



FEDERAL SERVICES



www.ptius.com
(208) 785-2274
government@ptius.net

 **PREMIER**
Technology, Inc.



Engineering, Fabrication & Field Services



Premier Technology, Inc. is a trusted supplier of custom fabricated equipment for the Department of Energy, Department of Defense and other domestic and international government agencies. From environmental remediation of legacy waste to cutting edge research, Premier is committed to supporting critical missions of the United States government, its prime contractors, and international partners.

Premier's experience includes the successful delivery of more than 1,000 projects under our ASME NQA-1 program and is able to meet various quality assurance programs through a "crosswalk" with NQA-1. Premier is also the first company in history to receive ASME NQA-1 certification.

From design-build to build-to-print, our experienced personnel and extensive capabilities ensure that your project team includes a world class fabrication partner.

Core Capabilities:

- Engineering
- Design
- Fabrication
- Machining
- Non-Destructive Examinations
- Electrical Wiring & Programming
- Instrumentation & Controls
- Integration
- Testing
- Industrial Coatings
- Installation and Field Services

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Gloveboxes



Premier Technology has been an industry leading supplier of custom gloveboxes for more than two decades. Over the past five years, Premier has dedicated more than 500,000 hours to the manufacturing, integration, and testing of gloveboxes. Members of our team are actively involved in industry associations such as the American Glovebox Society and serve on the Standards Development Committee and the Board of Directors.

Core Capabilities

- Engineering
- Design
- Fabrication
- Machining
- Non-Destructive Examinations
- Electrical Wiring & Programming
- Instrumentation & Controls
- Integration
- Testing
- Industrial Coatings
- Installation Support

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Hotcells



Premier Technology has designed and built dozens of radiation shielding hotcells for both domestic and international customers. Our clients include DOE laboratories, universities, and medical isotope producers. To date, Premier Technology hotcells are in use on four continents.

From engineering, design, and manufacturing in our facility to installation and commissioning at your facility, our in-house experts will ensure that your custom hotcell meets all your expectations. Our hotcells include a proprietary interlocking lead brick design to improve seismic stability and mitigate the chance of any shine paths. For applications where lead is not an option, stacked steel plates with offset hole patterns can be used.

Integration:

- Manipulators
- Transfer systems
- Furnaces
- Packaging systems
- Autoclaves
- Custom Equipment

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Radiation Shielding Windows



Premier Technology is an industry leading provider of lead shielding windows. To date, we have provided more than 100 windows for government and commercial projects. Whether you are in need of windows for a new hotcell, are replacing existing oil filled windows with dry windows, or just need routine maintenance, Premier has the in-house resources needed to get the job done.

The Premier advantage:

- All activities, including engineering, design, fabrication, machining, and testing are done in-house under Premier's certified NQA-1 program.
- Buy American Act compliance
- Installation and field services are performed by experienced craftsmen and technicians

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Specialty Containers



Whether you need a single prototype of a new container manufactured for testing purposes, or a production run of several hundred containers, Premier has the capabilities and capacity to support your needs. Premier has extensive experience in SNF container fabrication, acting as the subcontract manufacturer for more than 75 SNF canisters, worth approximately \$20 million. We build numerous types of custom packaging, storage, and transportation containers including:

- NRC Type B Packages
- SNF Canisters
- Lead Shielded Containers
- Concrete Shielded Containers
- Removable Lid Canisters
- Pipe Overpacks
- Prototype Containers
- Other Custom Containers

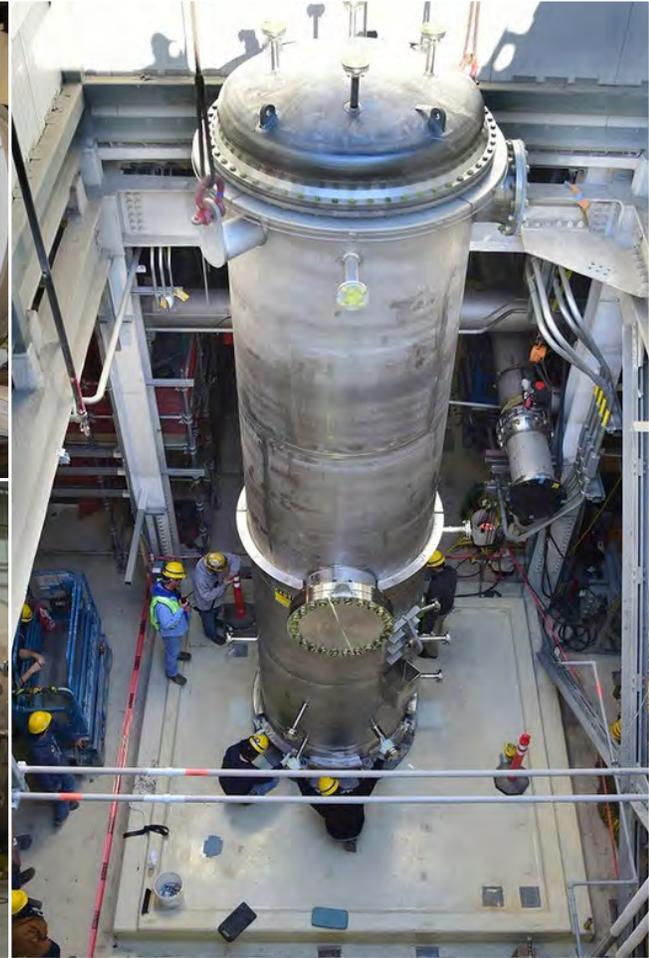
As a vertically integrated manufacturer of nuclear equipment, Premier provides comprehensive and enduring support to our customers from project conception through completion; adhering to our guiding principles of safety, quality, schedule, and cost throughout the life of the project and beyond. Whatever your need — from engineering to fabrication — Premier is ready to provide a solution to help you fabricate the future.

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Pressure Vessels



Premier Technology routinely designs and builds ASME VIII pressure vessels. We hold ASME code stamps "U" and "S" as well as a National Board "R" Certificate of Authorization.

Premier's experience includes hundreds of vessels with sizes ranging from table top to field erected vessels exceeding 100 feet in length and 18 feet in diameter. Internal engineering resources include licensed Professional Engineers experienced at performing calculations and analysis concerning pressure, nozzle loading, structural loading, thermal, dynamic analysis, seismic, natural phenomenon, and radiation shielding.

Material Types:

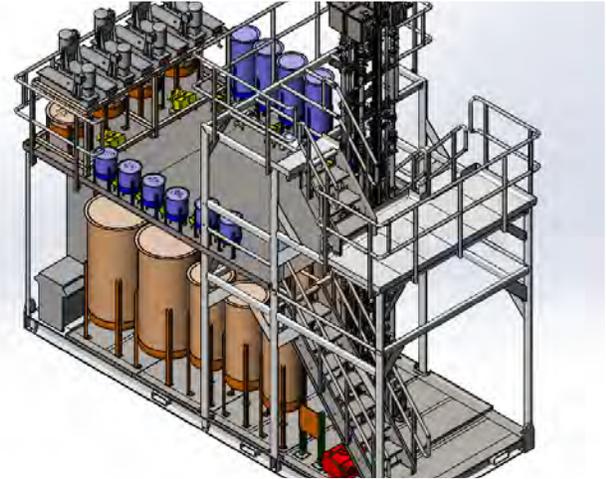
- Carbon Steel: All types including A36, A572, A588, and others
- Stainless Steel: All type 300 series
- Titanium
- Hastelloy® C-22, C-276
- Inconel®
- AL6XN®

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Skids & Construction Modules



Premier Technology has designed, manufactured, tested, and delivered more than 100 custom skids for a variety of nuclear and commercial applications. Our in-house capabilities include engineering, design, fabrication, machining, non-destructive examinations, instrumentation and controls integration, testing, industrial coatings, and installation and field services.

Sample Experience:

- Pressurized Test Loops
- Test Beds
- Pilot Plants
- Modular Processing Systems
- Construction Modules

Sample Applications:

- Chemical Processing
- Air Handling Systems
- Radioactive Substance Recovery
- Emergency Response
- Power Generation
- Hazardous Material Confinement
- Support Services for Field Operations
- Transfer Stations

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Concrete Embedments



Premier Technology has produced more than 30,000 individual NQA-1 concrete embedments over the last 20 years. Premier has served as a primary supplier and, on occasion, as the only supplier of embeds for several large construction projects, including:

- Hanford Waste Treatment Plant
- Blue Grass Chemical Agent-Destruction Pilot Plant
- Y-12 National Security Complex Uranium Processing Facility

Premier has provided both carbon steel and stainless embeds, from simple plates with Nelson studs, to complex embedments such as door frames and window frames.

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