



◆ UNCOMPROMISING INTEGRITY ◆ RESPECT FOR ALL ◆ COMMITTED TO EXCELLENCE ◆ ALWAYS READY ◆

JPEO-CDRND

JPM CBRN SENSORS OVERVIEW

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Timothy G. Tharp
Joint Project Manager CBRN Sensors

PROGRAMS EXECUTED ON BEHALF OF THE CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM

P.A.I.D. U.P.

PEOPLE
first

ADAPT
to the Joint Force's needs

INTEGRATE
layered CBRN defense

DELIVER
on our commitments

UNITY
of command/effort

PIVOT
to incremental capability



MISSION AND VISION

ENABLING OUR WARFIGHTERS TO FIGHT AND WIN



MISSION

Provide integrated layered Chemical, Biological, Radiological and Nuclear (CBRN) defense capabilities to the Joint Forces across warfighting functions and combined Joint All-Domain Operations.

VISION

A resilient Joint Force enabled to fight and win unencumbered by a CBRN environment; championed by innovative, agile, results-oriented acquisition professionals.



MISSION

Deliver sustainable CBRN sensor capabilities to the Joint Force, enabling an integrated defense safeguarding warfighters' lives and proactively countering weapons of mass destruction.

VISION

Provide integrated, layered sensors capability to enable unencumbered protection of the Joint Force and the Nation to fight and win in any domestic and global CBRN battlespace.



JPM CBRN SENSORS PORTFOLIO

DEVELOP, FIELD AND SUSTAIN CBRN CAPABILITIES



BIOLOGICAL DETECTION SYSTEMS

Creates and sustains affordable materiel solutions for the Joint Force that accurately detect, identify, warn, deter and defeat any biological threat.

CHEMICAL DETECTION AND MOBILE ANALYTICS

Provides CBRN defense capabilities and mobile laboratories to the Warfighter.

JPM CBRN SENSORS

Responsible for research, development, acquisition, fielding and lifecycle support of Joint RND systems supporting the National Military Strategy.

Deliver CBRN reconnaissance capabilities that enable assessment of CBRN hazards from mounted and dismounted platforms.

RADIOLOGICAL NUCLEAR DEFENSE

RECONNAISSANCE AND PLATFORM INTEGRATION

Develop disruptive capabilities that deter and create dilemmas.



BIOLOGICAL DETECTION SYSTEMS

Detect, identify, warn, deter and defeat any biological threat.



EMBD
Enhanced Maritime
Biological Detection



JBPDS
Joint Biological Point
Detection System



JBTPDS
Joint Biological Tactical
Detection System



JHBI
Joint Handheld Bio-Agent
Identification



NSIS
Non-Targeted Sequencing
Identification System

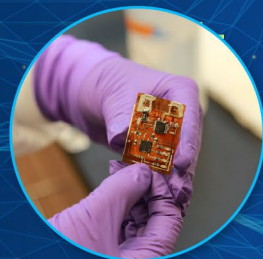


CHEMICAL DETECTION AND MOBILE ANALYTICS

Develop, field and sustain chemical threat detection and mobile analytic capabilities to enable CBRN defense and response missions.



AVCAD
Aerosol and Vapor
Chemical Agent Detector



CIND
Colorimetric
Indicator



CVCAD
Compact Vapor
Chemical Agent Detector



JCAD
Joint Chemical Agent
Detector



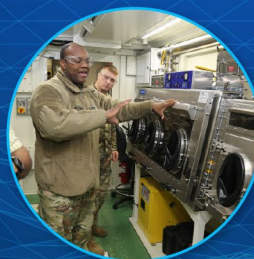
PCAD
Proximity Chemical Agent
Detector Non-Trace



ALS MOD
Analytical Laboratory
System Modification



CALS FC ACS
Common Analytical Laboratory
System Field Confirmatory
Analytical Capability Set



CALS FC IS
CALS FC
Integrated System



CALS TV IS
CALS
Theater Validation
Integrated System



UCS
Unified Command
Suite



RADIOLOGICAL NUCLEAR DEFENSE

Identify, detect, deter and enable an integrated defense that safeguards warfighters against radiological and nuclear threats.



ARND FoS
Advanced Radiological,
Nuclear Detection
Family of Systems



JPD-I
Joint Personal
Dosimeter –
Individual



MRDS
Man-Portable
Radiological
Detection System



RDS
Radiological
Detection
System



RIID
Radio Isotope
Identification
Detector



VIPER
Vehicle Integrated
Platform Enhanced
Radiation Detection,
Indication and
Computation



RECONNAISSANCE AND PLATFORM INTEGRATION

Integrate CBRN sensors on combat and robotic platforms and inform commander decisions.



CBRN DRS

Chemical Biological Radiological
Nuclear Dismounted
Reconnaissance System



CSIRP

CBRN Sensor
Integration on
Robotic Platforms



NBCRV SSU

Nuclear, Biological, Chemical
Reconnaissance Vehicle
Sensor Suite Upgrade



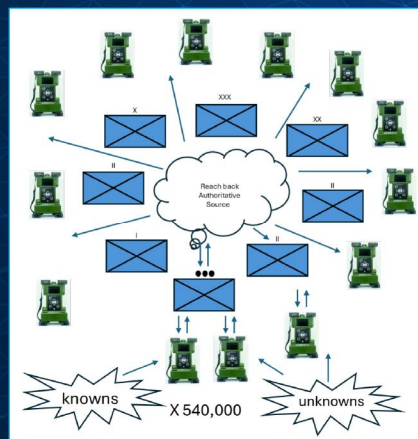
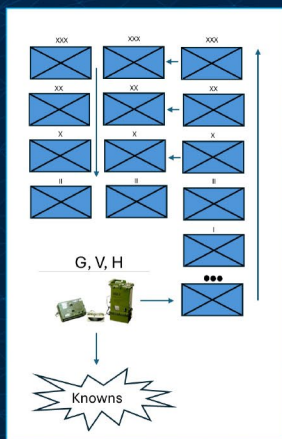
SOM

Screening
Obscuration
Module

FUTURE OF JPM CBRN SENSORS



Prepare to Inform



Future Sensing

Prioritize SWaP/Logistics Drivers



Far-Forward Sensing

CONTACT

Mr. Timothy Tharp

Joint Project Manager

Chemical Biological Radiological Nuclear Sensors

410-652-7683

timothy.g.tharp2.civ@army.mil

www.jpeocbrnd.osd.mil



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