

Installation Protection Program (IPP) Family of Systems

INVESTMENT COMPONENT

Modernization
Recapitalization
Maintenance

MISSION

To provide an effective chemical, biological, radiological, and nuclear (CBRN) protection, detection, identification, and warning system for military installations.

DESCRIPTION

The Installation Protection Program (IPP) will allow DoD installations to effectively protect personnel and critical operations against a chemical, biological, radiological, and nuclear (CBRN) event, to effectively respond with trained and equipped emergency personnel, and to ensure installations can continue critical operations during and after an attack.

IPP uses a tiered approach of government and commercial off-the-shelf capabilities optimized for an installation. The Baseline Tier provides a foundation for installations

to maintain a standard level of preparedness for a CBRN incident. This tier consists of non-materiel solutions that address military-civilian interoperability, system architecture, policy, doctrine, training, and administration. It includes joint training products, planning templates, Mutual Aid Agreement templates, and exercise templates and scenarios. The IPP Portal (IP3) makes these solutions available through Joint Knowledge Online (JKO) and Army Knowledge Online (AKO) at <https://www.us.army.mil/suite/page/449823> or through a link on the Joint Acquisition CBRN Knowledge System (JACKS) website at <https://jacks.jpeocbd.osd.mil>.

Tier 1 focuses on enhancing an installation's existing emergency responder capabilities and enables an installation to prepare, respond, and transfer the mission after a CBRN attack. Tier 1 installations are critical to the overall accomplishment of the national military strategy or installations that provide combat service support. Tier 1 includes all Baseline Tier capabilities and adds individual protective equipment

for emergency responders and first receivers; portable radiological and chemical detection equipment; portable biological collectors with analysis and identification laboratory support; personal dosimeters; hazard marking and controlling equipment; medical countermeasures for first responders/receivers; mass casualty decontamination showers and tents; mass casualty litters and support equipment; mass notification systems; an incident management system; and new equipment training and field exercise support.

Tier 2 applies to installations hosting one-of-a-kind, critical strategic missions or capabilities. The objective of Tier 2 is to provide installations with the capability to prepare, react, and continue critical missions or capabilities without significant interruption. The Tier 2 capability package includes Baseline and Tier 1 capabilities plus fixed chemical detectors for warfare agents and toxic industrial materials/chemicals; fixed biological collectors with analysis and identification laboratory support; radiological monitoring equipment for

entry controllers; collective protection for one of a kind strategic assets (up to 3,000 square feet); and a decision support system of software tools and networked sensors.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **4QFY09:** Completed 31 additional installations

PROJECTED ACTIVITIES

- **4QFY10:** Complete 18 additional installations
- **4QFY11:** Complete 16 additional installations
- **4QFY12:** Complete 16 additional installations

ACQUISITION PHASE

Technology Development	Engineering & Manufacturing Development	Production & Deployment	Operations & Support
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CBRN IPP

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FOREIGN MILITARY SALES

None

CONTRACTORS

Science Applications International Corp.
(SAIC) (Falls Church, VA)

AIE:

Computer Sciences Corp. (CSC)
(Falls Church, VA)



CHEMICAL. BIOLOGICAL. RADIOLOGICAL AND NUCLEAR INSTALLATION PROTECTION PROGRAM

