consistency throughout your entire operation with an environmentally controlled packaging room. Whether you need to comply with a specific ISO cleanroom standard or just want to house your packaging operation in a more controlled environment, PortaFab can help.



Food Mixing and Packaging Cleanroom

CREATE MORE SPACE

# Printing Equipment Enclosures

Protect sensitive equipment with a PortaFab cleanroom or controlled environment. Our systems make it easy to achieve environmental control over noise, temperature, humidity and particulates.



Printing Room



Medical Packaging Cleanroom



Print and Packaging Process Enclosure



Controlled Environment





Powder Coating Enclosure



Integrated Conveyor Openings



CREATE MORE SPACE

# Paint Finishing Enclosures

PortaFab's modular building systems are ideal for enclosures that need to contain fumes, filter VOCs and maintain indoor air quality.

Plus, our systems offer flexibility in design and can be easily expanded or relocated as needs change.

CREATE MORE SPACE

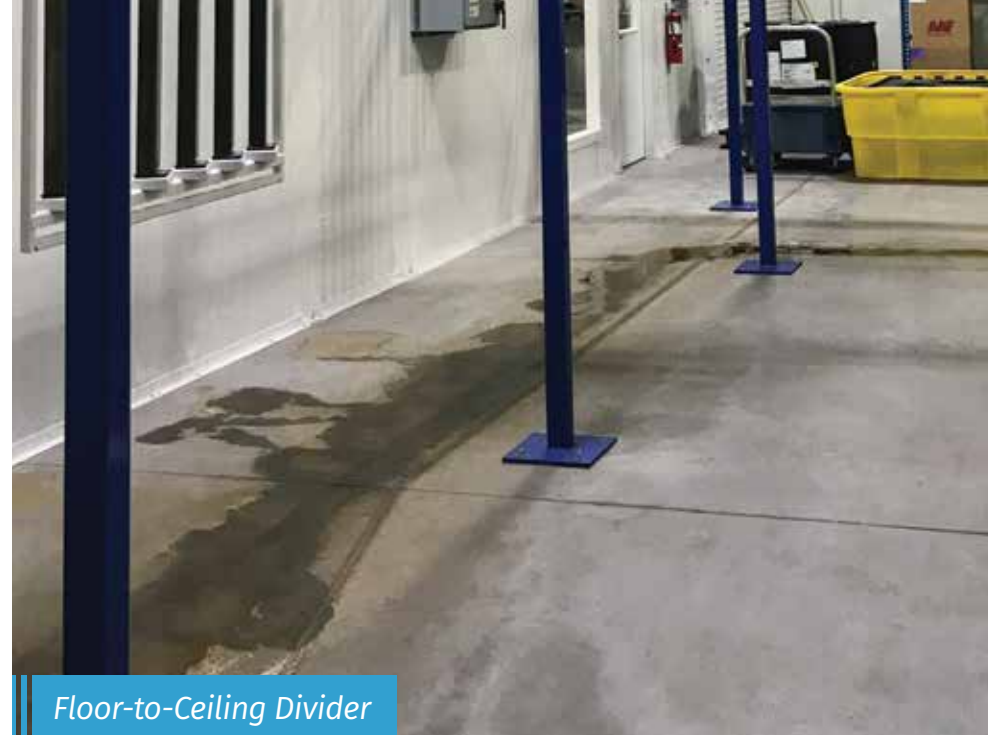
# Powder Coating Enclosures

PortaFab modular wall systems are perfect for enclosing all types of powder coating operations.

The smooth interior wall surfaces are available with anti-static panels that minimize the attraction of powder coatings for efficient and easy cleaning.



E-Room



Floor-to-Ceiling Divider



Integrated Openings





Corrosion Testing Lab

CREATE MORE SPACE

## Laboratories

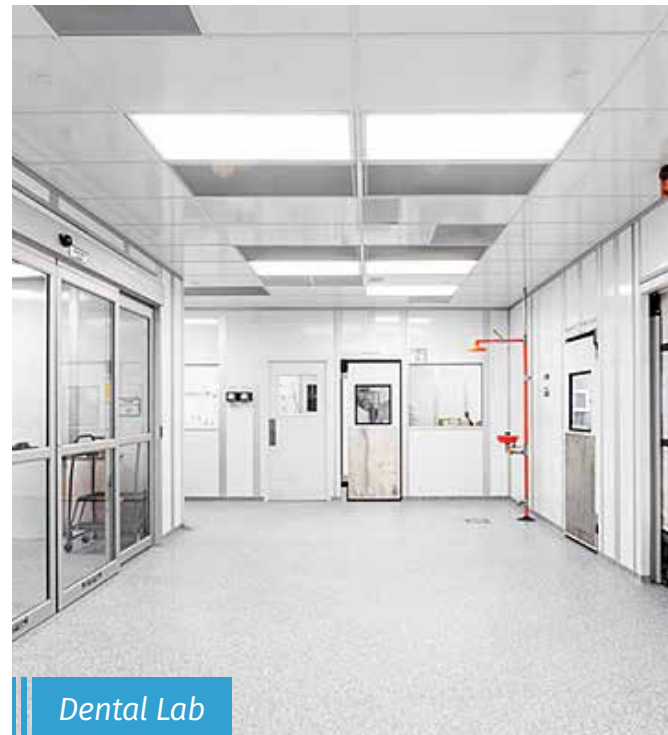
PortaFab's modular building systems can be used to create everything from ISO 5 cleanrooms to simpler, environmentally controlled rooms with easy-to-clean wall and ceiling surfaces.



Research Lab



Photolithography Room



Dental Lab



Ingredients Testing Lab





Automotive Testing Lab

CREATE MORE SPACE

## Inspection Rooms and QC Centers

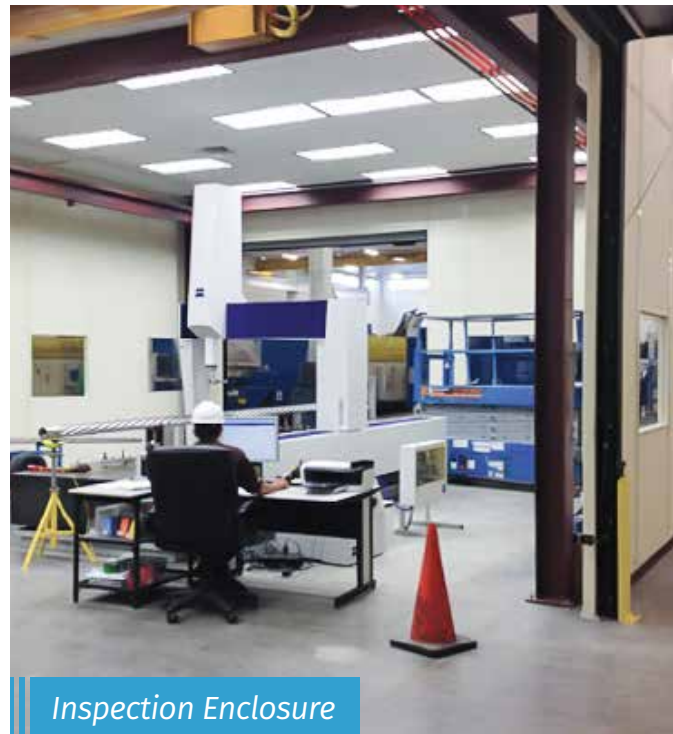
Protect sensitive calibration and testing equipment with environmentally controlled rooms that can control temperature, humidity and particulate with thick insulation and constant temperature levels. Wall surfaces and ceiling systems are available in a variety of non-shedding materials including static dissipative.



ISO 8 QC Inspection Center



Enclosure for Coordinate Measuring Machine



Inspection Enclosure



Quality Assurance Lab



Integrated Conveyor Opening





Inplant Lunchroom and Rest Area

## CREATE MORE SPACE Break Rooms and Lunchrooms

PortaFab's break rooms and lunchrooms give employees a clean, quiet and relaxing atmosphere where they can eat meals and recharge. Increase worker productivity by not only providing a clean and comfortable rest area, but by reducing the need for workers to travel extensively to take their breaks.



Easy-to-Clean Wall Surfaces



Integrated into Tight Spaces



Break Room



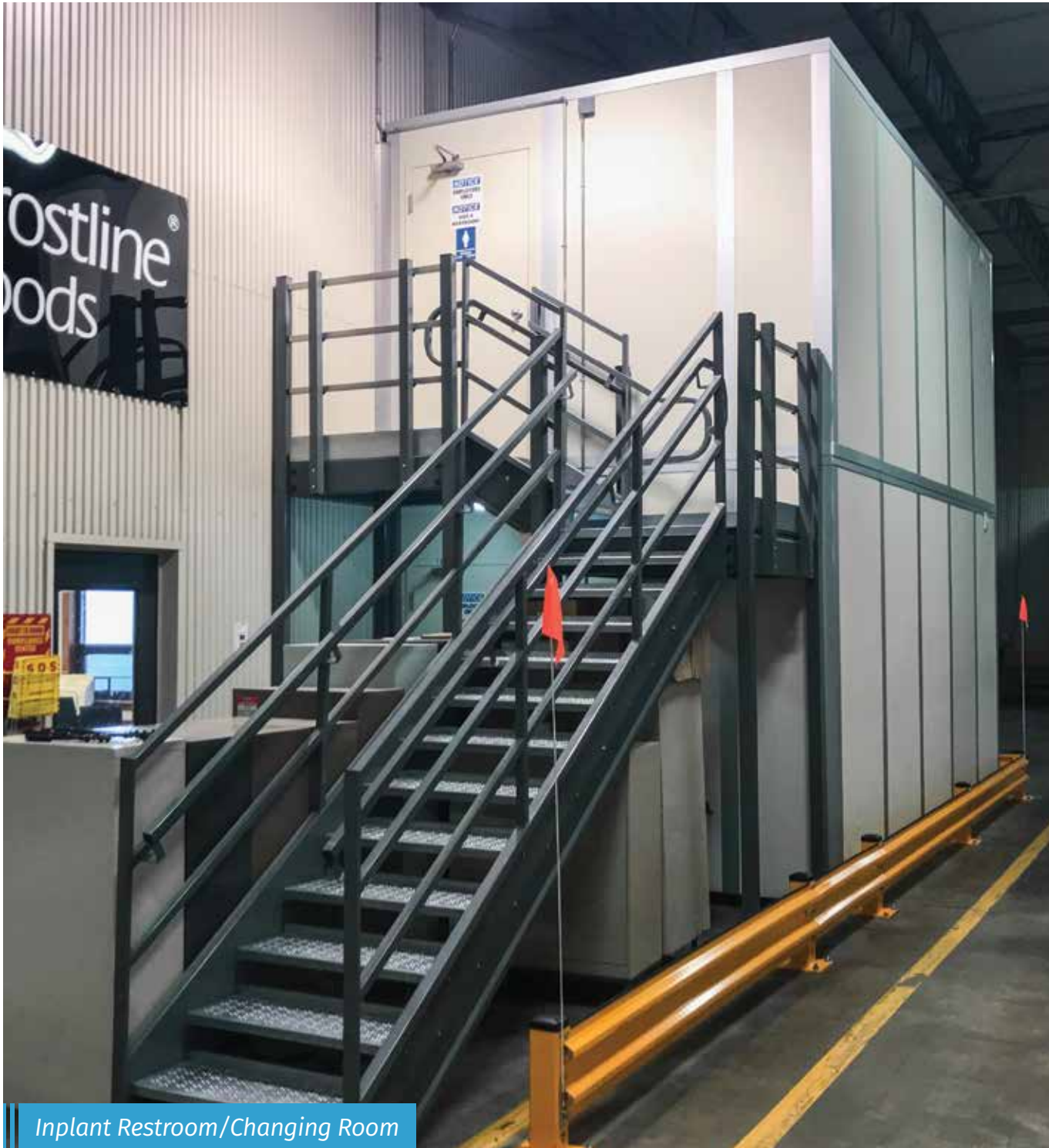
Extra Tall Windows



CREATE MORE SPACE

# Locker Rooms, Bathrooms, and Gown Rooms

PortaFab's modular building systems can be used for applications ranging from inplant bathrooms and employee locker rooms to environmentally controlled gown rooms for cleanroom and laboratory environments.



Inplant Restroom/Changing Room



Inplant Bathroom



Cleanroom Wash Room



Locker Room



Cleanroom Gown Room



Employee Changing Room



CREATE MORE SPACE

## Training and Conference Rooms

With PortaFab's modular building solutions, you can keep training, safety and production meetings near the plant floor and close to the action.

Rooms can be constructed quickly and are easy to adjust and reconfigure - maximizing their long-term value.



"Quick-Ship" Meeting Room



Training Facility



Factory Conference Room



Training Room



Inplant Conference Room



Training Room with 2nd-Floor Storage





Elevated Office with Storage Underneath

## CREATE MORE SPACE

# Control Rooms

To minimize distractions from the noise and activity associated with many operations, PortaFab's modular offices are often used to create control rooms that provide sound and environmental control for both employees and sensitive equipment.



Control Room Over Equipment Enclosure



Sorting Stations



Supervisor's Office



Warehouse Server Room



Control Room with 270° Vision





Integrated Vertical Lifts



Standard Door



Warehouse Office Building



Quick-Ship Office

CREATE MORE SPACE

## Warehouse Area Solutions

From basic offices for managers and supervisors, to complete “in-warehouse” complexes, PortaFab’s systems can be used to create any type of work environment. Systems can even be designed with high speed doors and materials lifts for improved productivity.



Warehouse Office



Warehouse Office Complex



CREATE MORE SPACE

# Shipping Area Solutions

While PortaFab’s “Quick-Ship” modular offices are a mainstay for creating shipping supervisor offices, systems have also been used to create waiting rooms for truck drivers and to create an enclosed dock space.



Shipping Manager’s Office

CREATE MORE SPACE

# Manufacturing Area Solutions

The rugged, industrial construction of our modular building systems makes them ideal for use in creating all types of inplant solutions.



Inplant Bulletin Board



Truck Driver Waiting Room



Enclosed Loading Dock



Freestanding Walls for Manufacturing Cells



Flight Simulator



CREATE MORE SPACE

## Data Center and Server Rooms

PortaFab's pre-engineered modular systems are not only ideal for creating inplant server rooms, but data center operators use them to construct reliable multi-tenant housings for added security or to create hot aisle and cool aisle configurations for data center cooling and energy efficiency.



Glass Data Center Partitions

CREATE MORE SPACE

## Vertical Farming Cultivation/ Grow Rooms

As an industry leader in modular building systems for controlled environments, PortaFab also leads the way in providing the ideal spaces to help agricultural operators increase crop yield while decreasing production costs.



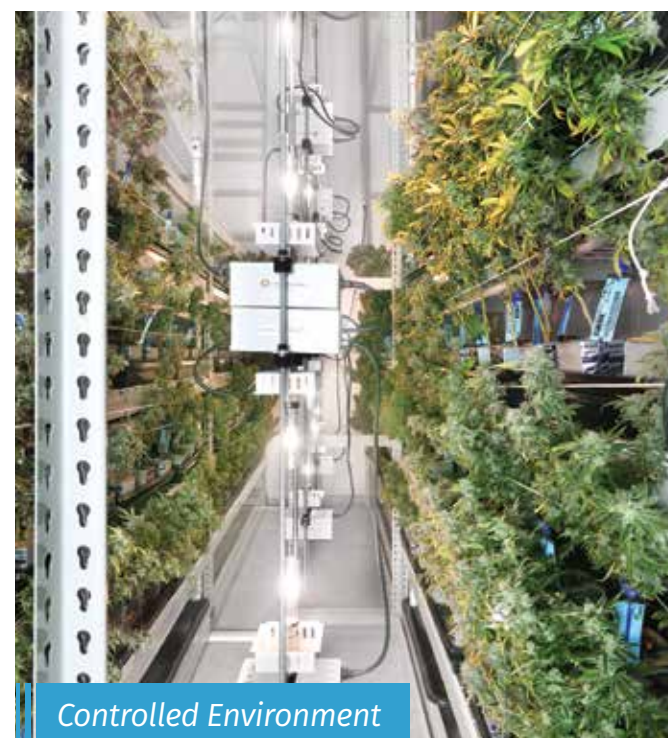
Modular Grow Room



Server Room with Second Story Office



Hot and Cool Aisles



Controlled Environment

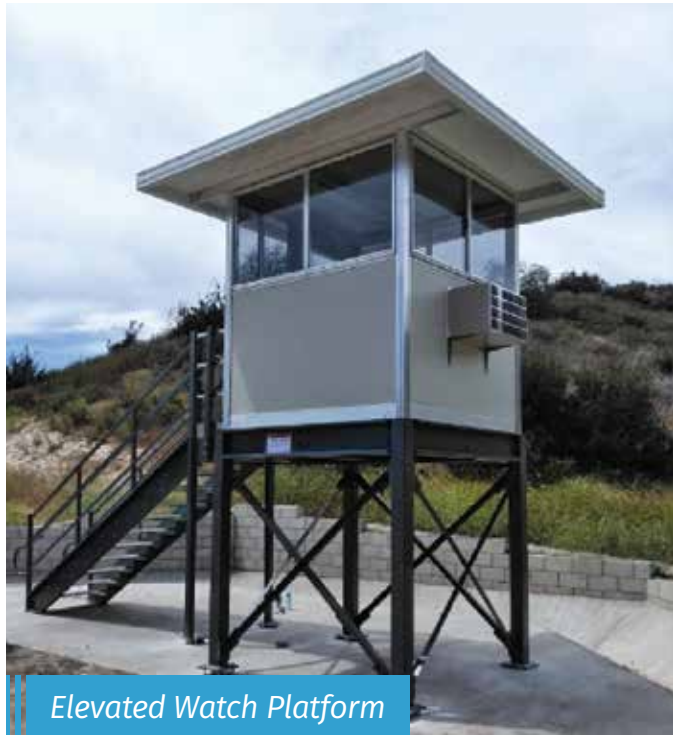


Integrated Doors





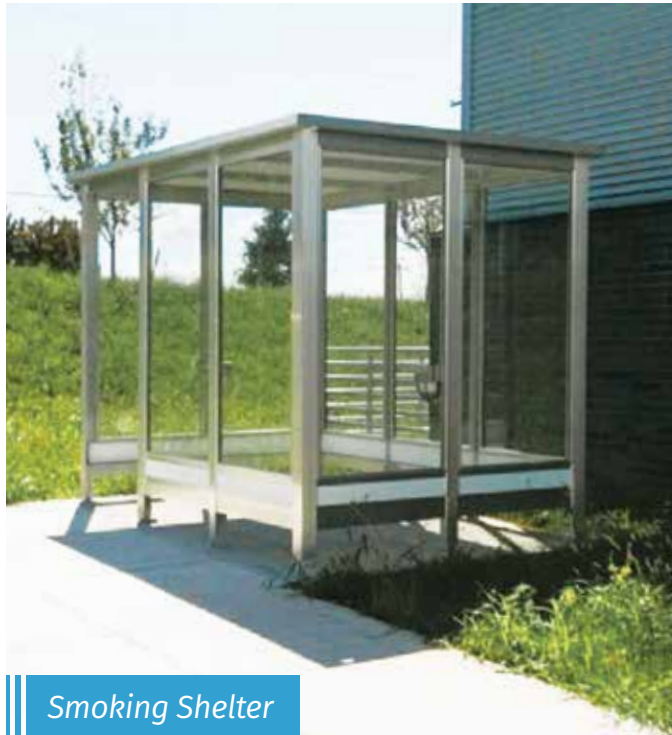
Standard Guard Booth



Elevated Watch Platform



Employee Transit Shelter



Smoking Shelter



Security Guard Shelter



Solar Equipped Lighting

CREATE MORE SPACE

# Booths and Shelters

In addition to our modular building systems, PortaFab manufactures a complete line of booths and shelters featuring an aesthetically pleasing design and a heavy-duty welded aluminum framework that provides long-lasting durability and exceptional structural strength for years of trouble-free service.



Demising Walls



Inspection Rooms



2-Story Offices



Cleanrooms



5 Day Quick-Ship Offices



Meeting Rooms



Walls beneath Mezzanines



Offices on Mezzanines



Paint Finishing Enclosures



Injection Molding Rooms



# The Top 10 Advantages OF PORTAFAB MODULAR CONSTRUCTION

## 1. ADAPTABILITY

Our modular components can be easily expanded, relocated or reused to keep up with your expanding business needs.

## 2. QUICK INSTALLATION

Pre-engineered modular systems utilize standard components and designs that minimize the time required for installation.

## 3. REDUCED CONSTRUCTION LABOR COSTS

Our prefabricated components install quickly and easily, resulting in a lower cost of labor when compared to conventional construction.

## 4. REDUCED DESIGN TIME

Pre-engineered systems reduce the amount of engineering time required to design your building. This results in reduced engineering costs, reduced architectural costs and less total time on your project.

## 5. CLEAN INSTALLATION

Minimal on-site construction and fabrication reduces dust and other contaminants during the installation process. This results in less disruption to the surrounding facility and a reduction in labor costs.

## 6. EASE OF COORDINATION

PortaFab supplies single source installation through a factory-trained distributor network - providing you with a complete turnkey approach with local support and assistance.

## 7. CONSISTENT QUALITY & APPEARANCE

Our attractive integrated systems are manufactured to your exact specifications, providing you with complete design consistency throughout any future additions, expansion or relocation.

## 8. LOW MAINTENANCE

Our durable, prefabricated wall panels require little maintenance beyond occasional surface cleaning. This eliminates costs for repainting, surface repairs or other maintenance associated with conventional construction.

## 9. TAX ADVANTAGES

Depreciation of modular components is usually over seven and a half years versus thirty-nine years for conventional construction, resulting in a quicker return on investment.

## 10. ENVIRONMENTALLY FRIENDLY

Less construction material is wasted when building with modular components. Companies can also earn LEED points to improve their Green Building Rating by building with modular.



# Additional Modular Construction Capabilities

Applications & Ideas



Painting and Finishing Systems



Modular Architectural Cleanroom Systems



Data Center Walls & Enclosures

