



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

JPEO-CBRND

NDIA CONFERENCE

26 June 2024

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Joint Program Executive Officer for
Chemical, Biological, Radiological and Nuclear Defense

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



BROAD SPECTRUM



Effective across multiple threats, offering a frontline defense and buying time to deploy targeted MCMs

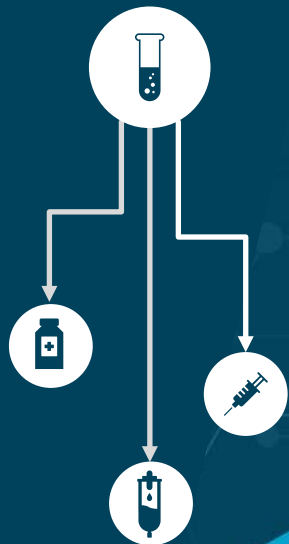
Differential diagnostics

Quickly determine best initial treatment, until threat is characterized



General-use MCMs

First-line treatment and supportive care, until targeted MCMs can be deployed or developed



MEDICAL STRATEGY

Develop medical countermeasures to protect against and treat exposure to CBRN threats

TARGETED



Understand, mitigate, and protect warfighter against prioritized threats with highly specific tests and MCMs



Accelerated Antibodies

VAMP

GUIDE

Programs of Record	Endpoints	Upfront costs
Tier 4	Food and Drug Administration (FDA) licensure	
Tier 3	Interim fielding capability	
Tier 2	Ready to file with the FDA	
Tier 1	Candidate validation	
	Computational & preclinical data package	

Repurposed MCMs

Symptomatic or host-immune targeted treatment



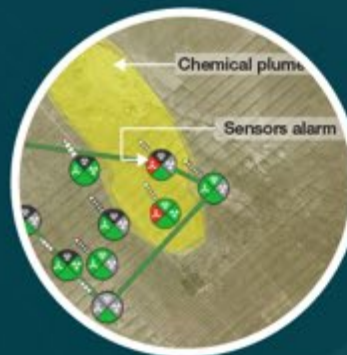
EXPLOIT RAPID RESPONSE CAPABILITIES

Respond faster to the unknown



NETWORKED

Leverage data, engineering, and software to connect capabilities



CBRN Support to Command and Control (CSC2)



UNENCUMBERED

Develop smaller, lighter, more portable capabilities



Uniform Integrated Protection Ensemble Family of Systems General Purpose (UIPE FoS GP)



AUTONOMOUS

Provide capabilities that quickly and effectively detect and mitigate



Joint Personal Dosimeter-Individual (JPD-I)

DELIVER ACTIONABLE INFORMATION

Respond faster to the unknown

PORTFOLIO EXAMPLE: JPM CBRN SENSORS

Task Organize Around Next Generation Sensors



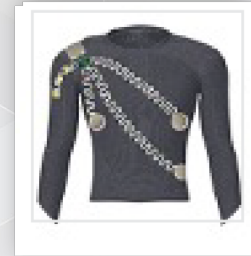
CYBER • COMMON INTERFACE • PLATFORM AGNOSTIC • POWER MANAGEMENT • SMALLER • LIGHTER • S&T TECH-INFORMED



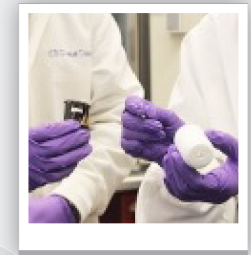
Networked



Integrated Sensors

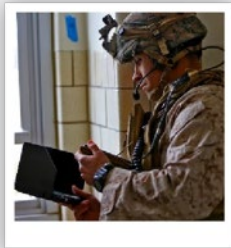


Smart Shirt

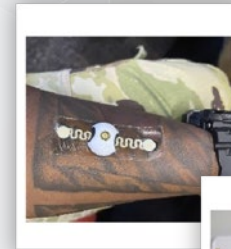
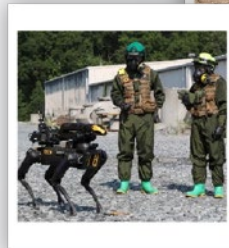


Microsensors

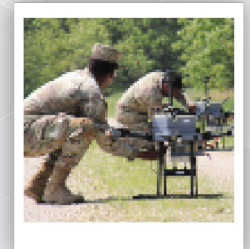
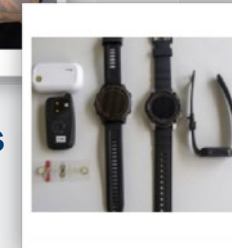
Man-Machine Teaming



Unmanned Ground Vehicles



Wearables



Unmanned Aerial Vehicles

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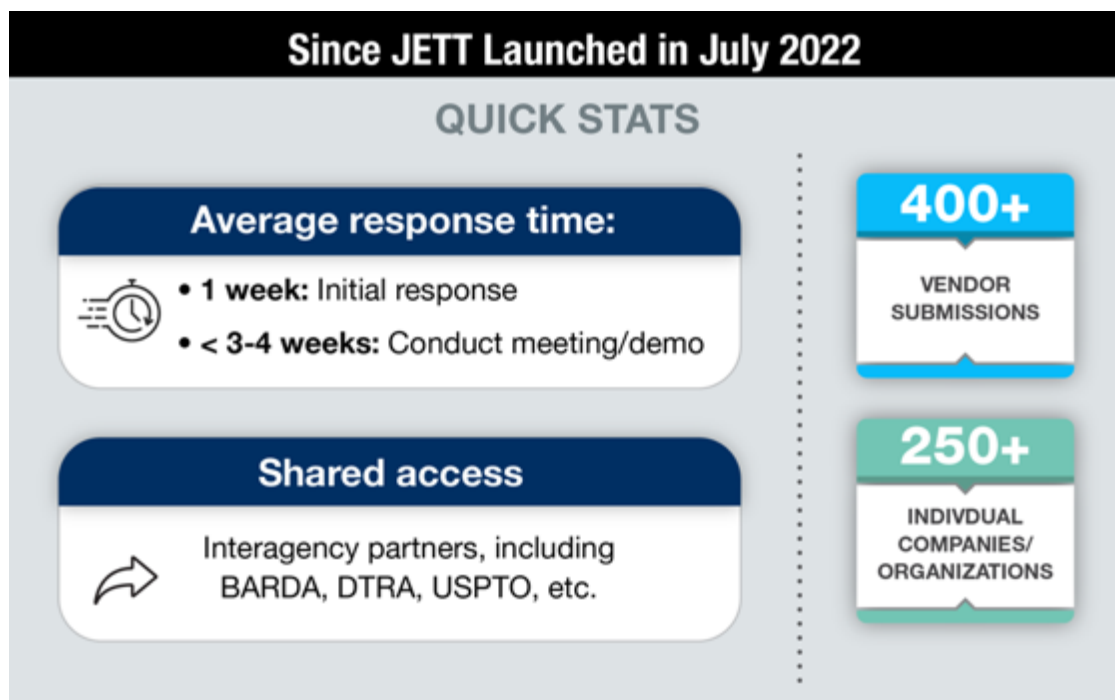
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JOINT ENTERPRISE TECHNOLOGY TOOL (JETT)

Connect Directly with the JPEO-CBRND

- » Web-based industry engagement tool
- » Connects companies to appropriate points of contact based on answers to a short questionnaire
- » Cross-enterprise access facilitates collaboration among and with government organizations



WWW.JPEOCBRND.OSD.MIL/WORK-WITH-US



WORK WITH US

WWW.JPEOCBRND.OSD.MIL/WORK-WITH-US

JETT
Joint Enterprise Technology Tool

Your conduit for doing business with the Joint Program Executive Office (JPEO)

Register to get started
Submitting the form will send an email to your inbox with further instructions.

Full Name	Company Name
Email Address	Phone Number
Product Name	Underlying Technology Name

Will you allow us to share with other, related U.S. Government agencies?
 Yes No

How did you hear about us? (Check all that apply)

Conference Social Media Website Colleague JPEO Staff Other

I acknowledge I read the [Privacy Statement](#).

SUBMIT