The safety of your patients and your staff matter as you handle the surge in demand for appropriate space to heal patients affected with COVID-19.

HGA and The Boldt Company have partnered to provide a self-sustaining, modular solution with hospital quality care.

- The STAAT Mod™ system is the only prefabricated solution that has true Airborne Infection Isolation rooms as optional components.
- The STAAT Mod™ prefabricated solution allows Airborne Infection Isolation Room (AIIRs) modules to be deployed inside a convention center or other structure.
- The STAAT Mod™ is designed to serve as either a self-sufficient, stand-alone facility, or where readily available to connect to existing infrastructure and eliminate infrastructure modules.
- The STAAT Mod™ can be ordered direct, or purchased through your construction manager, or government agency.
- Financing options are available through Boldt Holdings.

EXPERT TESTED MAXIMIZE VALUE QUICK IMPLEMENTATION
The features of the Airborne Infection Isolation Room (AIIRs) are driven by Evidence-based Design research that have been proven to increase staff and patient safety and improve clinical outcomes in the areas of infection control, work efficacy, deployment, visibility, and well-being.

Expert-tested in virtual reality simulation by:

- Lean Process Engineers
- Critical Care Nurse trained in COVID-19 protocols
- Hospital Environment Specialist in Infection Control

**CRITICAL TO QUALITY DESIGN FEATURES**

The CDC recommends Airborne Infection Isolation Rooms (AIIRs) rooms for infectious patients undergoing aerosol-generating procedures. Private rooms with dedicated air handling are best practice when possible as this virus is spread via respiratory droplets or from droplet contact on surfaces. [CDC guidelines](https://www.cdc.gov).

**Exterior windows** reduce staff stress, improve staff well-being and improve job satisfaction. Exterior window could be used for emergency contact with family.

**Fixed medical gases** provide access to ventilators, cardiac and vital monitoring and respiratory treatment at the headwall.

**The 15’ wide room orientation** provides adequate space for bed transfers and portable chest x-ray.

**Doffing Zone** allows removal and disposal of contaminated PPE, with hand wash prior to entering clean corridor.

**Donning Station** in alcove allows for hand washing prior to donning PPE equipment and entering room.

**Viewing window and door** into patient room from the corridor reduces mortality rates.

**Mobile carts** with medical supplies for direct patient care and patient charting. Supplies and additional charting alcoves are also provided outside the room in clean zone.
CARE SCENARIOS

The design provides ample space to provide care with access to equipment. The isolation room also provides enough clearance around the bed to safely transfer a patient and reduce staff injuries. A key element to patient recovery is the recliner in the room. Getting the patient vertical improves clinical outcomes and shortens length of stay, with the added benefit of optimizing room utilization.
HIGHLY ENGINEERED ISOLATION ROOM

The private isolation (AIIRs) room is a highly engineered product. The HVAC system has a HEPA-filtered closed-loop system with 100 cfm of exhaust per room creating true airborne isolation. This greatly reduces chance of patient to patient transfer and risk of additional infections to patients with comorbidities. Negative pressure protects staff in adjacent work areas outside room.
The prefabricated, modular approach is a proven concept we have used in the construction of outpatient clinic facilities for many years. This module is produced in the controlled environment of a factory by trained construction professionals, assuring a high-quality result.

We care about the health and safety of you, your patients and our team as well. The factory work has been redesigned to a lesser density to maintain 6’ distance and follow additional COVID-19 sanitation, health and safety protocols. Health verification in effect at any office, fabrication, or installation site.

PREMANUFACTURED QUALITY, PORTABILITY

The overall size of the two-room module is the largest dimension able to be shipped commercially anywhere in the country, enabling a quick delivery from time of order to delivery on your site. While we are building your specific order, we will be on-site preparing for the arrival and speedy assembly of your modules into an operational medical facility.
HOSPITAL QUALITY KIT OF PARTS

The component parts come together to form a system with the same care quality as a hospital.

THE UNIT

Each two-room isolation module, or three bed open-bay alternate, connects in sets of four to create either an 8-bed isolation room unit or 12-bed open bay unit, respectively. The units are then integrated and complete with toilet rooms, charting stations, and soiled utility.

THE TIER

Two units are then assembled with ancillary space as the connective tissue to create 16-room units or 24-bed negative pressure “wards” into each tier. Each tier is self-sufficient to meet care requirements. Additional tiers can be incrementally added to create a larger self-sustaining system.
PRACTICAL APPLICATION 1:
INTERIOR ISOLATION WITHIN SYSTEM OF CARE

DESCRIPTION
Each two-room isolation module comes equipped with medical gases and HVAC, plumbing and waste holding tank, electrical panel to accept normal and emergency power, and pre-wired for IT connections. Requirements at the site include base building systems to provide conditioned outside air for heat rejection and ventilation, connections to water, normal and emergency power, and IT backbone infrastructure.

COST & SCHEDULE
These are rapid response, quick-ship solutions. Pricing is dependent on quantities ordered, available infrastructure, and location of delivery. Please call for more detailed information.
PRACTICAL APPLICATION 2: CONNECTED TO EXISTING HOSPITAL INFRASTRUCTURE

DESCRIPTION

Modules are combined to create a system of care that extends your hospital capacity. Where you have existing utilities, we will access and thus reduce the need for additional infrastructure modules. Note: Where services are not available, those can be provided.

Two 8-bed isolation room units, or two 12-bed open bay units, or a combination of each, are combined through a central spine of ancillary modules to create a “Tier”.

The Tier comes equipped with:

- Air Handlers
- IT and Infrastructure Rooms
- Meds/Nourishment and Clean Utility Rooms
- Intake and Shipping and Receiving Rooms
- Staff Support and Administrative Rooms
- Equipment and Nurse Collaboration Rooms

Requirements at the site include connections to a central utility plant that provides water, normal and emergency power, IT backbone, med gases, and sanitary sewer.

COST & SCHEDULE

These are rapid response, quick-ship solutions. Pricing is dependent on quantities ordered, available infrastructure, and location of delivery. Please call for more detailed information.
In scenarios where there is not an opportunity to connect to existing utilities, we can provide them. Water connection at the site is preferred, but water can be provided at additional cost, if needed.

Two 8-bed isolation-room units, or two 12-bed open bay units, or a combination of each, are combined through a central spine of ancillary modules to create a “Tier”.

The Tier comes equipped with all the ancillary and support spaces listed in the connected version, plus:
- Normal and Emergency Power Generators
- Medical Gases
- Supply Water
- Holding Tank for Sanitary

These are rapid response, quick-ship solutions. Pricing is dependent on quantities ordered, available infrastructure, and location of delivery. Please call for more detailed information.
BOLDT FINANCING OPTION

1. Assume investment grade entity; either directly or through conduits
2. 1-5 years interest-only payment; perhaps longer if needed
3. Interest rate directly applied to cost of the build and any other cost associated with the unit(s)
4. Annual interest rate as low as 3.5%; actual rates quoted on case by case basis
5. Fully repayable at maturity
6. Accommodations made for option to amortize cost over the useful life

FOR MORE INFORMATION

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