The US Military

An iFortress Case Study

When faced with making a decision, the US Military chose iFortress.

A military branch of the US Government required a Sensitive Compartmented Information Facility (SCIF) that needed to be rapidly deployed, modular, and scalable to be accredited in accordance with the current ICD 705/ICS 705.1 standards. It also needed to be a facility that could potentially be relocated at some point in the future. The solution would be deployed within an existing building, would have to maintain its anonymity – draw no outward attention to activity or purpose of space during assembly, and mandate zero disruption to existing operations. The function of the facility required that it be impervious to unauthorized physical and electronic access, while ensuring a safe, healthy and comfortable working environment.

Checking all the boxes

iFortress was "organically" equipped to meet the multi-level performance and security requirements for building a fully accredited SCIF for the U.S. Government and its military. The consistency of its well-documented manufacturing process negated any concerns about non-conformity in materials, product, and the assembled solution. By incorporating standard Z-ducting and filtering practices through the system's standard wall panels, iFortress was able to provide an exceptional level of sound and RF attenuation without compromising the quality of the interior working environment. The heavy duty panel interlocking system, cameras and biometric scanners maximized security from a physical standpoint. iFortress supplied its own qualified technicians to ensure the project's success from start to finish.

"Electronic espionage is a silent threat that is taking place every second of the day, attacking our country from the inside out. The need for the type of secure facility that iFortress can provide is huge."

- Nick Bruno,
Director of Sales Critical Power Group

Partners in Protection

iFortress partnered with manufacturing representative Critical Power Group (CPG), a leader in computer room support equipment including power distribution, protection and backup and a supplier of best-in-class products for mission critical data center environments. Tasked with fulfilling the mechanical and electrical requirements of conducting power and airflow in and out of the SCIF in a secure manner, CPG sourced its network of top-rated suppliers to create custom design electromagnetic filters to mask electronic signatures and incorporate baffled ductwork for optimum sound attenuation.

There is no stone left unturned or threat unexplored when it comes to meeting the security requirements of the US military. When given the opportunity to provide this SCIF, we were confident that our precise and well-documented manufacturing specifications, competitive price, dedicated iFortress team of professionals and rapid deployment capability would distinguish us from traditional "bricks and sticks", time consuming construction companies.

"Prior to award, iFortress submitted all necessary documentation for SSO review. This gave the USG immediate comfort and, once installed, the SCIF was fully accredited; the entire process, from the day iFortress arrived on site through to accreditation was finished in a matter of weeks."

Jerry Lyons, iFortress President & CEO

Dynamics of a SCIF

An iFortress Sensitive Compartmented Information Facility or SCIF is a fully engineered secured facility that can be acquired and deployed as a stand-alone structure or stood up within an existing building where classified information is processed. Each is governed by a set of directives defined by government intelligence agencies and accessible to a few select personnel. The challenge, as met by iFortress, is to provide an ultra-secure, lightweight, easily configurable assembly with uncompromising structural integrity that meets all International Building Code standards for exterior buildings, ASTM International standards for Life Safety, all DoD Survivability and Lethality standards, all ICD 705/ICS 705.1 accreditation standards, and IEEE 229 v6 standards. The capability to incorporate advanced electrical and mechanical systems to thwart both unauthorized physical and electronic access is an equal and simply accomplished imperative. In addition, the iFortress SCIF also maintains the optimum temperature and dust-free environment to accommodate information technology equipment as well as a healthy working climate for personnel. iFortress took on what traditionally would have been a cumbersome and time consuming process and delivered an accredited solution in a matter of weeks.

Project Profile

- Installation: 7 Days
- 500 Sq Ft x 9' H
- (3) Portal Penetrations (1 high voltage, 1 low voltage, 1 fresh air - Z ducting)
- Project: On Time/On Budget
- Interior Assembly/Installation
- Manufacturing: 10 weeks
- Zero Warranty Claims
- Zero Change Orders/Project Delays
- (1) iPassage STC™ Door
- Sensitive Compartmented Information Facility