



Joint Biological Standoff Detection System Increment 2

JBSDS 2

Description

The JBSDS Increment 2 system will provide 24/7 near real time standoff detection (Detect to Warn), and will network with existing BD systems to provide early warning theater wide to limit the effects of biological agent hazards against U.S. forces at the tactical and operational levels of war. The JBSDS Increment 2 can be employed in support of various areas (e.g., fixed sites, Air Ports of Debarkation/Sea Ports of Debarkation, Forward Operating Bases, amphibious landing sites, etc.) on platforms or stationary vehicles. JBSDS Increment 2 will pass detection information and warnings through existing and planned communications networks (e.g. JWARN).

Mission

The JBSDS Increment 2 will be used in conjunction with point detectors such as Joint Portal Shield, Joint Biological Point Detection System (JBPDs), Joint Biological Tactical Detection System (JBTDS) and the Biological Integrated Detection System (BIDS). It will provide 24-hour operations for stand-off detection, ranging, tracking, discrimination of BW aerosol clouds for advanced warning, reporting and protection and will be integrated with the global information network. Commanders may integrate information from intelligence, meteorological, radar, medical surveillance, local area operations and other available assets to increase force protection, mitigate the consequences of biological hazards and maximize combat effectiveness.



Capabilities

- Improved false alarm rate
- Improved detection sensitivity
- Reduced size, weight and power consumption

Users

US Marine Corps, US Army, US Air Force

Status

N/A

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