



# The DoD Maintenance Symposium

**27 October 2005**

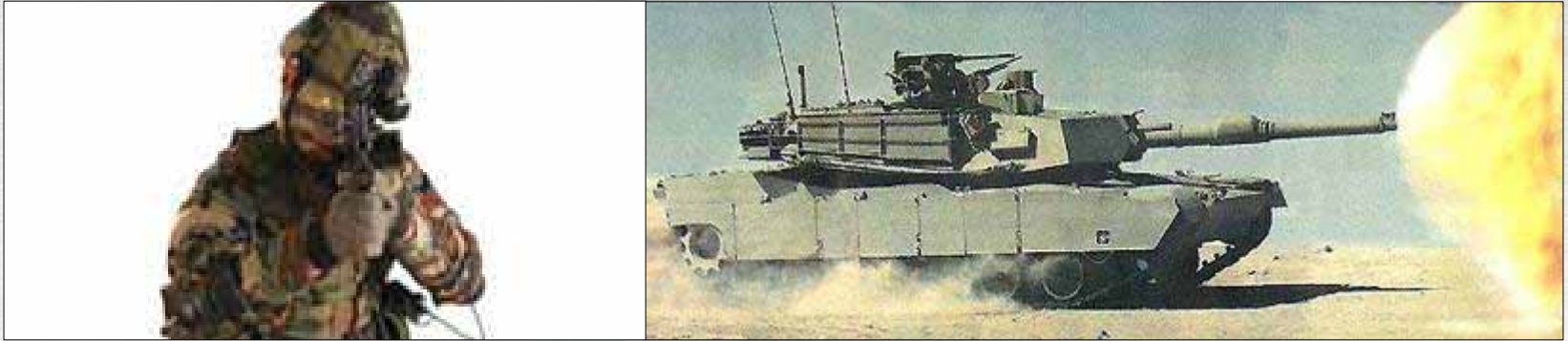


**GEN Benjamin S. Griffin**

*"Need to be faster, more agile, less bureaucratic.  
Need to fight this every day."*

# Mission

**Provide superior technology, acquisition support and logistics to ensure dominant land force capability for Soldiers, the United States, and our Allies.**



**“If a Soldier shoots it, drives it, flies it, wears it, or eats it, Army Materiel Command Provides it.”**



**"Need to be faster, more agile, less bureaucratic - Need to fight this every day"**



# AMC Commanders and Deputies

**Chemical Materials Agency**

Mr. Michael Parker	COL Peter Cooper
	
Civilian 2,448   Military 12	

**Army Materiel Command**

LTG William E. Mortensen	Ms. Kathryn Szymanski	CSM Daniel K. Elder
		
Civilian 800   Military 72		

**Communications-Electronics LCMC**

MG Michael R. Mazzucchi	Mr. Victor J. Ferlise
	
	Mr. Edward T. Bair
	
	BG Nickolas Justice
	
Civilian 6,854   Military 95	

**Tank-automotive & Armaments Command LCMC**

MG Mike Lenaers	Mr. Jack Dugan
	
Civilian 11,241   Military 99	

**Presence:**  
 Locations – 149  
 States – 43  
 Countries – 55  
 Personnel: 48,966  
 Total AMC in SWA – 57,279

**Research, Development & Engineering Command**

MG Roger Nadeau	Dr. Robin Keesee
	
Civilian 12,046   Military 246	

**Army Field Support Command**

MG Jerome Johnson	Mr. Scott Welker
	
Civilian 5,530   Military 209	

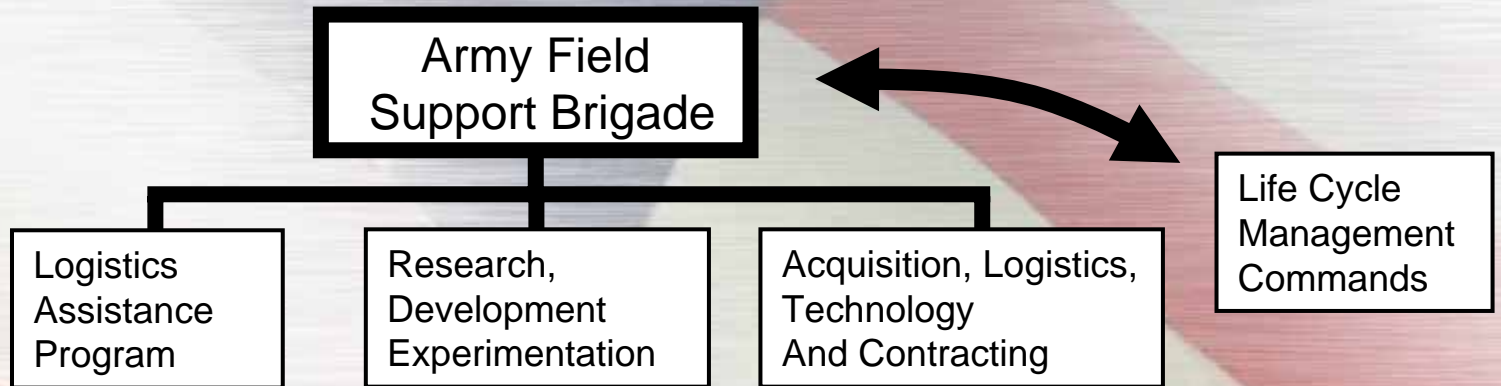
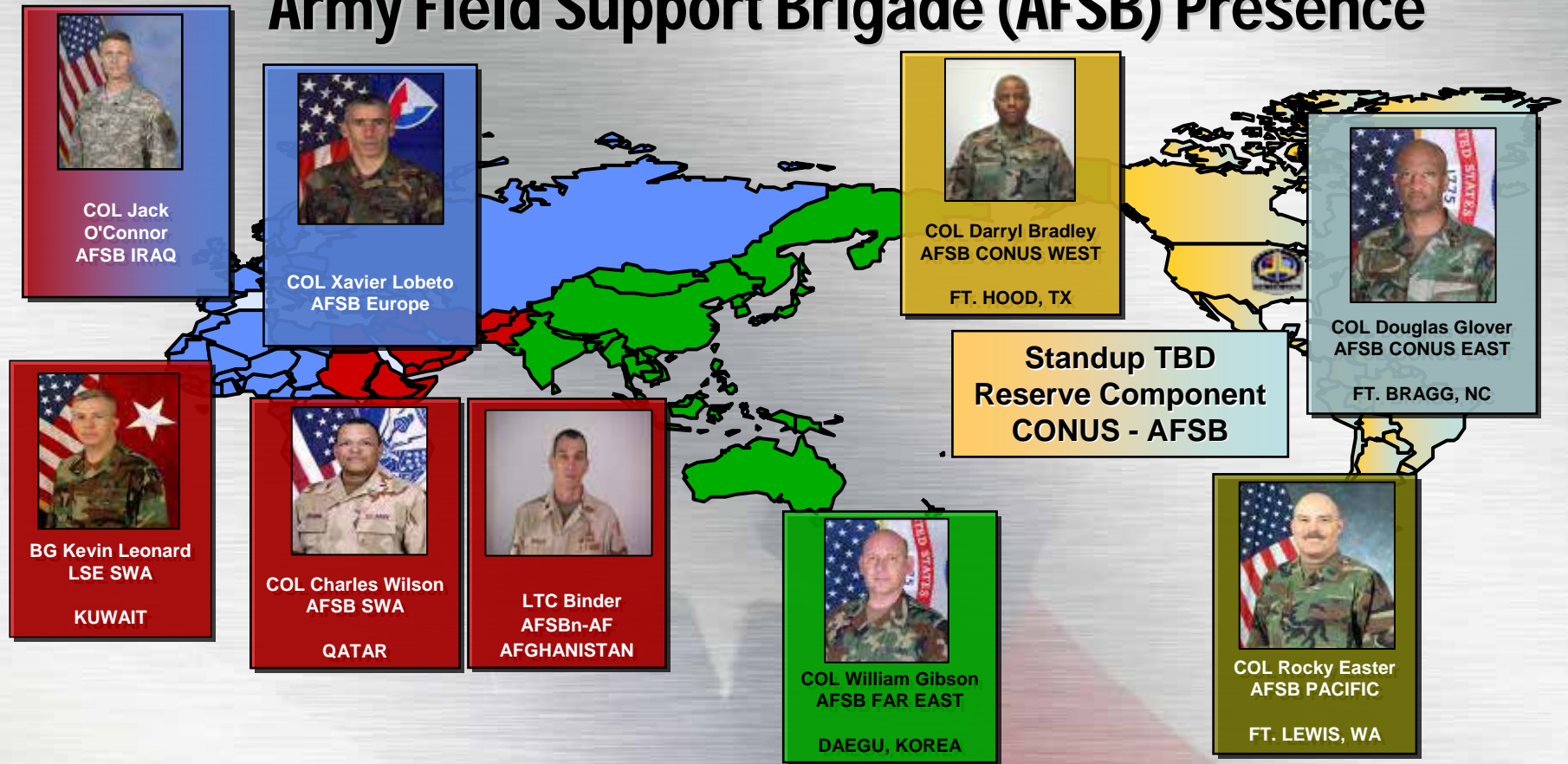
**Aviation and Missile Command LCMC**

MG James Pillsbury	Mr. Richard W. Amos
	
Civilian 8,246   Military 208	

**US Army Security Assistance Command**

BG Clinton Anderson	Mr. Rick Alpaugh
	
Civilian 560   Military 50	

# Army Field Support Brigade (AFSB) Presence



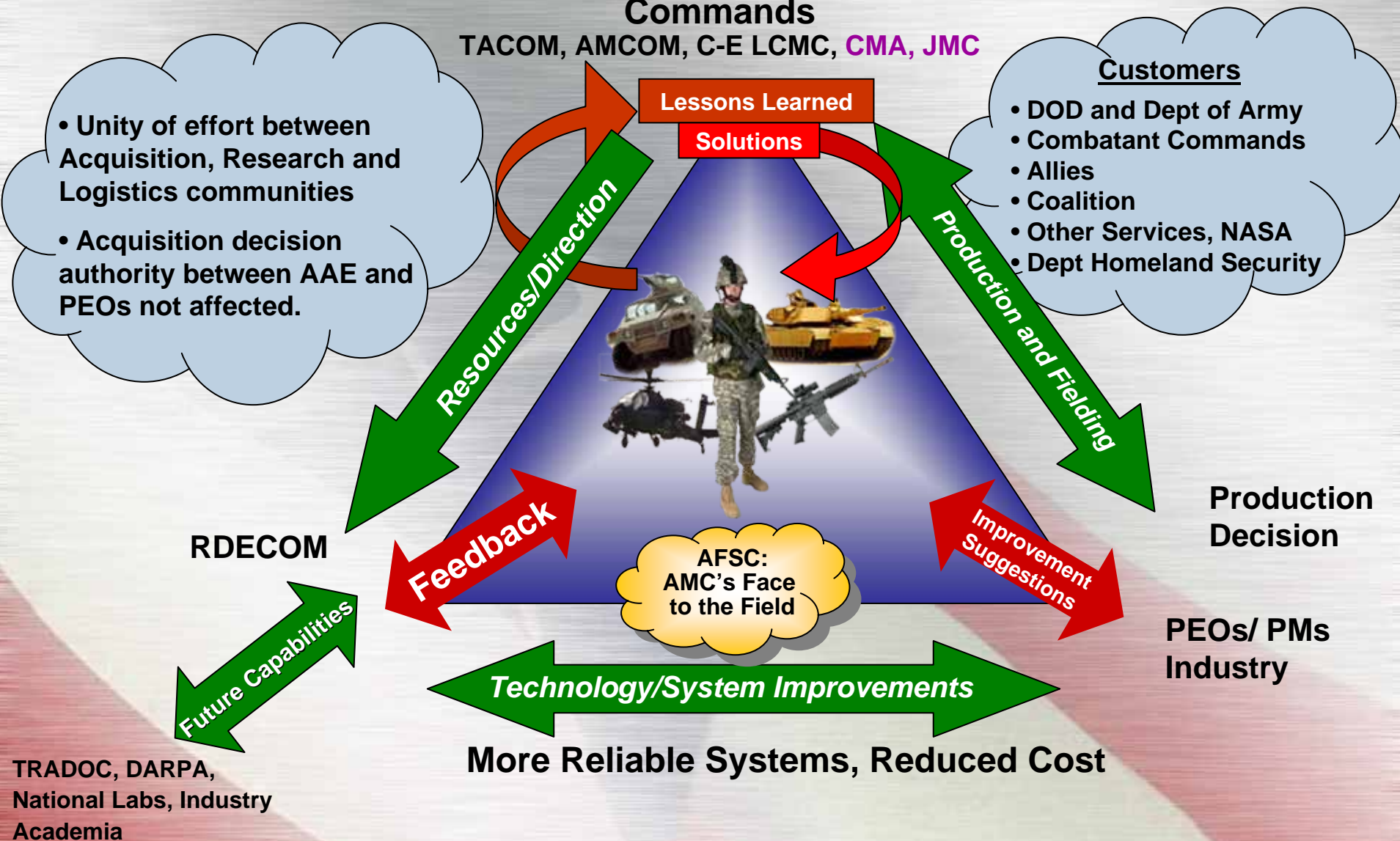
**AMC's Single Face to the Warfighter!**

# Life Cycle Management Commands...Soldier

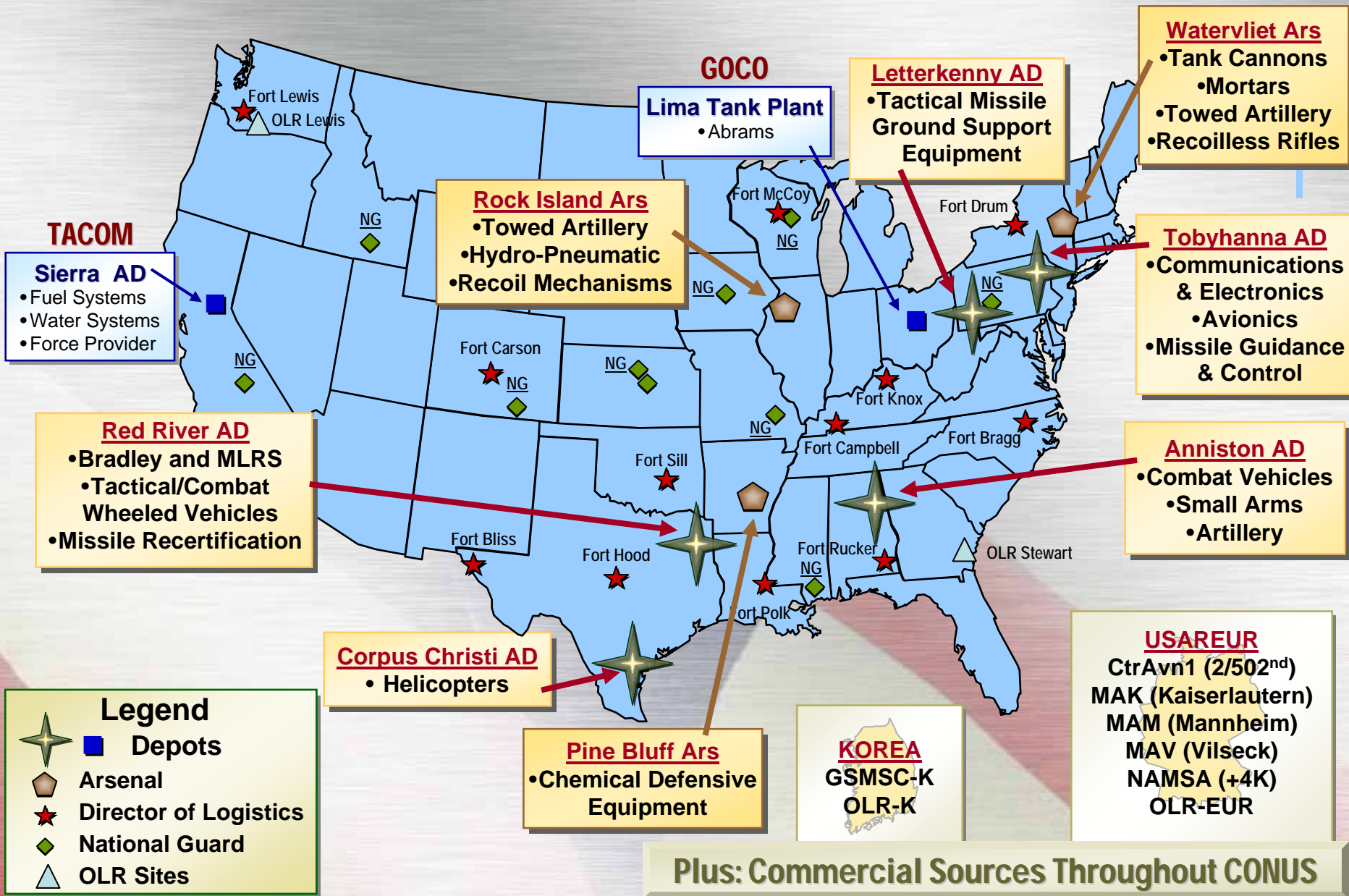
## Focused

### AMC Life Cycle Management Commands

TACOM, AMCOM, C-E LCMC, **CMA, JMC**



# Sustainment Maintenance



# Setting the Force

## What We've Done ... What We're Doing

### ARMY PLAN

*The Army will undertake a disciplined, orderly reconstitution to restore combat power.*

*The Army will implement lessons from Desert Storm, OEF, OIF and operations in the Balkans to refine and improve our efforts.*

Thru FY05 Workload

#### 82,500 Small Arms

9,600 M2	7,000	M203
8,400 M249	4,300	M4
2,600 M240	30,000	M16
19,600 M9	1,000	MK19

#### Depot Spt to Other Svcs ~ \$ 193M (Examples)

Tanks & Small Arms – USMC  
Helicopters – USAF & USN  
Missile Guid – USAF  
Navigation, Radars – USAF  
Threat Emitter – USAF  
HMMWVs – USAF  
Chem Alarms - USAF

1,555 Tracked vehicles  
9,426 HMMWV  
7,074 Trucks  
3,579 Trailers

#### 1,833\* Aircraft

421 AH-64  
257 CH-47  
878 UH-60  
277 OH-58

(\*not inclusive of SOA)  
Inclusive of OIF 3

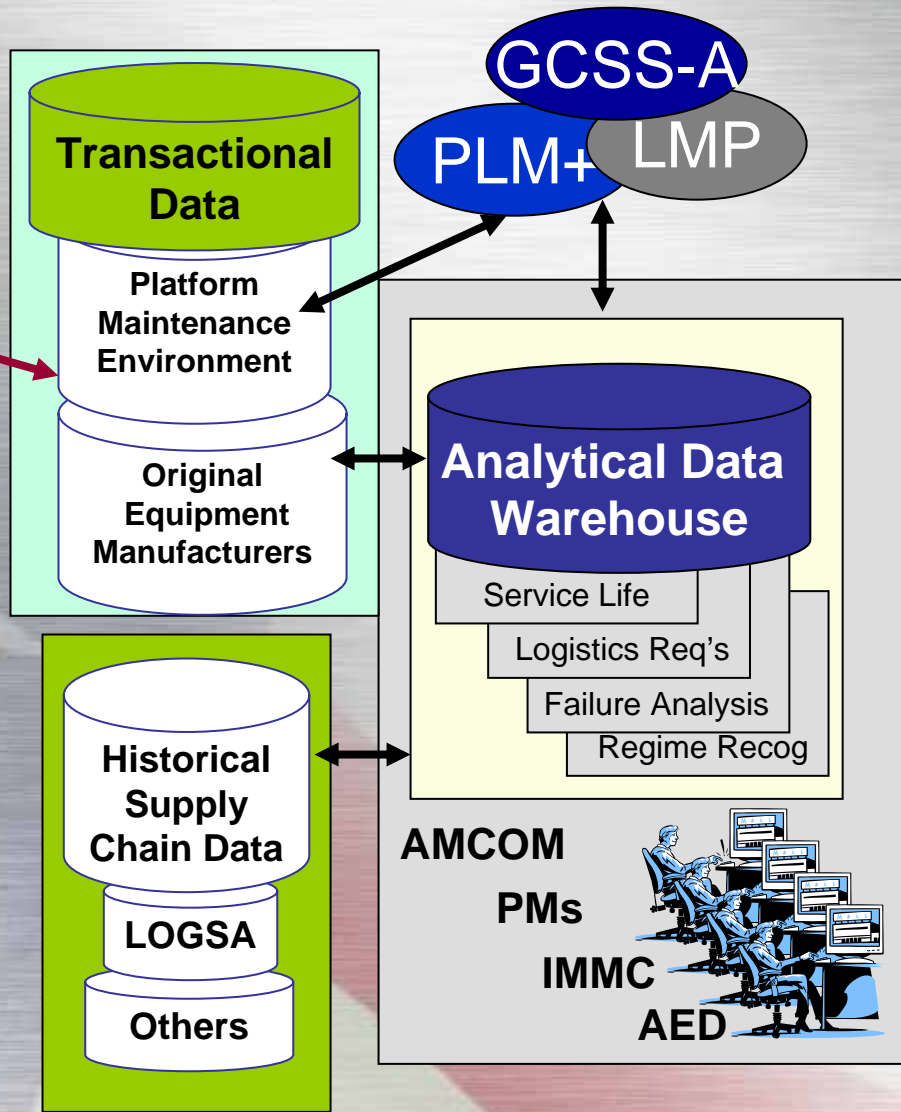
3,691 Commo/Electric

9 Patriot Battalions  
112 MLRS

2,775 Missile Systems  
15,032 Missile Rounds  
50,000 Short Tons of  
Ammunition

# Condition Based Maintenance

## In Theater



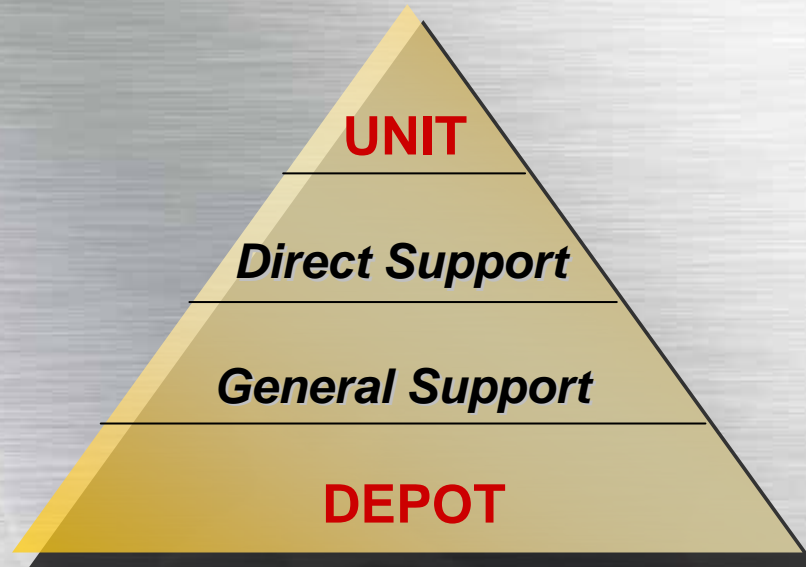
**Data Being Captured Today From the 3-3 AVN Regt and 4-101 AVN Regt for Analysis to Begin the Transformation!!!**

# Forward Repair Activities in Support of OEF/OIF



**UNCLASSIFIED**

# Current Maintenance



System by Echelon

## A Better Way to do Maintenance Two Levels

### *Replace . . . On-system*

Repair and return to user  
Largely a merging of Org & DS

### *Repair . . . Off-system*

Repair and return to stock  
Largely a merging of GS & Depot

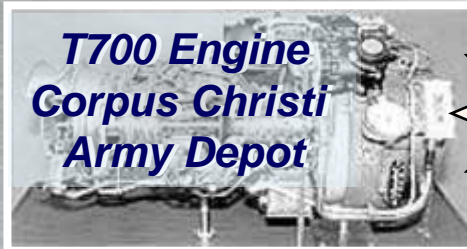


*Field Maintenance*

*Sustainment  
Maintenance*

# Example Lean Six Sigma Achievements

- ✓ Mean Time Between Overhaul increased from 309 hours to 900+ hours
- ✓ Overhaul cycle time reduced from 300+ < 80 days



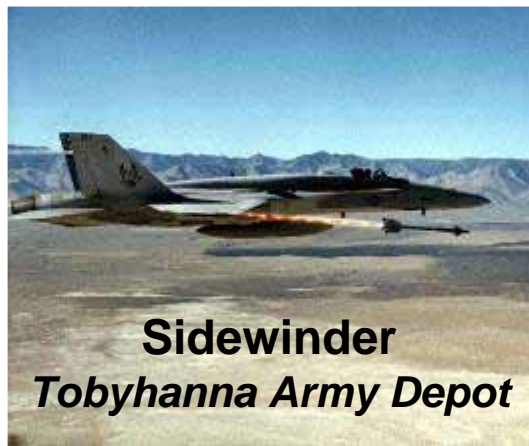
- ✓ Kitting enabled production ramp from 300 to 700 weapons/month



- ✓ \$990K in Lean savings to SOCOM in FY04
- ✓ Turn around time reduced from 10 weeks to only 8.8 days



- ✓ Repair cycle time reduced 50%
- ✓ Throughput increased from 6 vehicles/day to 26/day
- ✓ Doubled first pass inspection
- ✓ Reduced cost by 1/3



- ✓ Improved supply condition of Display Keyboard Assemblies from 9000 backorders in Jan 05 to 1000+ in inventory Aug 05

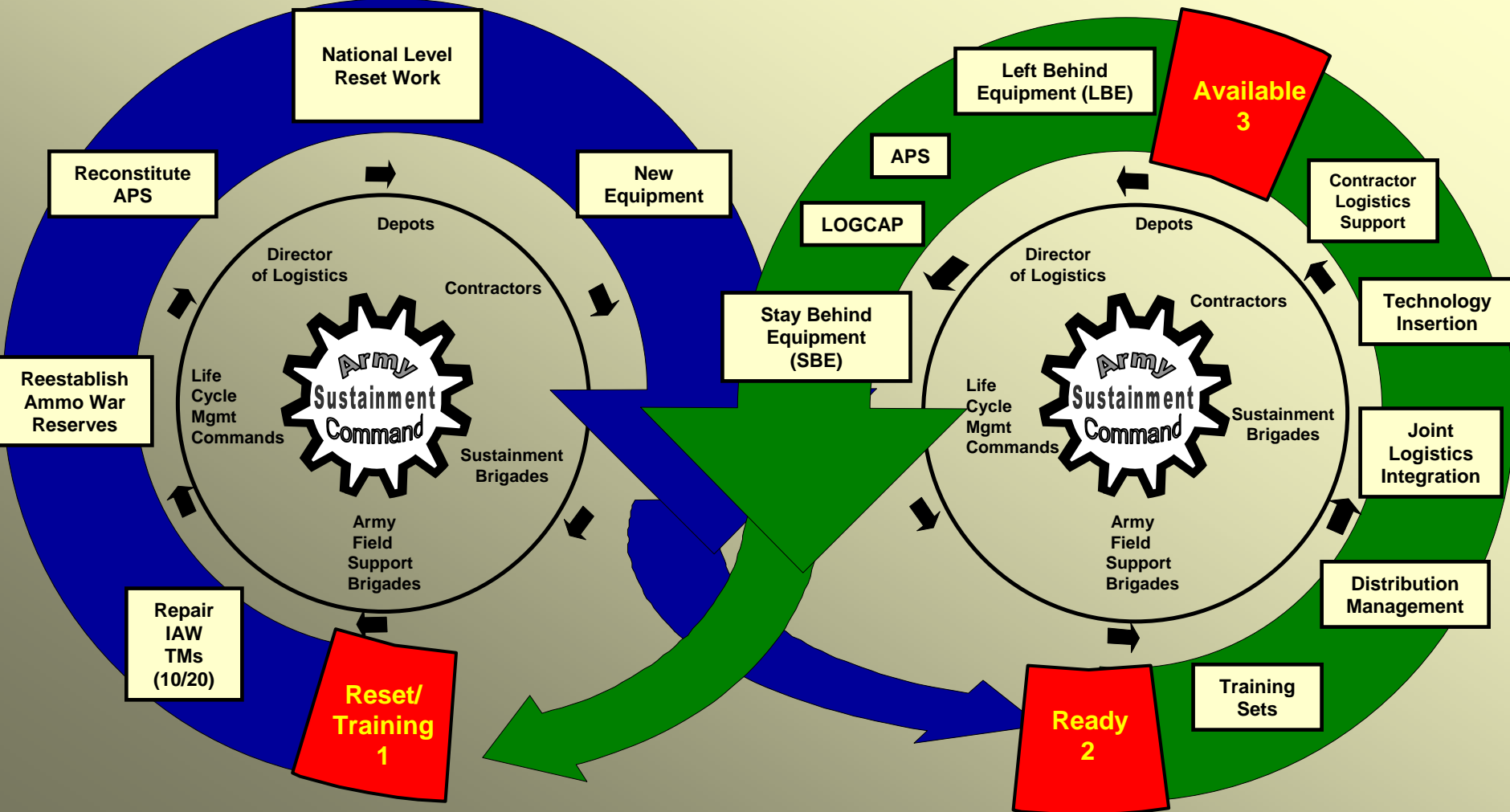
- ✓ Productivity improved by 12%
- ✓ Unit Maintenance Cost reduced by 46%

# AMC Supporting ARFORGEN

Resetting the Force

LOGFORGEN

Sustaining the Force



Army Materiel Command: Logistics Synchronizer and Integrator for ARFORGEN



# Thoughts I want to Leave You With...

- ✓ **The Joint Warfighter is our customer and #1 priority**
  - Army Sustainment Command is our face to the warfighter
    - Army Field Support Brigades
  
- ✓ **AMC's goal is to provide the best possible logistical support to the warfighter**
  - **What** they need, **when** they need it, and **where** they need it!
    - MACOMs (e.g. FORSCOM, USAREUR, USASOC)
    - Combatant Commanders
  
- ✓ **We are on a wartime footing for production, repair and contracting**
  
- ✓ **Thanks for what you do to support your Service in the field today!**



FOCUSED ON THE  
WARFIGHTER

The background of the slide is a faded, semi-transparent image of the United States flag, showing the stars and stripes. The text is centered over this background.

# **BACK-UP Slides**

**Arsenals**



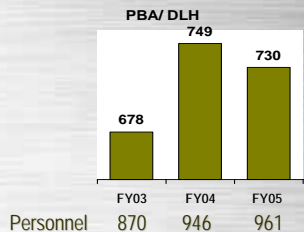
**Depots**



# Army Depots and Arsenals

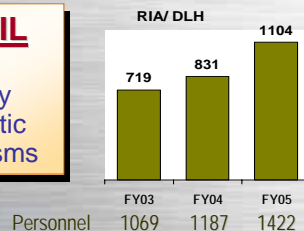
## Pine Bluff, AR (PBA)

- White/Red Phosphorus
- Smoke/Obscurants
- Chem/Bio Protective
- Equipment/Kits



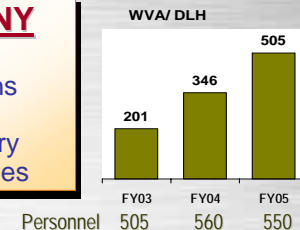
## Rock Island, IL (RIA)

- Towed Artillery
- Hydro-Pneumatic
- Recoil Mechanisms



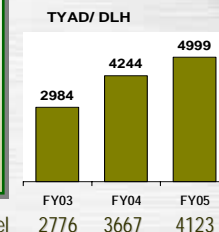
## Watervliet, NY (WVA)

- Tank Cannons
- Mortars
- Towed Artillery
- Recoilless Rifles



## Tobyhanna AD

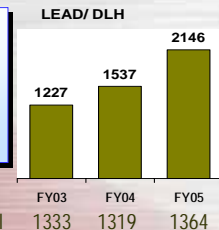
- Communications & Electronics
- Avionics
- Missile Guidance & Control



**CECOM**  
**COMMUNICATIONS-ELECTRONICS LIFE CYCLE MANAGEMENT COMMAND**  
**FORT MONMOUTH, NJ**

## Letterkenny AD

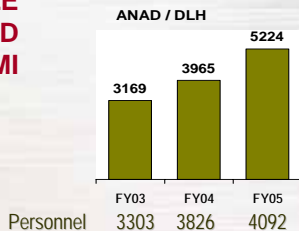
Tactical Missile Ground Support Equipment



**AMCOM** - **AVIATION AND MISSILE LIFE CYCLE MANAGEMENT COMMAND**  
**HUNTSVILLE, AL**

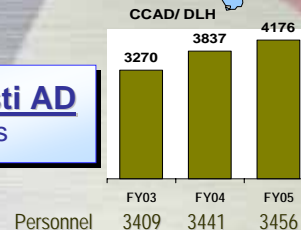
## Anniston AD

- Combat Vehicles
- Small Arms
- Artillery



## Corpus Christi AD

- Helicopters



## Red River AD

- Bradley and MLRS
- Tactical/Combat Wheeled Vehicles
- Missile Recertification

Missile Recertification Moved to Letterkenny Army Depot in BRAC 2005 Decision

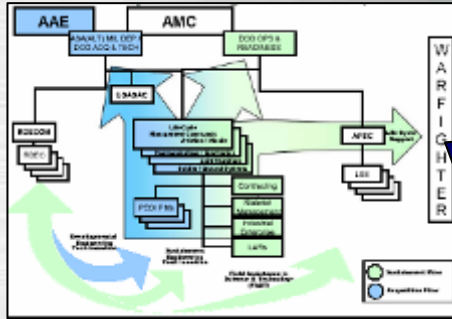
**TACOM**  
**TANK-AUTOMOTIVE AND ARMAMENTS LIFE CYCLE MANAGEMENT COMMAND**  
**WARREN, MI**

**Depot FY05 Workload Approx 20M DLHs → 26M DLHs in FY06**

**NOTE for DLH Graphs:**  
 Depots plot as Millions  
 Arsenals plot in Thousands

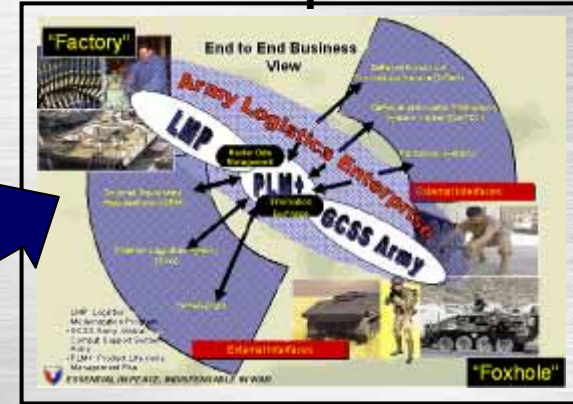
# Where We Are Going

## Life Cycle Management Commands



Lean Six Sigma:  
Enterprise Excellence

## Single Army Logistics Enterprise



Transformation



- > Joint Logistics Initiatives
- > UA/FCS Supportability
- > AMC Support to the Modular Army
  - LSE Integration with UEx
  - AMC and ASA(ALT) Modularity Design Efforts
  - Two Level Maintenance & Sustainment Concept
- > Industrial Base Transformation
  - Ground Systems Industrial Enterprise (GSIE)
  - Public Private Partnerships
  - Lean Six Sigma

Transformation

Work Force Revitalization

## Centralized Ammunition Management

