



Decontamination Family of Systems

DFoS

Description

Programs established under the DFoS management umbrella will improve decontamination processes by developing, maturing and fielding materiel solutions to mitigate the hazards associated with chemical, biological and non-traditional warfare agent and radiological contamination on personnel, equipment, fixed facilities, terrain, vehicles, ships and aircraft. The current programs under the DFoS umbrella include Joint Sensitive Equipment Wipe (JSEW), General Purpose Decontaminants (GPD), and Contamination Indicator Decontamination Assurance System (CIDAS).

Mission

JSEW will provide immediate/operational decontamination capabilities for sensitive equipment in hostile and non-hostile environments that have been exposed to chemical and biological contamination.

GPD will provide thorough decontamination capabilities for tactical vehicles, shipboard surfaces, crew-served weapons and individual weapons in hostile and non-hostile environments that have been exposed to chemical and biological contamination. GPD will also provide an immediate/operational chemical decontamination capability for aircraft exterior.

CIDAS will provide support during pre- and post-decontamination operations to indicate the presence of chemical contamination on tactical vehicles, shipboard surfaces, crew-served weapons and individual weapons in hostile and non-hostile environments.

Capabilities

- JSEW will provide a sensitive equipment decontamination capability, capable of removing gross decontamination within five (5) minutes. JSEW is lightweight and operable by all individuals of all military specialties, will not present uncontrollable safety hazards to equipment or personnel and will be compatible with fielded tactical point detectors.
- GPD will provide thorough chemical and biological decontamination capabilities for HME and immediate/ operational decontamination capabilities for AE. GPD will not degrade the operational effectiveness of HME or AE and will not present any uncontrollable safety hazard to equipment and personnel.
- CIDAS will indicate the exact presence of Nerve and Blister agents at low concentrations during pre- and post-decontamination operations. CIDAS will not degrade the operational effectiveness of Hardened Military Equipment (HME).

Users

USSOCOM, US Navy, US Marine Corps, US Coast Guard, US Army, US Air Force

Status

Technology Development - Anticipated Fielding: FY 2016 Q2

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