

Joint Biological Tactical Detection System (JBTDS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides a tactical, lightweight, battery-operated, biological warfare agent (BWA) system capable of detecting, warning, and presumptively identifying and collecting samples for follow-on confirmatory analysis.

DESCRIPTION

The Joint Biological Tactical Detection Systems (JBTDS) will be a lightweight, man-portable, battery-operated system that detects, warns, and provides presumptive identification and sample collection of BWA to provide near-real-time detection of biological attacks and hazards in the area of operation. It will have a local alarm and be networked to provide cooperative capability with reduced probability of false alarms. JBTDS will be employed organically at the battalion and lower levels by non-chemical, biological, radiological and nuclear personnel in tactical environments across multiple operational locations (e.g. forward operating bases, operationally engaged units, amphibious landing sites, air base operations, etc).

JBTDS will ultimately support force protection and maximize combat effectiveness by enhancing medical response decision making. When networked, JBTDS will augment existing biological detection systems to provide a theater-wide, seamless array capable of detection and warning.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **1QFY12-4QFY12:** Continued Technology Development effort

PROJECTED ACTIVITIES

- **1QFY13:** Preliminary Design Review
- **3QFY13:** Milestone B decision
- **4QFY14:** Operational Assessment

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

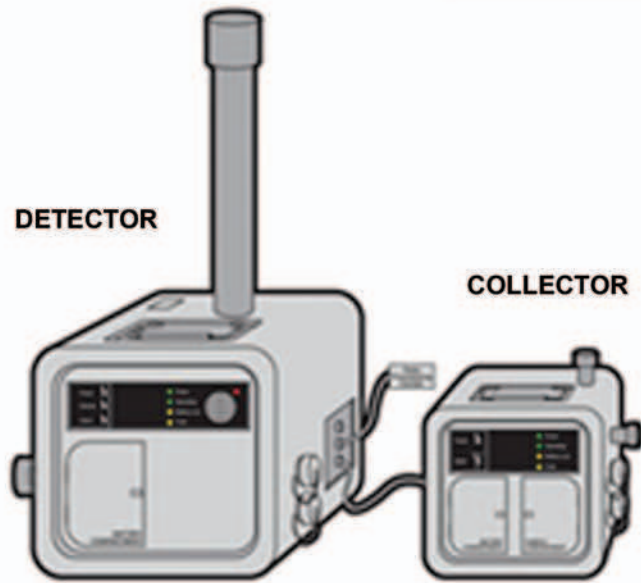
Operations & Support

**Joint Biological Tactical
Detection System (JBTDs)**

FOREIGN MILITARY SALES
None

CONTRACTORS
To be determined

NOTIONAL CONCEPT



**MANUAL
IDENTIFIER**

