



# PEO AMMUNITION

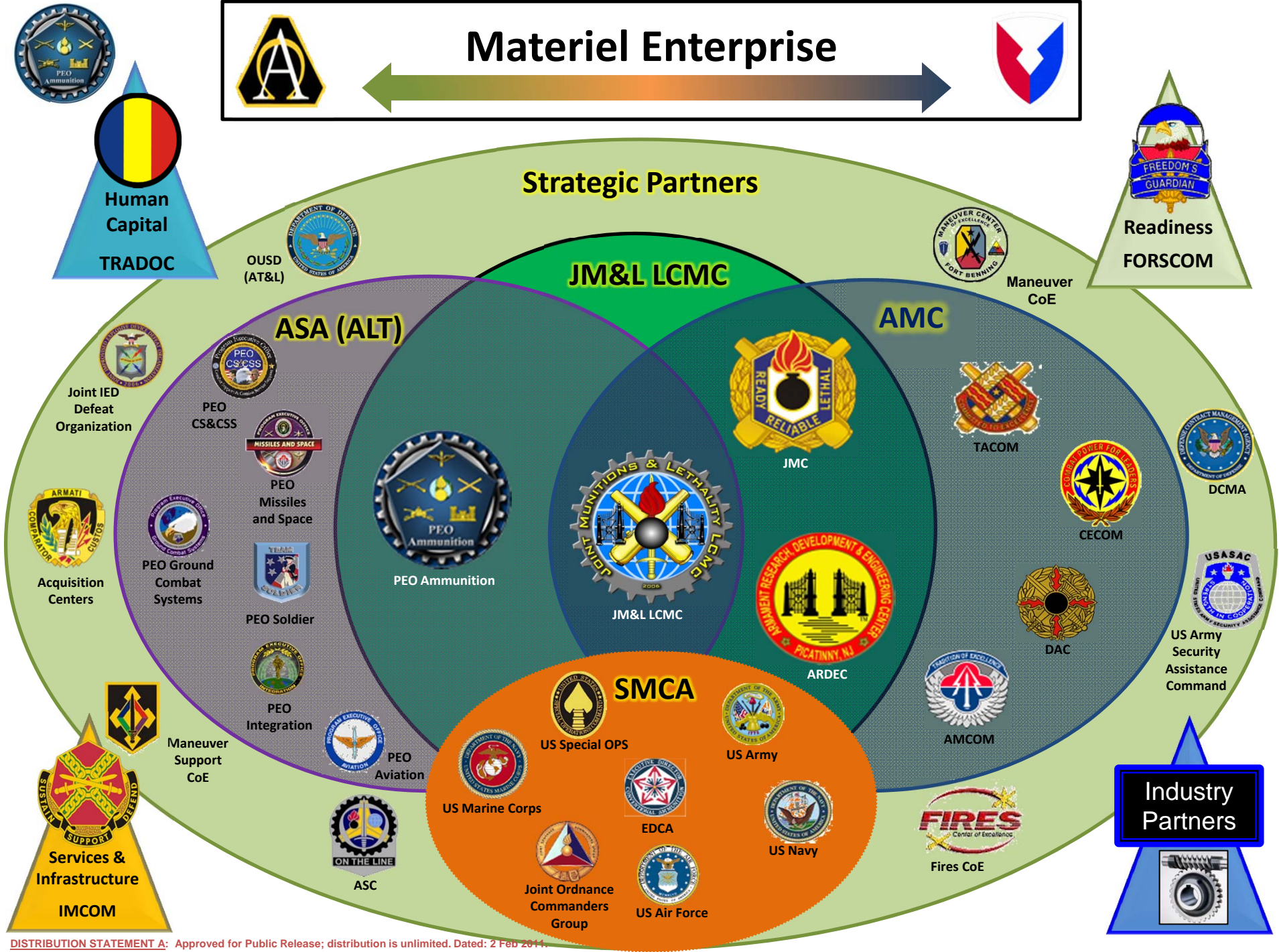
Program Executive Office  
Ammunition Overview  
February 2011

Presented by:  
BG Jonathan A. Maddux



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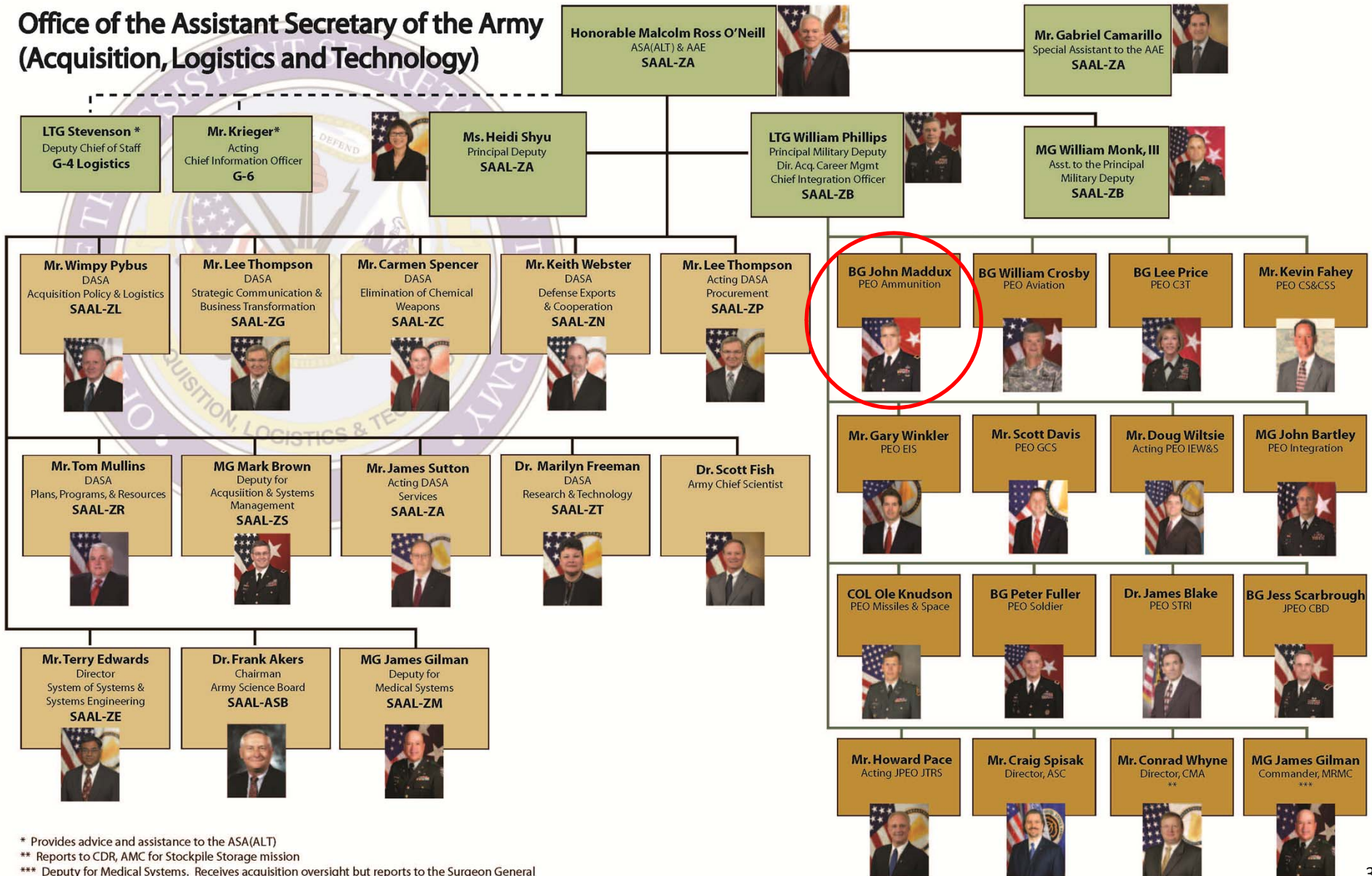
# Materiel Enterprise





# ASA(ALT) Organization

## Office of the Assistant Secretary of the Army (Acquisition, Logistics and Technology)



\* Provides advice and assistance to the ASA(ALT)

\*\* Reports to CDR, AMC for Stockpile Storage mission

\*\*\* Deputy for Medical Systems. Receives acquisition oversight but reports to the Surgeon General

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# PEO Ammunition Organization

650+ Active Programs  
Managed in FY10 –  
\$4.7B value

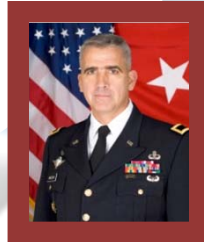


## PM CAS Combat Ammunition Systems

Indirect Fire Munitions and Mortar Weapon Systems

- PM Mortars
- PM Excalibur

973-724-2003  
john.scott.turner@us.army.mil



PEO Ammunition  
973-724-7101  
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DPEO Ammunition  
973-724-7102  
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## Chief of Staff

- Systems Acquisition
- Business Management
- Human Resources
- International
- CIO



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## PM CCS Close Combat Systems

Networked Munitions and Force Application Systems

- PM Intelligent Munitions Sys

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steven.f.cummings@us.army.mil



## PM TAS Towed Artillery Systems Support Fives for Maneuver forces

- M777 Lightweight Howitzer
- M198 Digitization



973-724-4427  
keith.t.gooding@us.army.mil

Be the best provider of conventional and leap-ahead munitions and counter improvised explosive device products by fostering innovation and diversity to increase the combat power of our Warfighters.



## PM CEH Counter Explosive Hazard

Countermine, Explosive Hazard, and Force Protection Systems

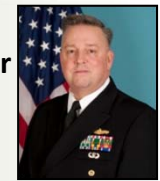
- PM Countermine & EOD
- PM IED Defeat/Protect Force

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## O/EDCA Executive Director Conventional Ammunition

- SMCA Assessment



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## PM MAS Maneuver Ammunition Systems Direct Fire Munitions

- PM Large Caliber
- PM Small & Medium Caliber
- PD Medium Cannon Caliber
- PD Non-Standard Ammo

973-724-5307  
danny.wiley@us.army.mil



## PD JS Joint Services

- Ammunition Industrial Base
- Ammunition Logistics
- Technology and Prototyping
- Demilitarization

973-724-5257  
jeff.wilson@us.army.mil



## PD JP Joint Products

- Navy and Air Force Bombs & Energetics



973-724-6487  
Victor.m.rodriguez5@us.army.mil

## Single Manager for Conventional Ammunition



# Single Manager Conventional Ammunition (SMCA)

Background

Mission

Objectives

## History of the SMCA:

In 1977, the Secretary of Defense assigned the Secretary of the Army as the DoD SMCA with the responsibility for procuring/producing conventional ammunition for all military services in DoD Directive (DODD) 5160.65. On April 16, 2003, this authority was delegated by the Assistant Secretary of the Army (Acquisition, Logistics, and Technology) to PEO Ammunition. Consistent with this delegation, starting in FY04, all SMCA orders are processed through the (PEO) Ammunition.



## SMCA Mission:

Manage DoD conventional ammunition, and personnel and training functions (DoDD 5160.65)



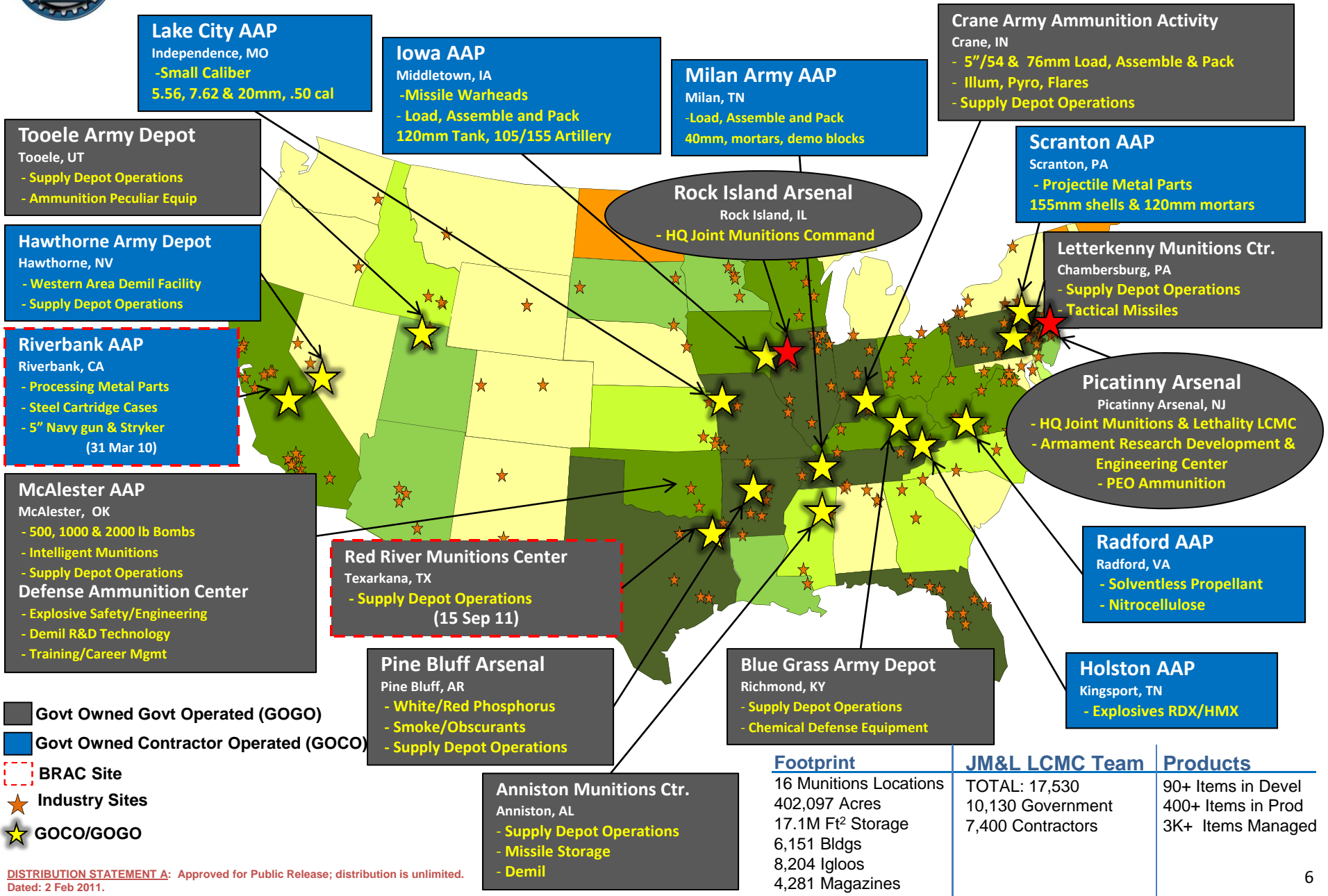
## Objectives:

Achieve the highest possible degree of efficiency and effectiveness in the DoD operations required to acquire top quality conventional ammunition for U.S. Forces





# Ammunition Enterprise Footprint

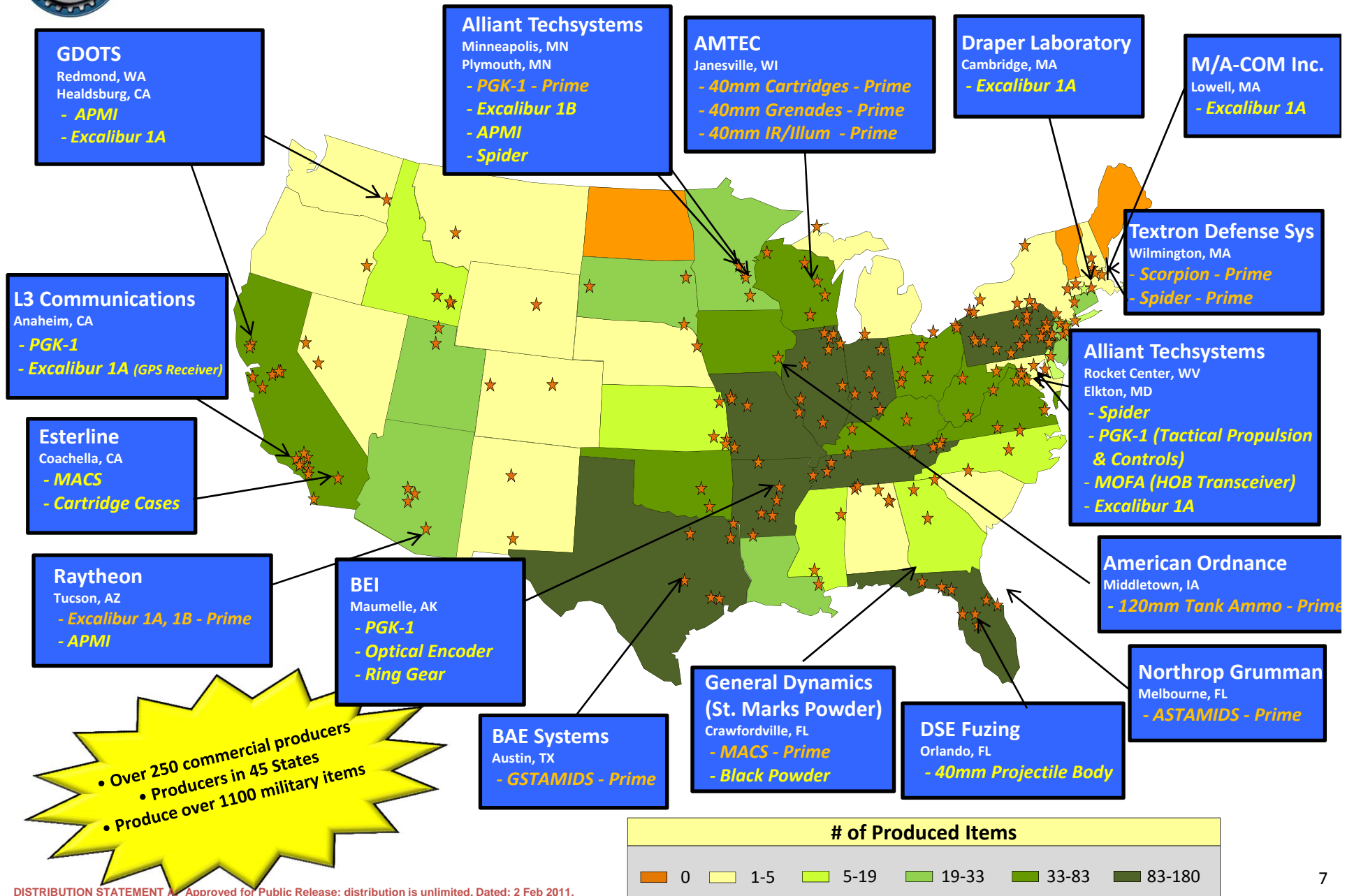


Footprint	JM&L LCMC Team	Products
16 Munitions Locations	TOTAL: 17,530	90+ Items in Devel
402,097 Acres	10,130 Government	400+ Items in Prod
17.1M Ft <sup>2</sup> Storage	7,400 Contractors	3K+ Items Managed
6,151 Bldgs		
8,204 Igloos		
4,281 Magazines		

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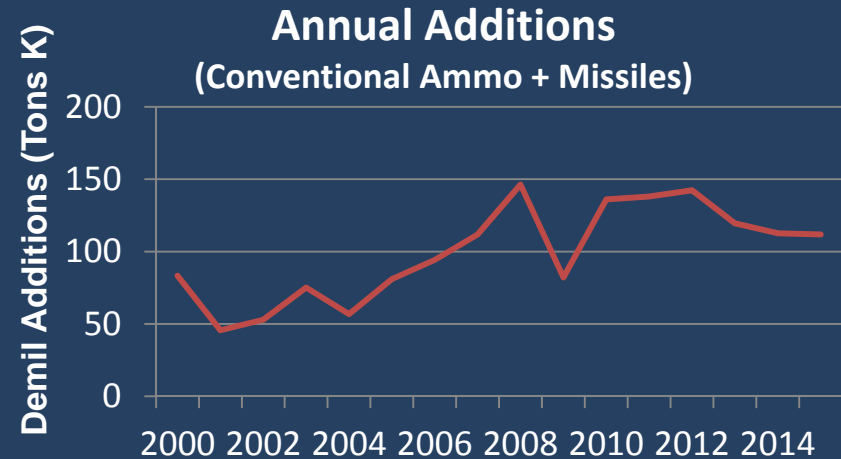
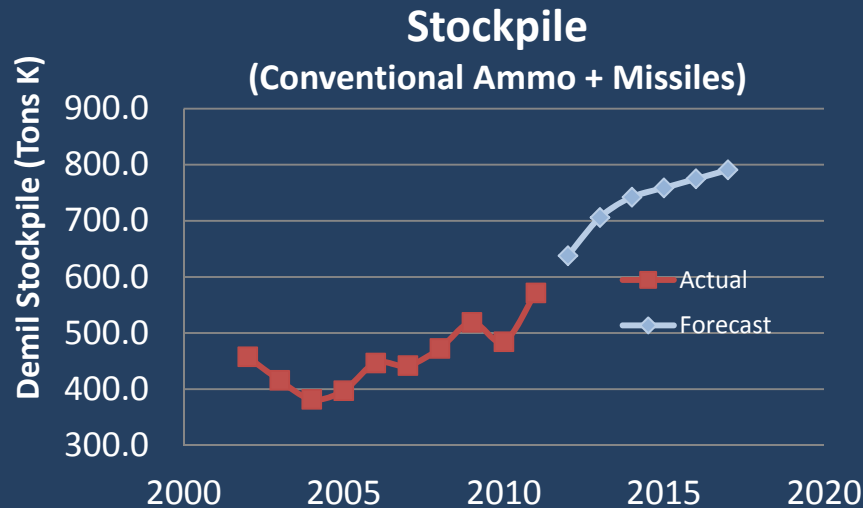


# Ammunition Enterprise Industry Partners





# Ammunition Demilitarization



## Addition Influences

- Cluster Munitions / Landmines, WRSA-K, Aging Cold War Stocks, PIPs

## Reversing the Trend

- Maximum use of low cost facilities / processes
- Establish production based thinking
- Defend against rising additions
- Reduce secondary cost expenditures (transportation, support, etc)
- 58K tons per year Average demil over last five years (06 - 10) is the average demil tonnage over a period





## Outlook/Challenges

- Future Budget/Resource Picture (especially for Ammo)
- Reliance/focus on Joint
- Reliance/focus on FMS
- Implementation of Efficiency Initiatives
- Implications of new policies on technology transfer/FMS



# PEO Modernization Strategy

Emerging Technologies Programs (next 5 Years)		Future Trends (5+ years)	
<b>Artillery Munitions and Weapon Systems</b> Excalibur Increment 1a-2 & 1b Precision Guidance Kit I & II 		105mm PGM VAPP M795 Extended Range DPICM Alternative 	
<b>Mortar Munitions and Weapon Systems</b> MAPAM Lightweight Mortar Systems Accelerated Precision Mortars Initiative 		MFCs Light Very Affordable Precision Mortar (VAPM) Extended Range Mortar 	
<b>Direct Fire</b> GREM Door Breaching 120MM, Advanced Kinetic Energy 		120mm Advanced Multi-purpose (MP) Round Next Gen Kinetic Energy 	
<b>Small &amp; Medium Caliber</b> Lead Free Ammo CCMCK (9mm; M1071) 40mm Pivot Coupling 		Lightweight Ammo Dim Trace 40mm Non Dud Prod. 40mm Airburst 30mm M789 	
<b>Non-Lethal</b> Non-Lethal Capability Set Improvements Anti Personnel & Anti Vehicle		Individual Non-Lethal System (INS) Dual Mode (Lethal/N-L) Grenade 	
<b>Close Combat Systems</b> AT4CS-TW Spider Improvements 		Individual Assault Munition (IAM) Next Gen Networked Munitions 	
<b>IED Defeat &amp; Counter Mine</b> Counterbomber PBIED Detection System Jackal Passive Infra-red IED Pre-Detonation System 		Standoff Explosive Detection Immediate Substance Identification 	
<b>Industrial Base</b> New NC Facility Radford AAP Sm. Cal. Modernization Lake City AAP 		Flexible Manufacturing Facility 	
<b>Demilitarization</b> Disassembly and Energetic Destruction Technologies 		Ultrasonic Removal Process 	



# Joint Warfighter Support



## FY08 - FY10 Produced & Delivered to Depot



Small Cal	Med Cal	Large Cal	Mortars	Artillery	Bombs	Flares	Grenades
2,740.7M	41.2M	369K	1.1M	990K	-	1.9M	16.9M
940.0M	10.4M	133K	954K	308K	-	520K	4.0M
264.9M	7.2M	-	-	-	532K	74K	138K
171.0M	24.0M	-	-	94K	167K	7.2M	129K



## At the End of the Day...



***We're Meeting Joint Warfighter's Needs !***