



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

CPE CBRND COMMAND BRIEF



Date

Presenter Name
Presenter Title

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, incremental, and
innovative capability

DELIVER
on our commitments through
risk-informed decisions

UNITY
of command/effort

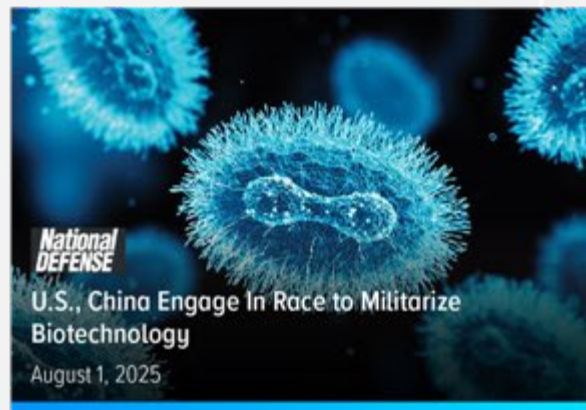
PIVOT
to Capability Portfolio
Management



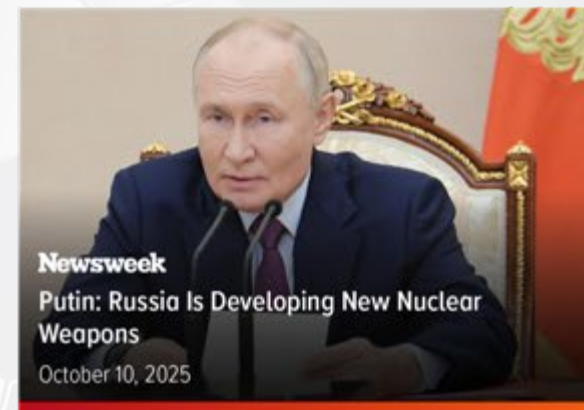


WE FACE A COMPLEX THREAT ENVIRONMENT

KNOWN THREATS



EVOLVING THREATS



« We must prepare for and respond quickly to the full spectrum of chemical, biological, radiological, and nuclear threats »

WHO WE ARE AND WHAT WE DO



CPE CBRND

MISSION: Provide integrated layered Chemical, Biological, Radiological, and Nuclear Defense capabilities to the Joint Force across warfighting functions and Combined Joint All-Domain Operations.

VISION: A resilient Joint Force enabled to fight and win unencumbered by a chemical, biological, radiological, or nuclear environment; championed by innovative, agile, results-oriented acquisition professionals.

UNDERSTAND

PROTECT

MITIGATE

ENABLE



CBDP

MISSION: Anticipate and deter future threats by developing and delivering timely chemical and biological (CB) defense capabilities that enable a resilient Joint Force to prevail in CB-contested environments and protect the nation.

VISION: An agile, warfighter focused Enterprise that generates decisive chemical and biological defense advantages to maximize deterrence and defend the nation.

Support CBRN Integrated Layered Defense/Deterrence by denying our adversaries any advantage to using CBRN weapons

WHERE WE FIT

UNCLASSIFIED



*The Joint CBRN Defense Program Analysis and Integration Office (PAIO) supports the CBDP by providing analysis and advice to inform senior leader decision-making.



CPE CBRND ORGANIZATION LEADERSHIP

UNCLASSIFIED



Capability Program
Executive
Ms. Nicole Kilgore
Executive Assistant
Ms. Carol Keyes



Interim Deputy CPE
Mr. Wyatt Ulrich



Chief of Staff
Mr. Gordon Graham



Director of Acquisition &
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CBRND Enabling
Biotechnologies
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Deputy
Ms. Nicky Dorsey

Executive Assistant
Ms. Nehemirah Maxwell

Fort Detrick, MD

CPE CBRND PORTFOLIO OVERVIEW



86 Acquisition Efforts • FY26 CDBP Proposed Budget: \$1.036B (\$615M RDTE; \$421M PROC)

FY26 Army Proposed Budget: \$116.6M (\$26.9M RDT&E and \$89.7M Proc)

JPM CBRN PROTECTION

► COLLECTIVE



► INDIVIDUAL



► DECONTAMINATION



JPM CBRN MEDICAL

► PROPHYLAXIS



► DIAGNOSTICS



► THERAPEUTICS



JPM CBRN SENSORS

► POINT/STANDOFF DETECTION



► RECONNAISSANCE



► AUTONOMOUS

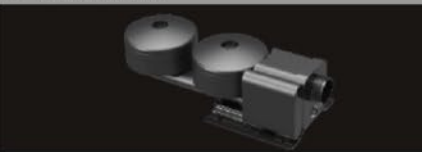


JPM CBRN SPECIAL OPERATIONS FORCES

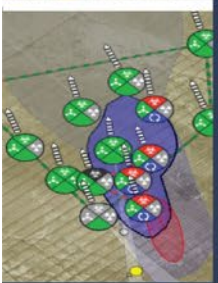
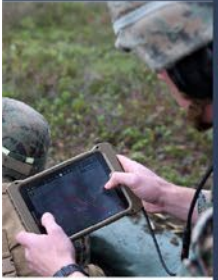
► PROTECTION



► SENSORS



JPL CBRN INTEGRATION



JPL CBRND EB



CBRN INTEGRATED LAYERED DEFENSE: EVOLVING TODAY FOR TOMORROW'S BATTLESPACE



V9.2 27-Aug 2024

SPACE

CYBER

AIR

LAND

MARITIME

ENABLE



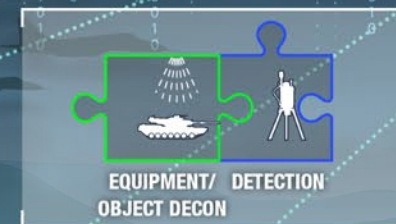
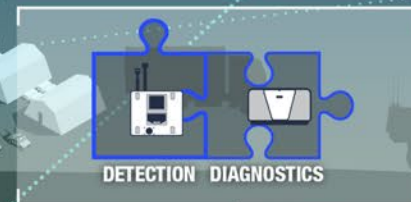
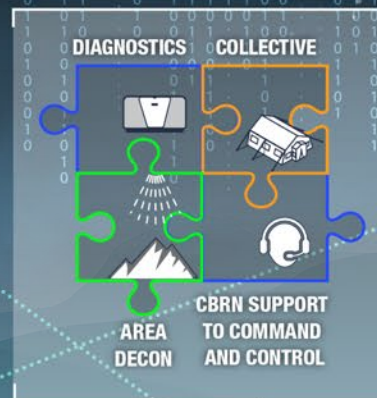
UNDERSTAND



PROTECT



MITIGATE



UNCLASSIFIED

ENABLE



• Threat, adversary intent and capability

• DOTmLPF-P

• Industry Partners

• Analyses and Assessments

CBDP CAPSTONE CAPABILITIES

Matching Capabilities To Threats, Ensuring Warfighter Lethality

STRATEGIC PRIORITY

Deliver **threat-informed, operationally relevant** chemical and biological defense capabilities at **speed and scale**.

INTEGRATED LAYERED DEFENSE

Employing CB defense capabilities across portfolios, time, and space so the **Joint Force can deter or defeat** advanced chemical and biological weapons during competition, crisis, and conflict.

INTEGRATED EARLY WARNING

- A collection of capabilities that provide the Warfighter **with battlespace awareness** and **decision advantage**.
- *Example capabilities:* Sensor integration, identification and characterization tools, CJADC2.

INDIVIDUAL PROTECTION

- Protective ensembles that enable the Warfighter to **fight through** and **limit operational impact** of CBW use.
- *Example capabilities:* Rapid prototyping of novel textiles, suits, and masks

MEDICAL RAPID RESPONSE SYSTEM

- Medical countermeasures and platforms that enable the Warfighter to **fight through** and **rapidly recover** from CB weapons.
- *Example capabilities:* Broad-spectrum MCMs, diagnostics, repurposed therapeutics, novel prophylactics

CONTAMINATION MITIGATION

- Innovative decontaminants that have potential to **increase the speed and decrease the scale** necessary to perform decontamination activities.
- *Example capabilities:* Light-weight, tactically flexible applicators and decontaminants, autonomous decontamination

ENABLERS: High Performance Computing, Experimentation, Rapid Prototyping, AI/ML



OVERVIEW OF PARTNERING VEHICLES



Awards outside of MA IDIQs and OTAs

- FAR-based awards of legacy components
- Small Business Innovative Research (SBIRs)

MCDC & CWMD OTAs:

- Inspires technical innovation and expedited awards
- Expands industrial base to "Non-Traditional" Defense contractors
- MCDC PoP through 2036
 - \$16.7B ceiling
- CWMD through 2027
 - \$10B ceiling

CWMD BOTAA

- Broad Other Transaction Authority Announcement (BOTAA) for prototype and follow-on production projects
- Announcement open through 2029

Army Open Solicitation (AOS)

- Multiple solicitation authorities to include Commercial Solutions Openings (CSOs), Broad Agency Announcements

Professional Support Services through OASIS+

- Professional Support across 6 business areas
- Task Order PoPs vary (base + options)

Logistics and sustainment MA IDIQ

- Contractor Logistics Support (CLS) & performance-based logistics, training, sustainment, acquisition logistics
- PoP through 2030; \$907M ceiling

Research, Development, & Production MA IDIQ

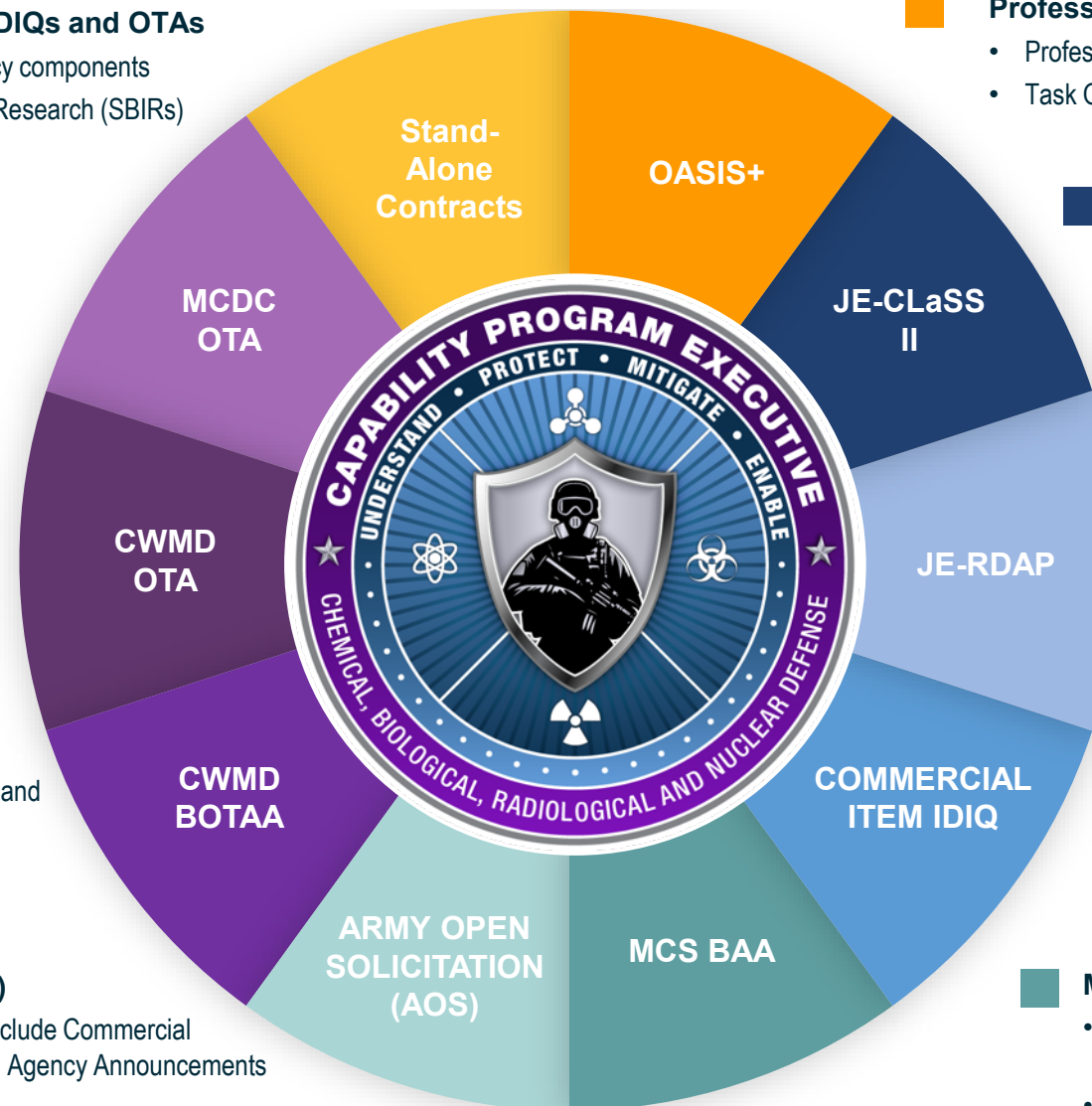
- Research, development, production, procurement, fielding, and initial sustainment
- PoP through 2027; \$8.27B ceiling

Commercial Item IDIQ

- CBRN-defense commercial items, equipment, and ancillary training
- PoP through 2030; \$500M ceiling

Medical Countermeasures BAA

- Flexible Broad Agency Announcement (BAA) leading to contracts, grants, cooperative agreements, OTAs, and TIAs
- Announcement open through 2027



The content of this briefing is for informational purposes only and is subject to change. It does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal and is not a commitment by the government to purchase products or services.

JOINT ENTERPRISE TECHNOLOGY TOOL (JETT)



Connect Directly with the CPE 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

Since JETT Launched in July 2022

QUICK STATS

Average response time:



- **3-5 days:** Initial assignment notification
- **< 5-7 weeks:** Conduct meeting

Shared access



Interagency partners

750+

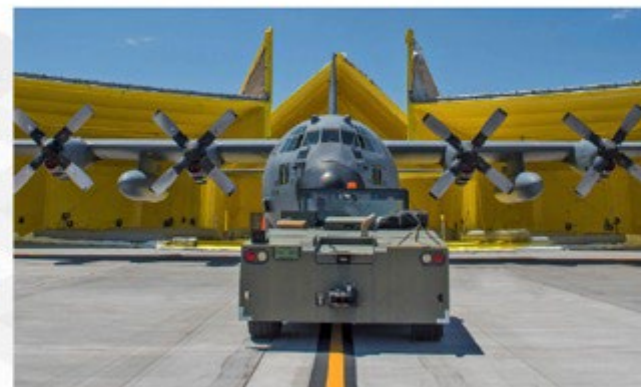
**Vendor
Submissions**

JETT - YOUR CONDUIT FOR DOING BUSINESS WITH THE CPE CBRND



WORK WITH US

SERVING THE JOINT FORCE





@CPECBRND

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WORK WITH US

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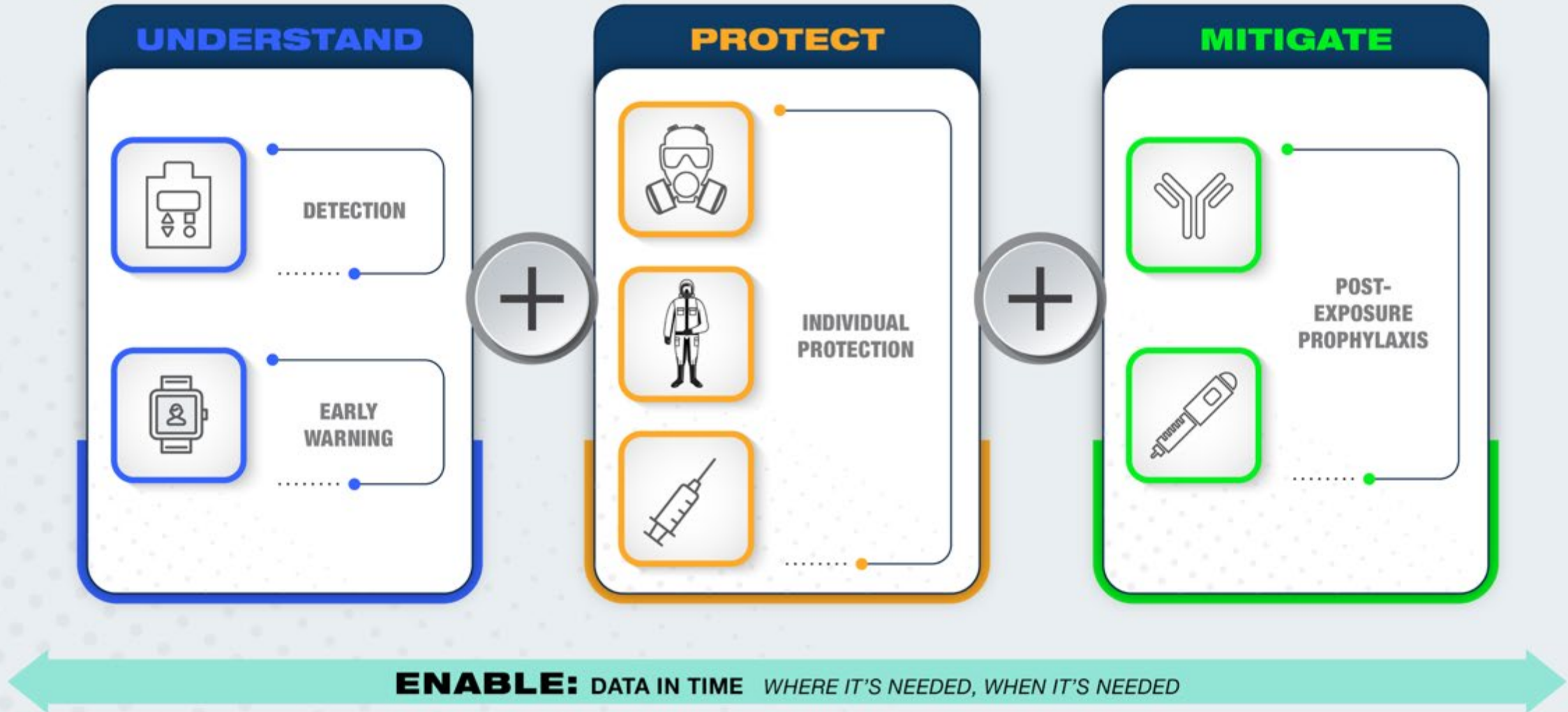


BACKUPS



CAPABILITY PORTFOLIO MANAGEMENT

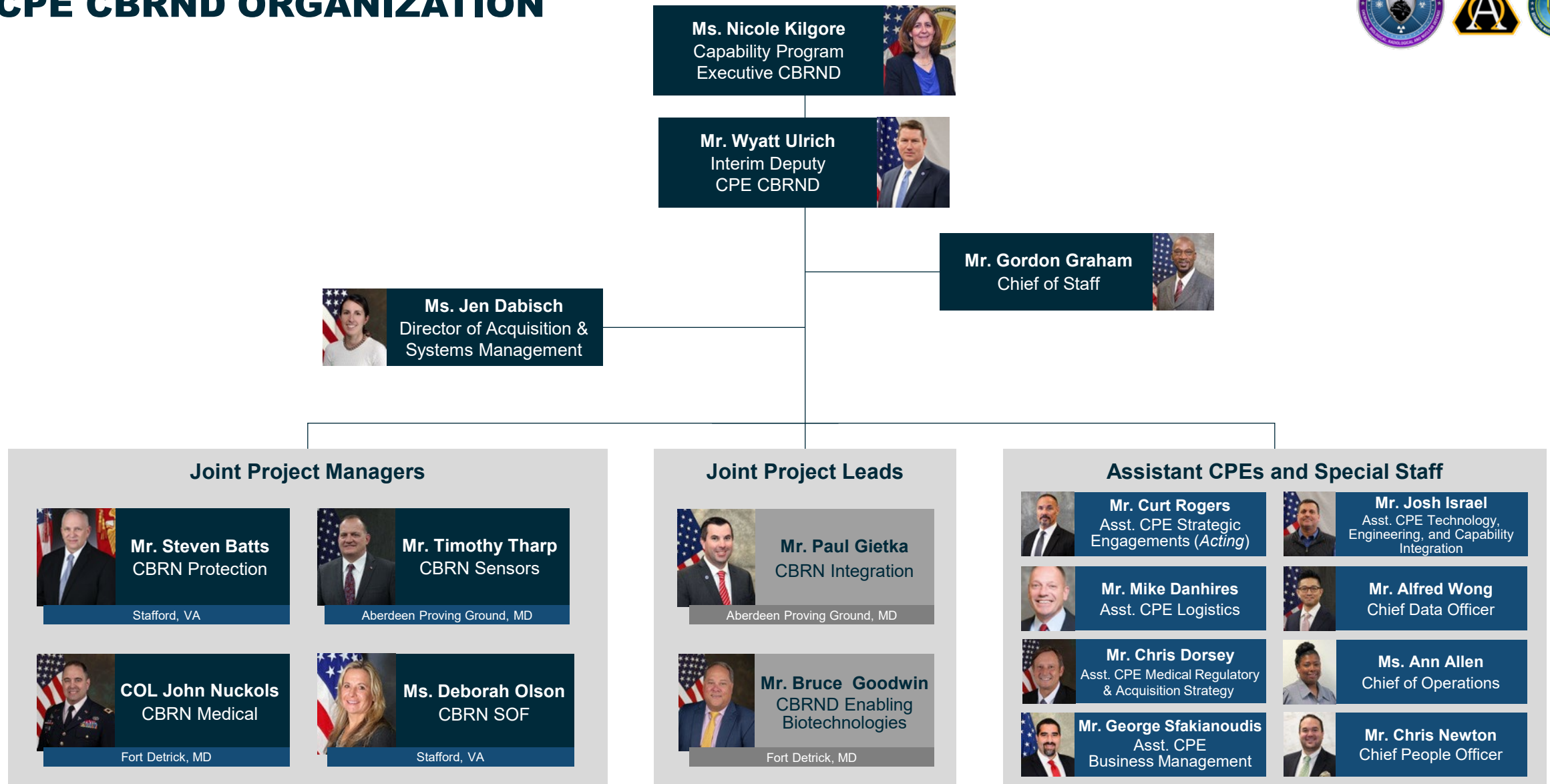
Example for Supporting Structure of CBRN Integrated Layered Defense



The capabilities we deliver combine to support CBRN Integrated Layered Defense



CPE CBRND ORGANIZATION



P.A.I.D. U.P. APPROACH TO ADVANCE OUR MISSION



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



PEOPLE

first



ADAPT

to the Joint
Force's needs



INTEGRATE

layered,
incremental,
and innovative
capability



DELIVER

on our
commitments
through
risk-informed
decisions



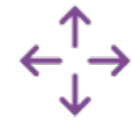
UNITY

of command/
effort



PIVOT

to Capability
Portfolio
Management

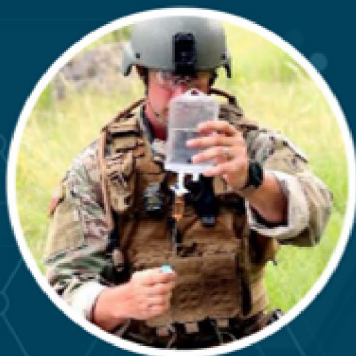




BROAD SPECTRUM



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



Example: A broad-spectrum antiviral can be given after exposure to multiple viral diseases to mitigate impact and spread

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



Example: A naloxone autoinjector provides immediate protection to warfighters following an exposure to opioids in the field

CBRN
Event



Traditional MCM development

Rapid Response



Capability
delivered



EXPLOIT RAPID RESPONSE CAPABILITIES

Respond faster to the unknown

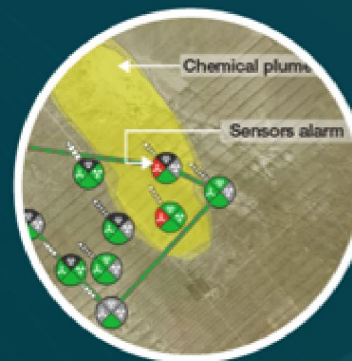




NETWORKED



Leverage data, engineering, and software to connect capabilities



CBRN Support to Command and Control (CSC2)

UNENCUMBERED



Develop smaller, lighter, more portable protective systems



Next Generation Individual Protection (NexGen IP)

PHYSICAL STRATEGY

Develop platform agnostic capabilities to provide integrated CBRN data

AUTONOMOUS



Provide capabilities that quickly and effectively detect and mitigate



Joint Personal Dosimeter-Individual (JPD-I)

DELIVER ACTIONABLE INFORMATION

Respond faster to the unknown





CPE CBRND STRATEGIC GOALS



STRATEGIC GOAL 1

Achieve CBRN Defense integration, interoperability, and interdependence across all warfighting domains and functions.

STRATEGIC GOAL 2

Foster an environment that seeks innovative enterprise solutions across industry, academia, and warfighters that is agile, versatile and efficient.

STRATEGIC GOAL 3

Provide indispensable value to the warfighter, DoW, Congress, the Nation and our allies/partners.



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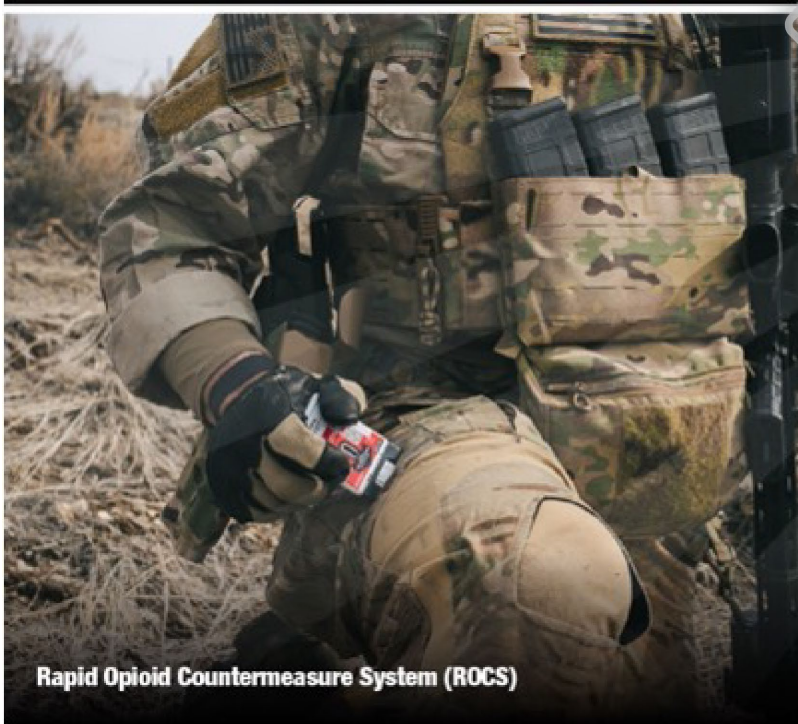


Joint Biological Agent Decontamination System (JBADS)



Joint Service Aircrew Mask for Strategic Aircraft (JSAM-SA)

**PIVOTING TO
MEET THE NEEDS
OF THE NATION**



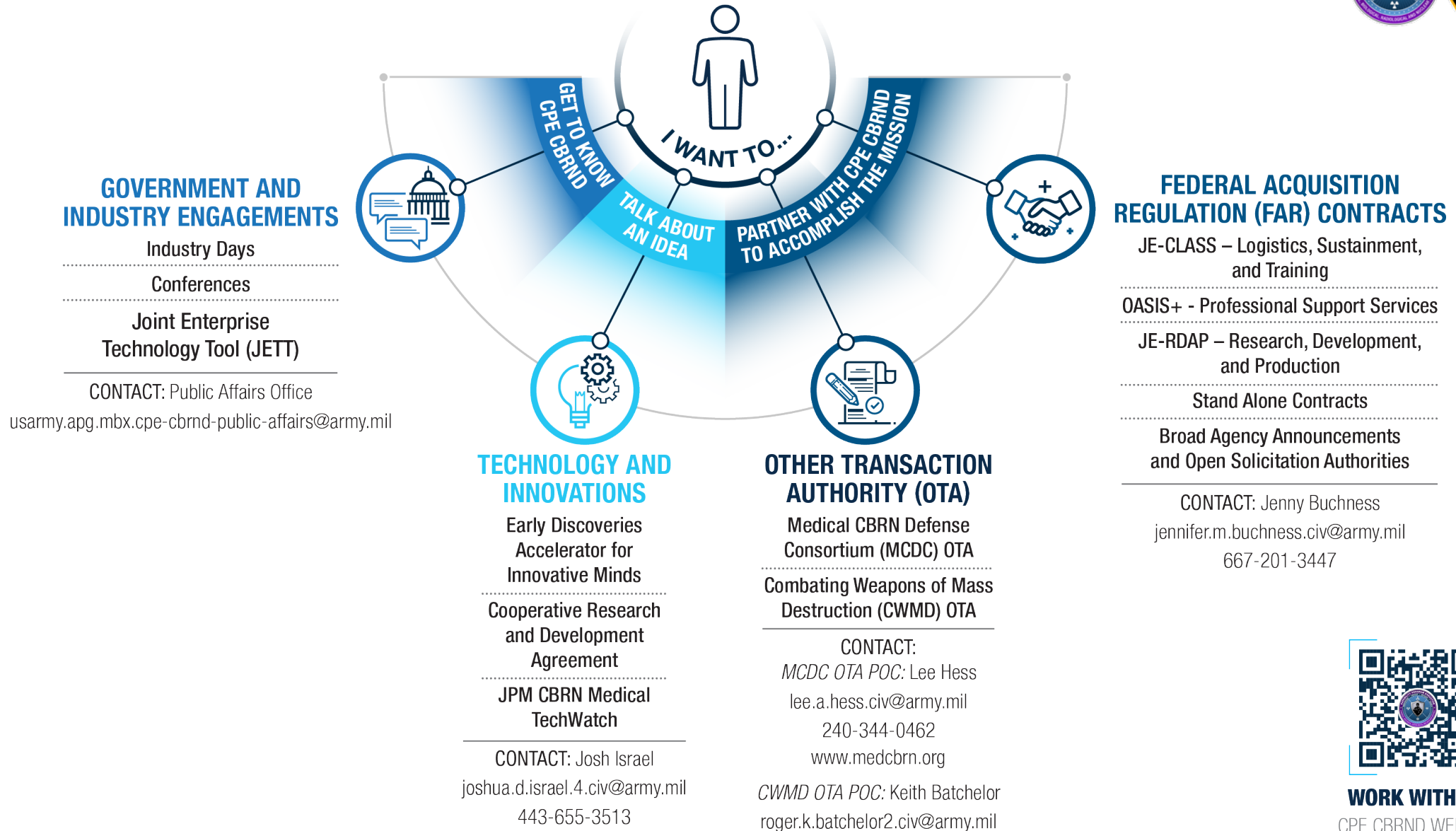
Rapid Opioid Countermeasure System (ROCS)



Nuclear Biological Chemical Reconnaissance Vehicle Sensor Suite Upgrade (NBCRV SSU)

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WORK WITH US



WORK WITH US
CPE CBRND WEBSITE