

EMP Protection

Transportable and fixed EMP-hardened solutions



CACI offers a suite of tailorable, proven solutions that safeguard vital public infrastructure and U.S. military mission-critical hardware from electromagnetic pulse (EMP) threats. Designed and manufactured in the U.S., CACI's EMP protection technology helps ensure continuity of government and civilian life in the aftermath of an EMP event. Our solutions are built to withstand harsh EMP environments and perform while meeting or exceeding MIL-STD-188-125. With more than 30 years of experience and a record of operational reliability, CACI sets the standard for EMP protection. Our suite of services includes design and installation of fixed High-Altitude Electromagnetic Pulse (HEMP) sites and infrastructure protection; mobile and transportable solutions; EMP hardening of vehicles and equipment; production and maintenance of EMP-shielded doors, cabinets, and racks; RF-testing services; and sustainment and modernization services.

For more information or to purchase, contact our EMP team at:

cacishielding@caci.com

For more information about our solutions, products, and services, visit:

www.caci.com

A *Fortune* World's Most Admired Company

EXPERTISE AND TECHNOLOGY FOR NATIONAL SECURITY

CACI
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EMP Protection

Highlights

- CACI is a leading provider of MIL-STD-188-125-compliant shielded cabinets for protection of critical electronics from HEMP effect
- ISO 9001:2015 certified
- More than 25 years of experience in HEMP mobile and transportable shelter design
- Vehicles and equipment can be HEMP hardened to customer specifications
- MIL-STD-188-125 shielding effectiveness relatable testing on a range of test article sizes; doors tested for 100,000 openings and closings

Benefits

- HEMP Longevity: CACI's HEMP-protected assets built to meet or exceed MIL-STD-188-125 throughout the asset's life cycle
- Cost-Effective: Our proven solutions can be rapidly installed and tested; doors are easily installed and replaced, have affordable replacement parts, and need less routine maintenance
- Tactical Advantage: Our shielding protects a wide range of mobile specialized systems

CACI's suite of EMP-protected products range from large, fixed infrastructure to small RF filter inserts.

Fixed Infrastructure Protections: CACI has installed facilities ranging in size from 1,000 to 89,000 square feet. We conduct in-progress testing during construction to ensure proper installation of products. We build unique shielding products such as wavepacks, shop-fabricated waveguides, and wavepack entry and exhaust pipes to aid the completion of our high-quality facilities.

Mobile and Transportable Solutions: CACI's tested, HEMP-hardened solutions include power generation systems (150kW–1.2MW), antenna packaging and transportation solutions, specialized computing transit cases, VHF/UHF/HF communication shelters, modular structures, command and control shelters, surveillance and security systems, and HVAC systems for environmental control.

EMP Hardening for Vehicles and Equipment: Our practical hardening process is designed for a wide range of vehicles. This process requires little maintenance, and meets MIL-STD-188-125 requirements.

EMP-Shielded Doors: All shielded doors CACI produces are fully MIL-STD-188-125 interlock-compliant and exceed the military standard's requirements.

EMP-Protected Cabinets and Racks: Our protected cabinets and racks can be tailored to customer specifications, and are tested to ensure they meet MIL-STD-188-125 requirements. Internal equipment is protected by our patented RF-shielded door.

RF Testing Services: CACI prepares test planning and develops procedures for all MIL-STD-188-125 testing. We use the U.S. Army's White Sands Missile Range, particularly its threat-level HEMP test facility and capability to perform MIL-STD-464 and MIL-STD-188-125 threat level illumination testing. We use an independent test service provider to accomplish MIL-STD-188-125 shielding effectiveness, pulsed current injection, and continuous wave immersion testing.

Sustainment and Modernization Services: CACI also provides a suite of sustainment and modernization services. These include applied system engineering, technology insertion, reliability engineering, logistics support and warehousing, system baseline configuration management, system documentation and training, onsite field engineering, hardness maintenance/hardness surveillance, information assurance/cyber, and depot-level repair.

This material consists of CACI International Inc general capabilities information that does not contain controlled technical data as defined within the International Traffic in Arms (ITAR) Part 120.10 or Export Administration Regulations (EAR) Parts 772 and 774. (approved 02/18/2020)



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CACI's 23,000 talented employees are vigilant in providing the unique expertise and distinctive technology that address our customers' greatest enterprise and mission challenges. Our culture of good character, innovation, and excellence drives our success and earns us recognition as a *Fortune* World's Most Admired Company. As a member of the *Fortune* 1000 Largest Companies, the Russell 1000 Index, and the S&P MidCap 400 Index, we consistently deliver strong shareholder value. Visit us at www.caci.com.

Worldwide Headquarters

1100 N. Glebe Road, Arlington, VA 22201
703-841-7800

Visit our website at:

www.caci.com

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