



# NTA Trail Boss

September 7, 2011

## Advanced Planning Briefing to Industry

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JPM NBC CONTAMINATION AVOIDANCE  
Joint Program Executive Office for  
Chemical and Biological Defense



# Governance



- **DOD Strategic Plan**
  - Prioritizes threats, commodities and missions
  - Near, mid and long term
  - 2009 Over Guidance Issue Submission
  - FY 10-12 NTA Program Plans
  
- **National RDA Plan**
  - DoD, DHS & OSTP
  - National Defense Strategy and Priorities
  
- **Security Classification Guide**
  - OSD Approved February 2010 (OMB adopted May 2010)
  - Supersedes July 2008 SCG
  - Update review currently underway

# “Trail Boss” Concept

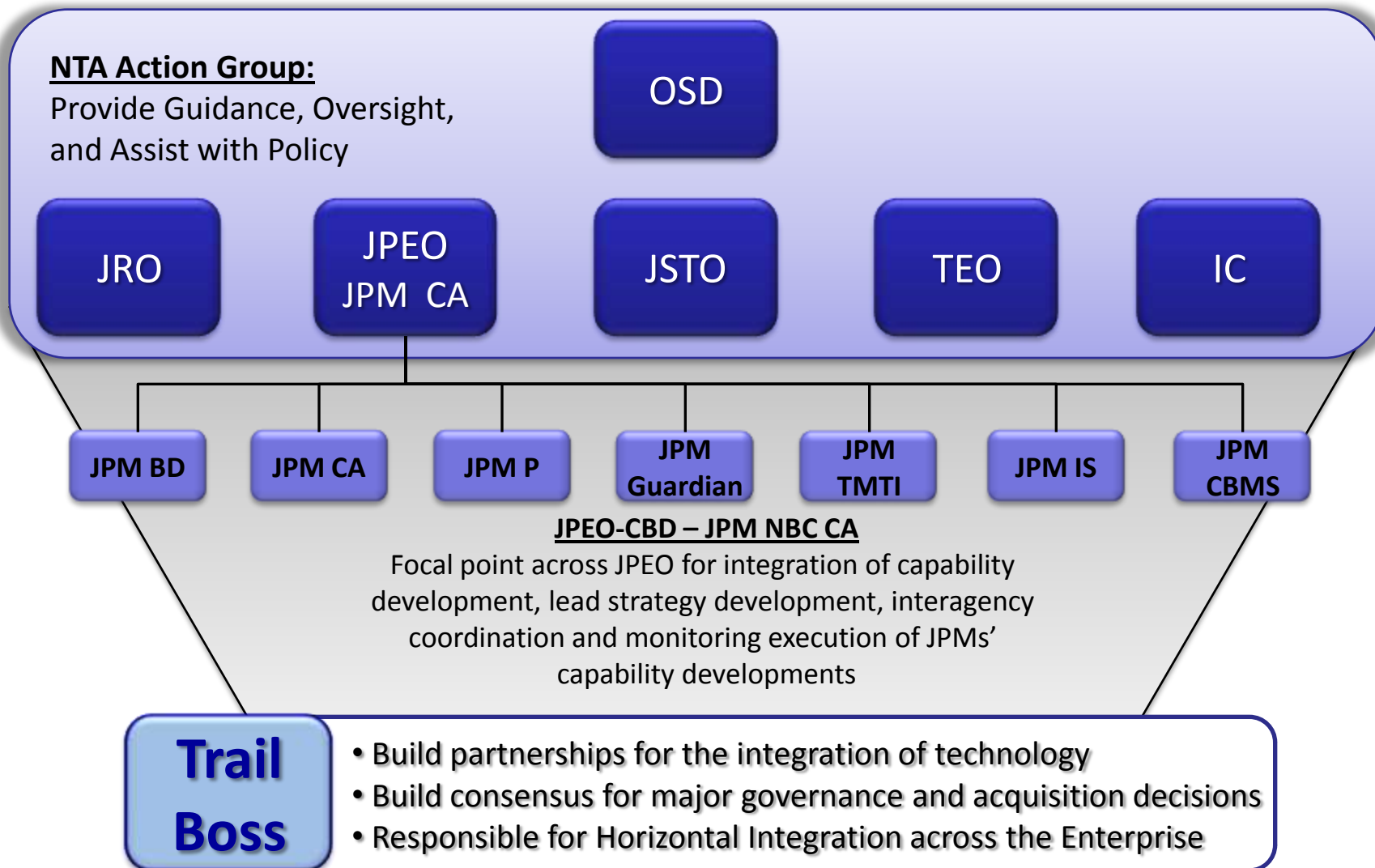


- **JPEO designates Trail Boss in order to:**
  - Serve as focal point across JPEO for capability development for given topic
  - Lead strategy development
  - Monitor execution
  - Coordinate interagency
- **JPMs still execute component capability development**
- **JPM NBCCA has been designated “Trail Boss” for Emerging Threats**
  - Serve as the synchronization and integration office for related activities across the JPEO CBD
  - Represent the organization at Stakeholder meetings
  - Disseminate guidance across JPEO
  - Facilitate activities to achieve OSD objectives, manage Stakeholder expectations
  - Assist JPMs to meet project goals, while aligning with current Acquisition Programs & program strategies
  - Manage detection projects
  - Integrate specific cost, schedule and performance achievements for headquarters' reporting





# JPEO-JPM CA Role within CBBDP





# NTA Trail Boss



**DELIVERING AN INTEGRATED NATIONAL DEFENSE CAPABILITY TO PROTECT THE WARFIGHTER AND HOMELAND FROM EMERGING THREATS**



Detection

IIEAR	MD	FAR
Bulk ID Sensitive Site Assessment	Trace ID Environmental Monitoring	Wide Area Early Warning / Standoff

Medical Countermeasures

IIEAR	MD	FAR
Patient Care TTPs	Therapeutics	Pre-Treatment

Contamination Mitigation  
(Decontamination)

IIEAR	MD	FAR
Respond (Immediate/Operational)	Recover (Thorough)	Restore (Clearance)

Individual Protection

IIEAR	MD	FAR
Level A MOPP	MOPP Enhancement	Integrated Protection

Test Infrastructure

IIEAR	MD	FAR
Glove Box	NTA Chamber	

*Deliver Integrated Solutions to Continually Increase Warfighter Capability*





# Needs



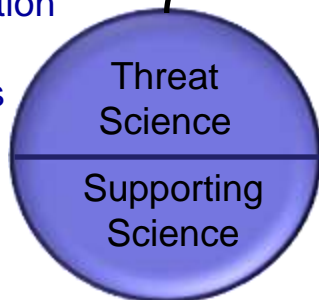
- Detection: Environmental Monitoring, Standoff Detection, Field-ready Confirmatory ID
- Medical: Improved Treatments, Early Diagnostics, Surveillance
- Decon: Agent Defeat Solutions, Equipment Barriers
- Protection: Lightweight materials, closures
- Test: Standard Methods, Challenge Levels, Whole-System Test Infrastructure (NFPA certification of any mask)

Strong need for new and innovative systems

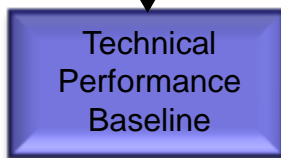
# Influencing the Requirements Analysis Process



Physical and Chemical Properties  
Physiological Response/Toxicology  
Dispersion & Deposition  
Medical Countermeasures  
Agent Fate



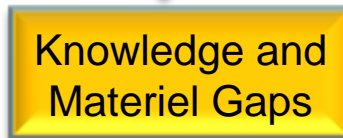
Simulants Test Infrastructure



Mission Analysis



Functional Analysis



User Validation



**Iterative Process with User Involved**

## Next Steps:

**ICT defines path forward**

- ◆ Modify Current Equipment
- ◆ New Starts
- ◆ Revisit DOTMLPF Analysis
- ◆ Other



# NTA Trail-Boss Programs of Interest



PD/JPM	Program	FY12	FY13	FY14	FY15	FY16	FY17
JPM CA	NTA Detect	PROC	PROC	Sustainment	Sustainment	Sustainment	Sustainment
JPM CA	NTA Chamber	6.4	6.4	6.5	6.5	6.5	6.5
JPM CA	NGCPD	Sustainment	6.4	6.4	6.4	6.5	6.5
JPM CA	DR SKO / DR SKO II	PROC	PROC	PROC	PROC	PROC	PROC
JPM CBMS	BioScav	6.5	6.5	6.5	6.5	6.5	6.5
JPM CBMS	INATS	6.4	6.5	6.5	6.5	6.5	6.5
JPM CBMS	AAS	6.5	PROC	PROC	Sustainment	Sustainment	Sustainment
JPM CBMS	CANATS	6.4	6.4	6.4	6.4	6.5	6.5
JPM Decon	DFOS	6.4	6.5	6.5	6.5	6.5	6.5
JPM IP		6.5	6.5	6.5	6.5	6.5	6.5







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