Customizing prefabricated Modular Building Systems to fit your needs – providing a clean work space, storage, factory noise control and safety barriers around hazardous equipment.

EFFICIENCY
FLEXIBILITY
SAFETY
SOUND CONTROL
ENVIRONMENTAL CONTROL
TIME SAVING
FASTER RETURN
In-Plant Offices, Incorporated (InPlant) manufactures the widest product range in Modular Building Systems to fit your needs. InPlant’s systems are available in 1 3/4˝ or 3˝ thickness and come in either anodized extruded aluminum or painted steel. Based on the environment and purpose of your Modular Unit, InPlant will customize a Modular Office, Enclosure or Booth for you. Maximize your valuable space with clear spans up to 40’ wide in non-load bearing applications; or expand vertically with a second story; or have a load-bearing roof with load capacities up to 125 pounds per square foot to utilize the roof space for a storage or production area.

InPlant’s Wall Panels include materials with diverse qualities – the outer surfaces and inner core options are designed for safety, environmental control, Noise Control or Soundstop barriers. Depending upon the use, you may select from a wide variety of prefabricated Wall Panels with standard finishes or custom paint colors. InPlant uses durable materials to provide years of maintenance-free use. InPlant’s standard Wall Panels are shown on pages 14-15, though you may request fabrication using custom materials. Call for assistance, and our staff will explain the details of our Modular Building Systems.

Prefabricated modular construction for cleaner installation & flexibility
Since InPlant’s Modular Units are fabricated and painted in the factory, the installation and assembly is cleaner than traditional construction and requires less downtime, saving you money. Tax advantages make modular construction an economical choice (Refer to IRS §179).

Modular construction is open construction, which allows building inspectors to check the structure and wiring at any point of the install process.

The non-progressive design of InPlant’s Modular Systems, allows for change and growth. By utilizing InPlant’s modular flexibility to expand, reconfigure or relocate your structure, you’ll lower future spending, and maximize your investment.
InPlant’s enclosures are a safe and economical way to protect your equipment and personnel. For optimal safety, InPlant recommends the use of 24 gauge Steel Faced Wall Panels with rigid polystyrene foam cores, and constructed with the 13/4˝ or 3˝ Steel Building System. InPlant’s Building Systems are designed to accept safety accessories such as laser protective glazing, computer programmed door controls, interlocks and more. The modular nature of InPlant’s Building System allows you to build around existing equipment, or during installation one or two Wall Panels can be left out, allowing for large equipment to be set in place.

Wall perimeter safety guards
InPlant offers a lightweight, freestanding Wall Partition System that allows you to choose a panel configuration to meet your safety requirements. The Wall Panels are joined with InPlant’s non-progressive Building System that can be moved or rearranged quickly and easily. The lightweight system includes stackable panels to extend wall height, and can easily be field modified for custom applications. InPlant’s rugged Steel Faced Wall Panels stop weld flash, flying debris or excessive noise.

Enclosed structures for lasers, welding and containment of sound, paint & dust
InPlant’s Steel Faced Wall Panels and steel interlocking building systems provide a durable safety barrier. The structural Wiring Studs are designed to include a wiring raceway for electrical and data wires, or conduit can be surface mounted to any part of your Modular Unit. The hard cap roof is assembled with the same durable Steel Wall Panels allowing full protection in the interior space, and it provides support for roof mounted accessories such as air extraction systems. From lasers to robotic automation, our enclosures meet requirements for light-tight safety, as well as control of temperature, humidity, noise, dust, smoke or fumes.

SAFETY
InPlant offers a variety of insulated non-combustible Wall Panels, which can be fabricated with steel to serve as protective barriers from hazardous equipment.

SOUND CONTROL
Isolating noise is vital for privacy and protection from loud equipment — key features of our modular rooms and enclosures.

Control the noise
When noise becomes a problem, InPlant’s Wall Panels with NC Construction are a solution. The Noise Controlling and Non-Combustible Wall Panels with 1/2˝ gypsum layers contains excessive sound, and is available in either 13/4˝ or 3” thickness.

The 3” thick Soundstop™ Modular Building System is InPlant’s solution for extreme noise control. Soundstop Wall Panels are constructed with an interior cavity filled with rock wool sound insulation, inside of a gypsum shell. We also insulate these Wiring Studs with rock wool. The Soundstop windows are dual pane insulated and doors are sealed to provide a substantial sound barrier.
TIME SAVING

Prefabricating components in our factory, makes installation a rapid process — completion in approximately 4 to 6 weeks from approval. This minimizes downtime which saves you money.

ENVIRONMENTAL CONTROL

Our environmentally-controlled rooms and laboratories work seamlessly with equipment that regulates temperature and humidity, and provides protection against harsh weather.

Environmentally controlled rooms for inspection, manufacturing, packaging & more

InPlant provides a solid, controllable, and adaptable structure based around specific applications. Air handling is of utmost importance, so InPlant partners with the best clean room specialists to provide expertise in design, materials, equipment and installation. Our Wall Panels integrate easily with the stringent equipment requirements for ISO-rated clean rooms.

Choose from InPlant’s wide range of structural BUILDING SYSTEMS & WALL PANEL options

In CMM rooms or other applications requiring precision calibration, InPlant recommends any of their 3” thick Building Systems – the Standard or Heavy-Duty Steel System, or All-Purpose Aluminum System for temperature and humidity control.

The 3” All-Purpose Aluminum System in combination with Fiberglass Reinforced Plastic (FRP) Faced Wall Panels provide a solid moisture resistant and non corrosive surface, with strong support for a clean room infrastructure. Both the FRP Faced and Vinyl Faced Wall Panels provide a surface that’s easy to clean.

The 3” Steel Building Systems are ideal for load-bearing applications, rooms requiring more insulation, and sound attenuation. The optional 16 gauge steel provides a heavier-duty structure to support wide spans up to 40’ without supporting columns in non-load bearing applications. All of InPlant’s NC Construction Wall Panels are easy to install, and provide a range of environmental requirements for the interior.

ENVIRONMENTALLY CONTROLLED ROOMS

Coordinate Measuring Machine (CMM) Rooms
Temperature, Pressure & Humidity Control Rooms
Cold Rooms, Warm Rooms, Lighting Control Rooms
Monitoring & Testing Rooms
Controlled Calibration Rooms
Non Corrosive (Washdown) Agricultural Rooms

CLEAN ROOMS

Compounding Pharmacies
Dust-Free White Rooms
Computer Engineering & Control Rooms
Photo Studios
Laboratories
Aerospace Industry
Animal Housing Labs
Composite Industry
Nano Technology
Optic Industry
Pharmaceutical Industry
Wafer Fab Production
Medical Device Manufacturing & Assembly Rooms
Microelectronic Fabrication
Pharmaceutical Processing
Quality Control (QC) Inspection
Semiconductor Manufacturing
Sterile Filling & Packaging

Environmental controlled enclosure to insure production quality

Environmental controlled enclosure to support equipment that regulates temperature and humidity

Temperature controlled & dust-free white room

Medical Response Trailer, 3/4” Aluminum System & FRP Faced Wall Panels

Temperature & contaminant controlling entrance, 3/4” Light-Weight Aluminum System & FRP Faced Wall Panels

3” All Purpose Aluminum System & NC Construction Wall Panels

Engineered for tall enclosures

Designed to support equipment that regulates temperature and humidity

InPlant provides a solid, controllable, and adaptable structure based around specific applications.
PRE-ASSEMBLED SHELTERS & BOOTHs

InPlant’s Booths, Guard Shacks, Control Rooms, Operator Cabs and Security Shelters are prefabricated in the factory, wired, and shipped fully assembled. They are designed for easy shipping – up to 8’ wide by 20’, and larger booths require oversized shipping. The booths are built on a welded steel channel base frame which supports the structure, sub-floor and vinyl tile flooring. Fork pockets are formed in the steel base for easy unloading and placement using a forklift.

Shelters for interior & exterior use
For an interior use, our Booths can be assembled in a wide variety of Wall Panel options.

For exterior applications, we pair our 3” All-Purpose Aluminum Building System with our Cement Board Wall Panels for maximum durability and weather resistance. Exterior Roof Panels are 3” thick for added insulation with steel facing for strength to support the exterior grade corrugated roof, and the perimeter gutter system with downspouts. The windows are exterior grade and can be fixed or sliding.

In the Booth, the outlets, lighting and HVAC are pre-wired in the electrical raceways built into the structural Wiring Studs and Roof Panel.

Security applications to extend protection
We offer custom modifications – bullet and blast resistant construction, along with the ability to fully integrate with security cameras, access control doors, and more.

FASTER RETURN
InPlant’s Modular Buildings Systems are classified as equipment under tax laws allowing accelerated depreciation, saving you capital (refer to IRS §179).

A package with service
Since 1987, InPlant has manufactured Modular Building Systems with strict quality control from raw materials through assembly and delivered Offices, Enclosures and Booths with supporting services from shipment through installation. We pride ourselves on excellent customer service, and our team uses state-of-the-art engineering with the latest computer-aided design capabilities. Our manufacturing facility is climate controlled for product consistency with the capacity to build and service unique customer requirements.

Solutions created to fit
InPlant’s employees have years of experience in developing a wide variety office space solutions for customers. We will custom design a Modular Building System within your space constraints and around any equipment obstruction – we precisely fabricate the interior or exterior dimension within a fraction of an inch. We can engineer a modular unit that’s as economical, or as intricate and heavy-duty as you require it. No job is too small or too large – from a single one-person shipping office to a multi-story complex.

InPlant’s clients include the world’s largest retailer, automobile and other manufacturers, secure government facilities, various sized warehouses, and many others.

Durable products maximize the return
Your Modular InPlant Office can be expanded, reconfigured, or relocated as your company evolves and its needs change. The design of our Building Systems will remain non-progressive. After installation or years later, Wall Panels can be upgraded or replaced – to include Wall Panels with windows or doors – without disturbing an adjacent section. With our product’s modular flexibility to update and reconfigure your structure, you’ll lower future spending, and maximize the return on your investment through many years of service.
Benefit from InPlant’s versatile BUILDING SYSTEMS; select WALL PANELS appropriate to the need; & choose ROOFING materials to suit your purpose.

THE STRUCTURE
InPlant’s structural Building Systems are designed with metals appropriate for environment and capacity requirements – using either 20 or 16 gauge painted steel, or satin anodized 6063T-5 aluminum extrusions.

The BUILDING SYSTEMS consist of Wiring Studs, Corner Posts, Wall Starters, Ceiling Cap and Floor Track with Vinyl Base Molding.

Load-bearing Support & Wiring Studs
The supporting Wiring Studs are located at each Wall Panel junction – every 4 foot or less. On pages 12 and 13, you’ll see InPlant’s Building System selections, and the different features of the lightweight and load-bearing options. In addition to structural support, the Wiring Studs act as wiring raceways with removable cover plates which allow easy access for electrical conduit and communications cables.

Corner Posts
InPlant Corner Posts incorporate the expandable and non-progressive features of the InPlant Building System. The Corner Posts are made of extruded aluminum that is anodized or painted to match your Wall Panel selection or custom paint color.

Wall Starters
For single Wall Partitions, and 2 or 3 wall configurations, InPlant Wall Starters are anchored in existing walls and securely set the leading Wall Panel.

Ceiling Cap & Trim
The Ceiling Cap with a metal angle is seen on the exterior, pre-installed in anodized aluminum frames, and span the full width of the panel and may extend various heights for aesthetics or viewing purposes (standard height 41”). Alternate window materials are available such as tinted, wire glass, laminated, insulated, acrylic, polycarbonate, and also safety glazing for welding and laser enclosures. For functionality you may choose sliding windows.

Fixed or Functional Windows
InPlant window units are made of 1/4” thick tempered glass pre-installed in anodized aluminum frames, and span the full width of the panel and may extend various heights for aesthetics or viewing purposes (standard height 41”). Alternate window materials are available such as tinted, wire glass, laminated, insulated, acrylic, polycarbonate, and also safety glazing for welding and laser enclosures. For functionality you may choose sliding windows.

NOISE CONTROL & SAFETY WALL PANELS
InPlant offers a variety of non-combustible and insulated Wall Panels, engineered to meet national building codes and OSHA safety requirements. Choose the appropriate WALL PANELS for your application in either 1/4” or 3/8” thickness, and in standard 8’ to 26’ height which can extend taller. See pages 14 and 15 for option details.

Door Options
InPlant’s single or double steel swing doors are prehung and made of steel shell with an insulated core (Standard 3 x 7” includes hinges, swing & key-in-knob lock. Lever locks & panic exit hardware available). Custom sizes are available, as well as high-speed or manual roll-up doors, bump doors, sliding or strip doors. InPlant’s modular design allows for many types of doors and frame openings that can accommodate conveyors, turn-tables, and many other loading and unloading components.

Fixed or Functional Windows
InPlant window units are made of 1/4” thick tempered glass pre-installed in anodized aluminum frames, and span the full width of the panel and may extend various heights for aesthetics or viewing purposes (standard height 41”). Alternate window materials are available such as tinted, wire glass, laminated, insulated, acrylic, polycarbonate, and also safety glazing for welding and laser enclosures. For functionality you may choose sliding windows.

LOAD-BEARING WIDE SPANS & ROOF STORAGE
InPlant’s Modular Building Systems are known for their strength and wide spans up to 40’ without center support columns in non-load-bearing applications. Or, you can gain rooftop storage or production space with the load-bearing systems that are reinforced with recessed I-beams on 48” centers, giving a load capacity up to 125 lb per square foot.

Decking Options
The strong corrugated steel Roof Decking (24ga 8-deck) is covered with various overlay materials including OSB, plywood, tread plate and more.

Acoustical Ceiling & Lighting Fixtures
Steel decking provides strength to support the 2x4 grid ceiling with recessed lighting at various heights. The standard T8 Lighting Fixtures have an acrylic lens cover. And, specialized lighting may be easily incorporated into your InPlant Modular Building.

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HEATING & AIR
A self-contained HVAC wall unit which plugs into an adjacent dedicated outlet is used in most applications. For larger buildings, we can easily provide the extra plenum space for central air ductwork.

FLOORING
Two story structures are supplied with vinyl tile as the standard finished flooring for the upper level. Carpet or other flooring may be used. Lower story flooring is not an integral part of the modular structures. Flooring options are available and can be laid after building installation.

STAIRS & RAILINGS
Accessories such as Prefabricated Stair Systems, Ladders, Handrails, and Gates are available. Engineered drawings and specifications will be supplied for approval.

ELECTRICAL
Electrical components are mounted in the Building System during installation. Standard circuit breaker panels consist of 125A panels with 70A main breakers, and may be upgraded as needed. Single pole and 3-way switches as well as duplex and other outlets are provided in a standard layout. Individual breakers are 15A, and quantity of breakers are sized depending on the electrical needs of the building. Electrical wiring, conduit, communication cables, and light bulbs are to be provided by a electrician or technician on site.

InPlant offers a modular wiring option that simply snaps together, linking all the pre-wired lights and outlets back to the junction box near the load center.
STEEL CONSTRUCTION BUILDING SYSTEMS

Advantages: Steel is more economical over aluminum construction, and can be painted in standard neutral tones or matched to the custom colors of your Wall Panels. The 3” Steel Wiring Studs have accessible and concealed electrical wiring tracks on both the interior and exterior of each post, with friction fit cover plates on both sides for access to wiring.

VERSATILE STEEL SYSTEM .................. 1.75SP
with 1 3/4” 16 Gauge Steel Wiring Studs
This economical option is constructed with 16 gauge galvannealed steel. The 1 3/4” Wiring Studs have load-bearing strength to accommodate a reasonably sized second story, or the sturdy rooftop can be used for storage up to 125 lb per square foot.

STANDARD STEEL SYSTEM .................. 3SP-20
with 3” 20 Gauge Steel Wiring Studs
For single-story applications, this 3” 20 gauge steel, non-load-bearing system, gives you the full benefit of using InPlant’s deeper 3” Wall Panels which allows you the option of using the best Noise Controlling or sound insulation Wall Panels. This system is ideal for interior Wall Partitions, In-Plant Offices or Equipment Enclosures.

HEAVY-DUTY STEEL SYSTEM .................. 3SP-16
with 3” 16 Gauge Steel Wiring Studs
The Heavy-Duty Steel Building System is InPlant’s strongest load-bearing system and uses a 3” 16 gauge steel Wiring Stud. It carries the heaviest load and is used in our larger two-story prefabricated buildings. It is also capable of providing the widest, column-free room span – up to 40 feet when used in non-load-bearing applications.

InPlant’s Steel Building System includes:

- Steel Wiring Studs • Friction-fit Steel Cover Plates
- Corner Posts • Wall Starters • Ceiling Cap & Trim
- Floor Track • Black Vinyl Base Molding

Standard Neutral Finish Options:
- Painted White, Gray, Beige to match Vinyl Coverings,
  or FRP Wall Panels

Custom Steel Finish Option:
- Painted to match Wall Panel custom paint selection

ALUMINUM CONSTRUCTION BUILDING SYSTEMS

Advantages: Aluminum is a maintenance-free and moisture resistant choice. It offers a sleek look in controlled environmental rooms with snap-in cover plates. It’s durable with high thermal values in outdoor environments. This system is excellent for FDA regulated food processing plants, cleanroom laboratories, and temperature monitored production rooms.

LIGHT-WEIGHT ALUMINUM SYSTEM .......... 1.75AP
with 1 3/4” Anodized Aluminum Wiring Studs
The Light-Weight Aluminum System is an economical and eco-friendly selection for environmentally controlled modular rooms. The 1 3/4” Aluminum Wiring Stud is non-load bearing, and suited for single-story, washdown applications, and sensitive Equipment Enclosures that do not require high thermal values.

ALL-PURPOSE ALUMINUM SYSTEM ............. 3AP
with 3” Anodized Aluminum Wiring Studs
This sturdy All-Purpose Aluminum System offers the most diverse building usage – with the load-bearing strength of 3” Aluminum Wiring Studs to accommodate a second floor or roof storage, and hold 3” Wall Panels that provide a wider range of thermal values.

This 3” sturdy weather-resistant aluminum is featured in our Pre-Assembled Guard Shacks and other exterior Booth applications.

InPlant’s Aluminum Building System includes:

- Wiring Studs • Snap-in Aluminum Cover Plates
- Corner Posts • Wall Starters • Ceiling Cap & Trim
- Floor Track • Black Vinyl Base Molding

Standard Aluminum Finish Options:
- Satin Anodized or Painted

The Cover Plates in the Wiring Studs are cut to open sections for outlets and switches.
**Specialized Wall Panels**

Wall Panels are either 1 3/4" or 3" thick, depending on your Building System selection. They consist of an inner core and outer layer, composed of materials to control your environment. The core options are expanded polystyrene, or rock wool sound insulation for more sound control.

**Painted Gypsum Wall Panels**

Our Gypsum Wall Panels have excellent noise control and insulation qualities, and are non-combustible with a class 1 fire rating. Also, if paired with the Steel Building System, both will be painted to match with our standard paints or your custom paint selection.

Advantages: The Painted Gypsum Panel is the most popular choice because it is easy to repair and can be painted with any custom color at the factory, just like residential drywall.

Custom Paint Color or Standard Neutral Colors: White, Gray, Beige

**Vinyl Faced Gypsum Wall Panels**

Featuring an additional 6 mil vinyl covering, your Gypsum Wall Panel provides more noise control with non-combustible qualities. Selecting a vinyl covering adds a durable and cleanable surface.

Available in three colors.

Colors: White, Gray, Beige

**Steel Faced Wall Panels**

InPlant’s durable steel surface option provides safety when enclosing hazardous equipment. We laminate 24 gauge galvanized steel either directly to the foam core material, or to the standard Gypsum Wall Panel for additional sound attenuation. For the most noise control, steel is laminated over our Soundstop Wall Panel core.

Steel Faced Wall Panels are painted the color of your choice.

Custom Paint Color or Standard Neutral Colors: White, Gray, Beige

**Fiberglass Reinforced Plastic (FRP) Faced Wall Panels**

FRP Faced Wall Panels are our low maintenance solution. FRP can be laminated over gypsum directly to the foam core. This water-resistant material is mainly used as a moisture barrier in cleanrooms, labs, and restrooms. It’s an excellent choice to handle any tough environment.

FRP has an embossed texture that comes in three neutral colors, or in a smooth white surface.

Colors: White, Gray, Beige

**Hardboard Wall Panels**

Our most economical solution. Hardboard clad in 6 mil vinyl is available in both 1 3/4" and 3" Modular Building Systems.

Colors: White, Gray, Beige

**Cement Board Wall Panels**

For outdoor buildings, InPlant created a panel using cement board that is extremely durable and weather resistant. The Cement Board Wall Panel is paired with our 3" Anodized Aluminum Building System to handle sun exposure, varying temperatures and driving rain. Exterior cement board is laminated directly to an insulating foam core and painted.

Pre-Assembled Buildings are designed up to 8 feet wide by 20 feet long for transportation, or can be built larger if required.

Custom Paint Color or Standard Neutral Colors: White, Gray, Beige

### Advantages:

- **Fiberglass Reinforced Plastic (FRP) Faced Wall Panels**
  - Recommended Soundstop Wall Panel surfaces include painted FRP. FRP Faced Wall Panels are our low maintenance solution. FRP can be laminated over gypsum directly to the foam core. This water-resistant material is mainly used as a moisture barrier in cleanrooms, labs, and restrooms. It’s an excellent choice to handle any tough environment.
  - FRP has an embossed texture that comes in three neutral colors, or in a smooth white surface.
  - Colors: White, Gray, Beige

- **Hardboard Wall Panels**
  - Our most economical solution. Hardboard clad in 6 mil vinyl is available in both 1 3/4" and 3" Modular Building Systems.
  - Colors: White, Gray, Beige

- **Cement Board Wall Panels**
  - For outdoor buildings, InPlant created a panel using cement board that is extremely durable and weather resistant. The Cement Board Wall Panel is paired with our 3" Anodized Aluminum Building System to handle sun exposure, varying temperatures and driving rain. Exterior cement board is laminated directly to an insulating foam core and painted.
  - Pre-Assembled Buildings are designed up to 8 feet wide by 20 feet long for transportation, or can be built larger if required.
  - Custom Paint Color or Standard Neutral Colors: White, Gray, Beige

### Wall Panel System Options:

- **Doors & Framed Openings** may be designed to fit your production requirements.
- **Windows** come pre-framed in standard or custom sizes.

### Security Construction

We offer bullet and blast resistant materials, along with the ability to fully integrate with security cameras, access control doors and more.
Fast Production & Delivery
To begin the customization process, you may email or fax InPlant a sketch, call to explain your project, or visit our website and fill out the Request a Free Quote form. You will receive a call from one of our Dealers in your area who is available for site visits. Standard quotations are returned quickly and include descriptive details.

Upon placement of your order, detailed CAD drawings are produced promptly for your approval. After you’ve okay-ed the drawings, the manufacturing process takes approximately 4 to 6 weeks. Your system will be shipped by motor carrier and will arrive in a few days. This means your InPlant Office System could be installed in approximately 5 to 7 weeks after your standard order is placed.

Guidance Through Installation
InPlant’s nationwide Rep and Dealer network of material-handling specialists will fulfill your order, from project management to installation, or provide simple oversight as required.

Your Modular Office, Building, Wall Partition or Equipment Enclosure will be safely packaged to ship on pallets. Your Modular Building will arrive with a complete packing inventory list, a detailed CAD drawing, and Modular Office Installation Instructions with a required tools list. A forklift with a 3,000 lb capacity and extended forks is required for off-loading.

Let InPlant’s team create an office solution to fit your needs. Contact InPlant Offices to consult, get a free quote, or locate a Local Dealer to assist you.