



Joint Project Manager for Collective Protection

*Presentation at the
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Protection Conference & Exhibition*

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Agenda

- **Why ColPro?**
- **Mission**
- **Vision**
- **Organizational Chart**
- **Product Directors**
- **ColPro Acquisition Programs**
- **S&T Focus**
- **Objectives**
- **Closing Remarks**



Why Collective Protection?

Hazardous environments can be created by conventional or asymmetric means --- ColPro:

- **Provides safe operational areas that:**
 - Affords shirt-sleeve environment
 - Prevents infiltration & the spread of contamination
 - Provides clean, breathable air
 - Reduces the need for decontamination
- **Typically protects areas or zones such as:**
 - Command and control
 - Medical care
 - Mission critical
 - Rest and relief
 - Weapon system control





JPM-CP Mission

In support of the National Military Strategy, research, develop, procure, field, dispose of, and provide sustainment guidance for Collective Protection equipment and systems that protect personnel and equipment within protected areas from chemical, biological, radiological and toxic industrial materials

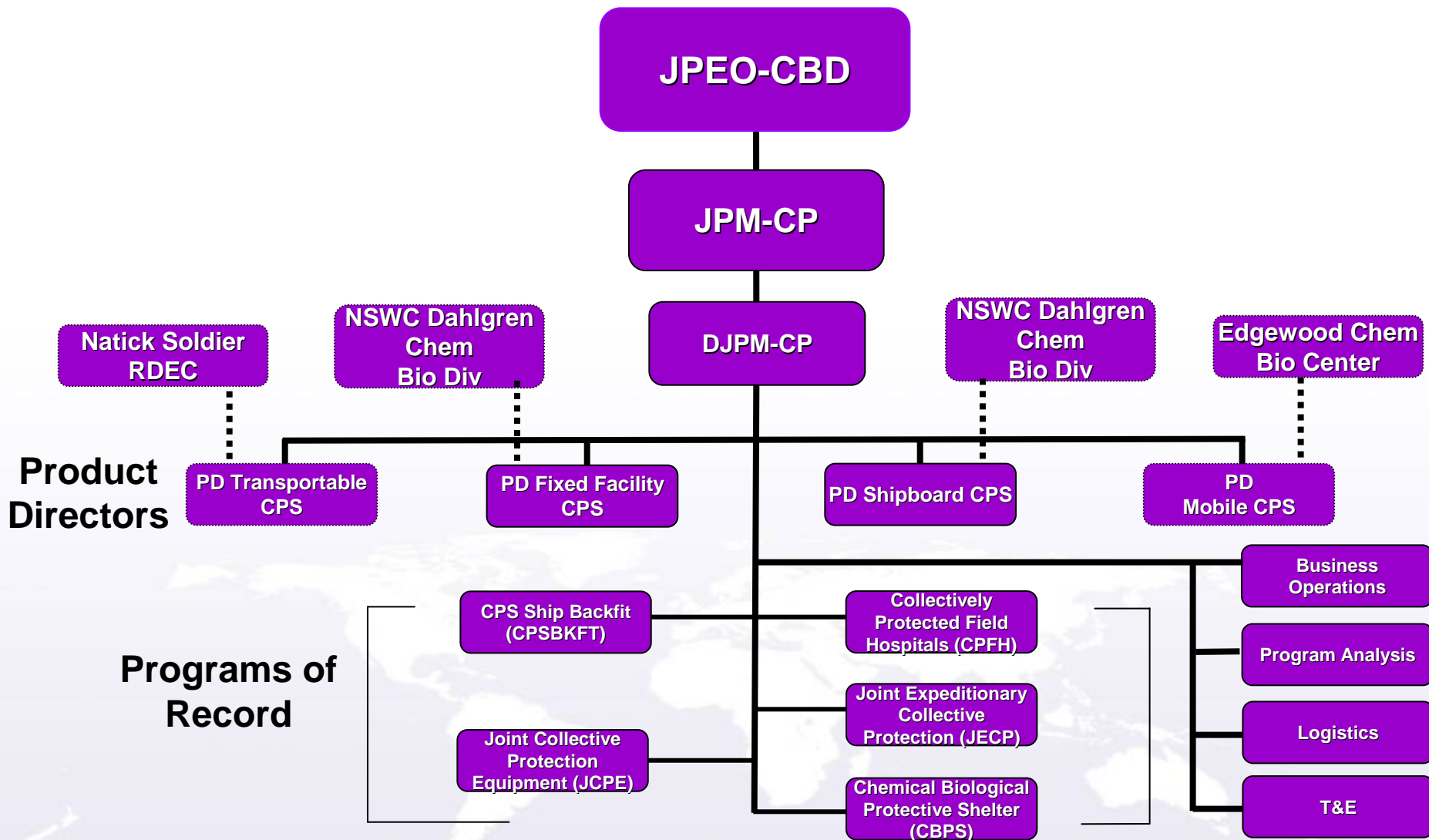


Vision

Provide collective protection to the War-fighter and their equipment in support of military missions and operations as a seamless, integrated sub-system to all manner of platform utilizing state-of-the-art chemical, biological and radiological protective technologies.



CBR Defense Collective Protection Joint PM Organization





Product Directorates

Team with Major Defense Acquisition Programs to become their “go-to” resource to deliver ColPro as a fully integrated component of their platforms.

Mobile Collective Protection Systems

Protection for capital assets such as tracked and wheeled vehicles

Shipboard Collective Protection Systems

Protection for capital ships such as destroyers and the amphibious fleet

Transportable Collective Protection Systems

Protection for assets such as field hospitals, tactical command posts, soft and hard shelters

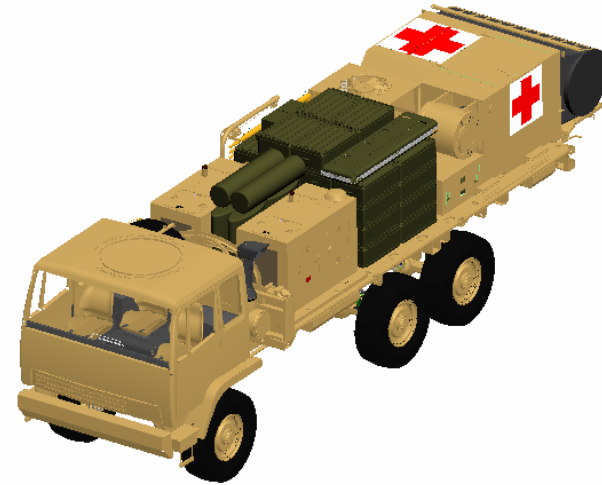
Fixed Collective Protection Systems

Protection for critical facilities and/or discrete critical areas within facilities

Current ColPro Programs

1. Chemical Biological Protective Shelter (CBPS)

- New up-armored variant with expanded capabilities
 - Modular design
 - Replaces existing systems with a fully electric, self-powered configuration



2. Joint Expeditionary Collective Protection (JECP)

- Family of systems for the Joint Expeditionary Forces
 - Improved Transportability
 - Lightweight
 - Modular
 - No/Low Powered Systems





Current ColPro Programs

3. CPS Backfit - Amphibs (LHD, LHA, & LSD)

- Casualty & Ambulatory
- Command/Control Spaces
- Decontamination Stations
- Medical Complex/Hospital Spaces
- Rest/Relief areas



4. Chemically Protected Field Hospitals

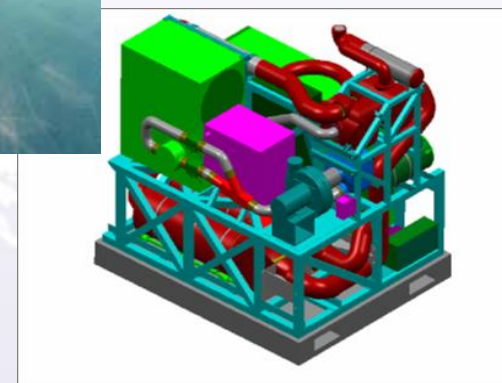
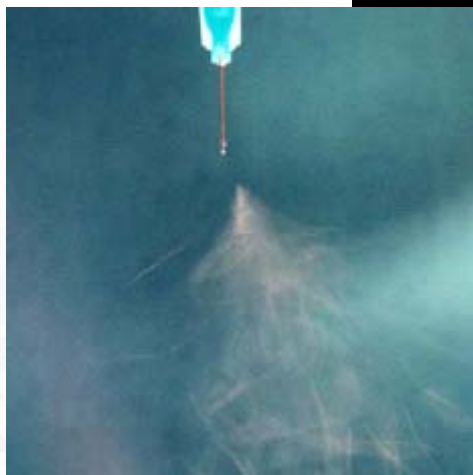
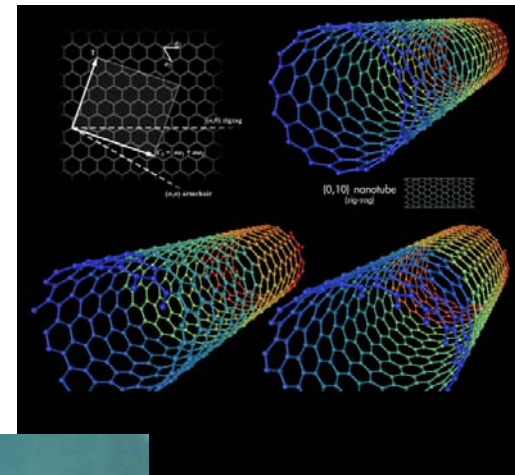
- CP DEPMEDS - Army
 - Converting to Medical Re-engineering Initiative configuration
 - Developed liner to fit TEMPER and Army Alaska Small Shelter Tents
- CH EMF – Navy
 - Design, develop, procure and field systems
- CP EMEDS – Air Force
 - Fielded system





JPM-CP Partnership with S&T

- **CoIPro S&T Focus**
 - Revolutionary approaches to ensuring Toxic Free Areas in the face of hazardous contaminants, both internal and external
- **Transition mature S&T Technologies**
 - Barrier Materials
 - Improved Air Purification
 - Protective Coatings
 - Residual Life Indicators





Near Term Objectives

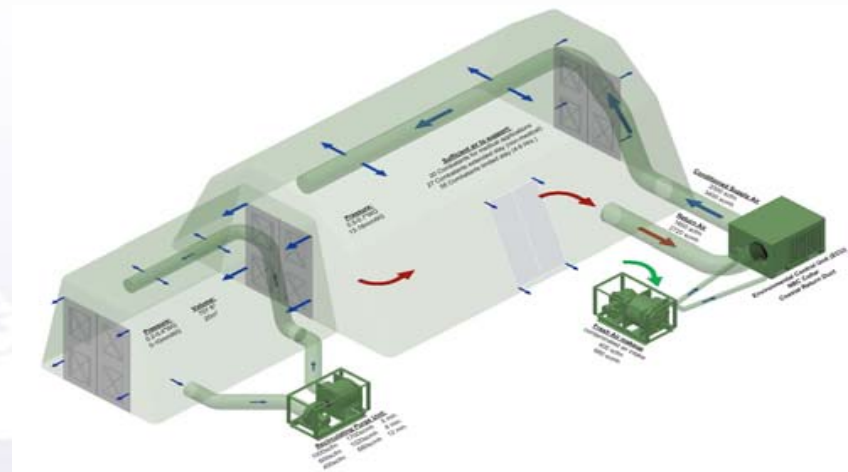
- **Test legacy components to assess performance against evolving threats and toxic industrial material**
- **Standardize ColPro requirements for buildings**
- **Support current and future platforms with ColPro designs and integration**



- **Award system design and development contract for the Joint Expeditionary Collective Protection program**

Mid Term Objectives

- Establish an acquisition program for ColPro of Fixed Facilities
- Transition advanced air purification systems
- Initiate Increment–II for Joint Expeditionary ColPro program



Far Term Objectives

- **Transition revolutionary (future state-of-the-art) ColPro technologies to the next generation of DoD weapon systems**
 - Focus on affordability and omnipresent readiness
- **Integrate ColPro onto ALL military vehicles, ships, facilities, and transportable systems**
 - As ubiquitous as residential air conditioning





Closing Remarks

Conference Theme: Creative Acquisition

- Teaming with the Joint Science and Technology Office to seek revolutionary ColPro technologies while maintaining progress through evolutionary solutions



- Teaming with industry to achieve the best product for our collective customers – the War-fighter, even if it means deviating from our comfort zone



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