



# CASE STUDY

## KEY ACHIEVEMENTS

*Fully welded steel construction throughout the unit*

*Total turn-key capability from the Whitley factory*

*All systems factory tested and operational prior to shipment*

*Full steel enclosure with security and clean agent system installed*

*4 Units complete and operational from start of design in 3 months*

*Can be outfitted with ballistic resistant materials and roof detonation shields*

American Manufactured Structures and Services (AMSS) was selected to provide global communication systems for the military. Their task on the Communications and Transmission Systems (CTS) contract was to provide design, manufacturing, and installation of modular and containerized communication shelters in support of an overall team effort.

## MILITARY COMMUNICATIONS SHELTER

AMSS looked to Whitley Manufacturing, a long term partner in the manufacturing of mission critical shelters. Whitley has a history in equipment enclosures with proven leadership in the communications industry sector.

Of the multiple systems to be produced throughout a 5 year contract period, this particular project (set of four units) was to serve as a satellite communication forward outpost. If required, the structure could be outfitted with ballistic proof materials to survive even more hostile environments. Fully welded steel construction throughout provides the rugged build needed to withstand the punishment seen in most field operations. For security, 8 shielded cameras are mounted around the perimeter for 24 hour remote surveillance, and the interior assets are protected with a clean agent fire suppression system.

In 3 months, the project was complete and ready for deployment. And with more orders coming, no two are likely to be the same. "This product is so versatile," says Joe Dipolito, General Manager for Whitley Manufacturing, PA. "It has endless accommodations based on the design given to us. And we have the capability and technical expertise to build everything from a basic enclosure to a total fit-out, done right here at our factory."



*“This product is so versatile. It has endless accommodations based on the design given to us.”*



Security system installed & tested



Clean agent system installed & tested

## KEY FACTS

**PROJECT NAME**  
MILITARY COMMUNICATIONS SHELTER

**LOCATION**  
INTERNATIONAL

**PARTNERS**  
AMERICAN MODULAR STRUCTURAL SERVICES (AMSS)

**PROJECT TYPE**  
EQUIPMENT ENCLOSURE

**BUILDING SIZE:**  
300 SQ. FT. EACH

**BUILDING UNITS:**  
4 UNITS

**SPECIAL FEATURE:**  
BALLISTIC PROOF CAPABLE, FULL STEEL CONSTRUCTION, SECURITY AND CLEAN AGENT SYSTEMS INSTALLED AND TESTED



Climate controlled environment

Project complete in 3 months