



MODULAR PROCESS CONTROL BUILDINGS

Modular process control buildings from Principal Technology Inc. (PTI) are a flexible solution for providing process automation and control as well as power distribution to remote industrial sites or oil and gas processing facilities. Pressures to reduce staff levels for onsite operations coupled with the increasing sophistication

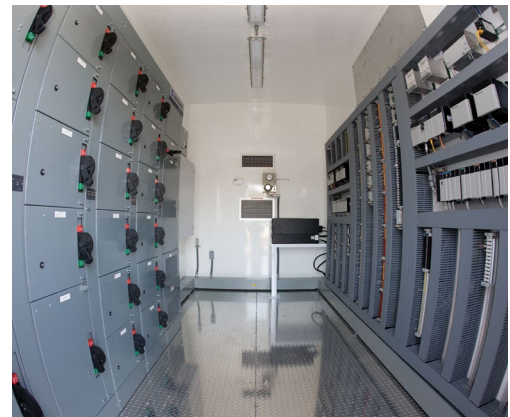
and expense of automation and control equipment make modular structures a smart choice to house and protect sensitive process and automation controls. These buildings are also an excellent means to add control room capabilities to processing facilities where existing climate controlled space is minimal.

Principal Technology engineers, manufactures, assembles, and wires its modular E-buildings in a clean, modern factory environment with the highest quality control standards in place.

With over 15 years of experience engineering and fabricating E-Buildings as a component to our own processing systems, we also offer these solutions to customers. You can provide the equipment to be installed, or PTI can be the single source for the entire solution, from design to installation and commissioning.

Principal Technology Modular E-buildings:

- Range from 10 to 13 feet wide, 10 feet high and up to 30 feet long or more
- Can be combined to create larger control rooms and accommodate more equipment
- Are available in multiple configurations
- Include all the required equipment in place
- Are fully tested in the factory
- Ship “plug-and-play” ready to the installation site
- Are fully operational after placement and connection to power and field instruments
- Can be used as a shelter for many products and purposes
 - Power Equipment Centers
 - Switchgear
 - Motor Control Centers
 - Variable Frequency Drives (VFD)
 - PLC
 - Analyzer Shelters
 - Personnel Shelters
 - Pumps
 - Valves
 - Generators
 - Air Compressors





Modular is the Smart Choice

The ability to bring a modern control room environment, rather than merely installing an outdoor control enclosure or site-built structure, to a processing site makes E-buildings from Principal Technology an excellent choice. The modular structures protect expensive control equipment from theft or vandalism as well as the deteriorating effects of the weather while providing a shelter for operators and maintenance staff. Large E-buildings are a cost effective method to add control room capacity to an existing processing plant with limited space or where on-site construction might be disruptive or hazardous. The flexibility to locate control equipment close to your process reduces load cable lengths for lower-cost wiring runs.

Modularization provides virtually endless possibilities for control room configuration, size and future expansion while taking advantage of modern factory-based manufacturing processes.



STANDARD FEATURES

- Constructed of 2", 4" or 6" pre-insulated, interlocking modular wall and roof panels
- Structural insulated panels are constructed of 20 gauge aluminized steel
- Durable construction to withstand the harshest Environments
- HVAC systems to maintain optimal temperatures
- 3/16" Diamond plate aluminum floors
- White, 3 mil powder-coated panels
- Fully removable door and transom sections for serviceability and equipment removal/installation
- Interior and exterior lighting
- Convenience receptacles
- Lighted Exit signs
- Removable lifting lugs
- 20 gauge 3070 doors with panic hardware

AVAILABLE FEATURES & SERVICES

- Purging and pressurization for installation in hazardous areas
- Self-contained power generators for remote installations
- Built-in UPS backup systems
- Cellular signal boosters, satellite antennas and wireless network access
- Control station with operator interface terminal
- Windows
- Stairs & Platforms
- Site Prep, Commissioning, and field service
- Ongoing service and support
- Maintenance and repair

BUILT TO APPLICABLE INDUSTRY STANDARDS

- ANSI
- NEC
- NEMA
- IEEE
- NFPA
- AWS
- UL

