

U.S. ARMY MATERIEL COMMAND

COL Gerald Bates, Jr.

**Chief, Maintenance Management
G-3 Support Operations, AMC HQs**

Where We Are ...

Where We're Going

Presented at DoD Maintenance Symposium

25 October 2005

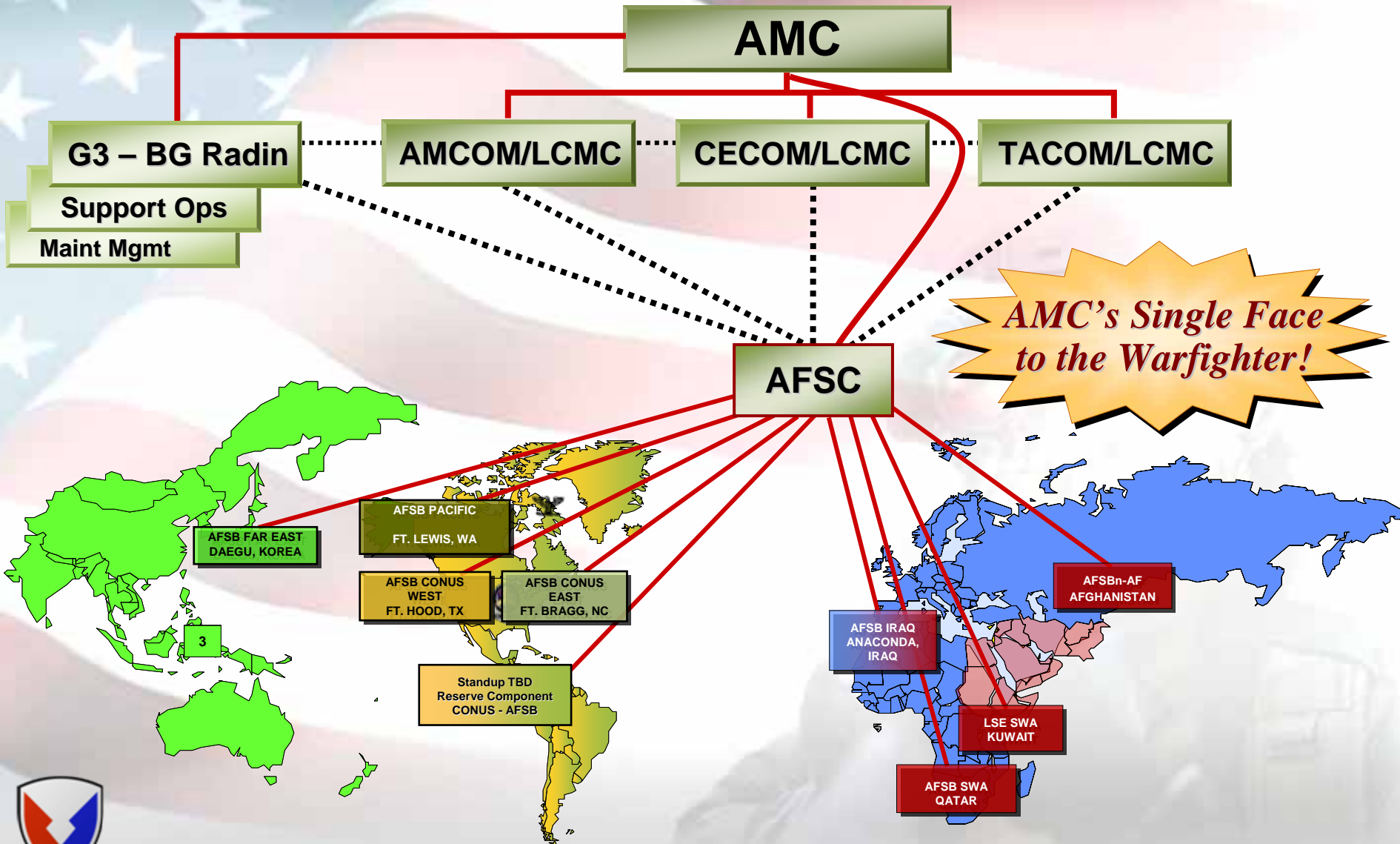
Need to be faster, more agile, less bureaucratic – Need to fight this everyday

Agenda

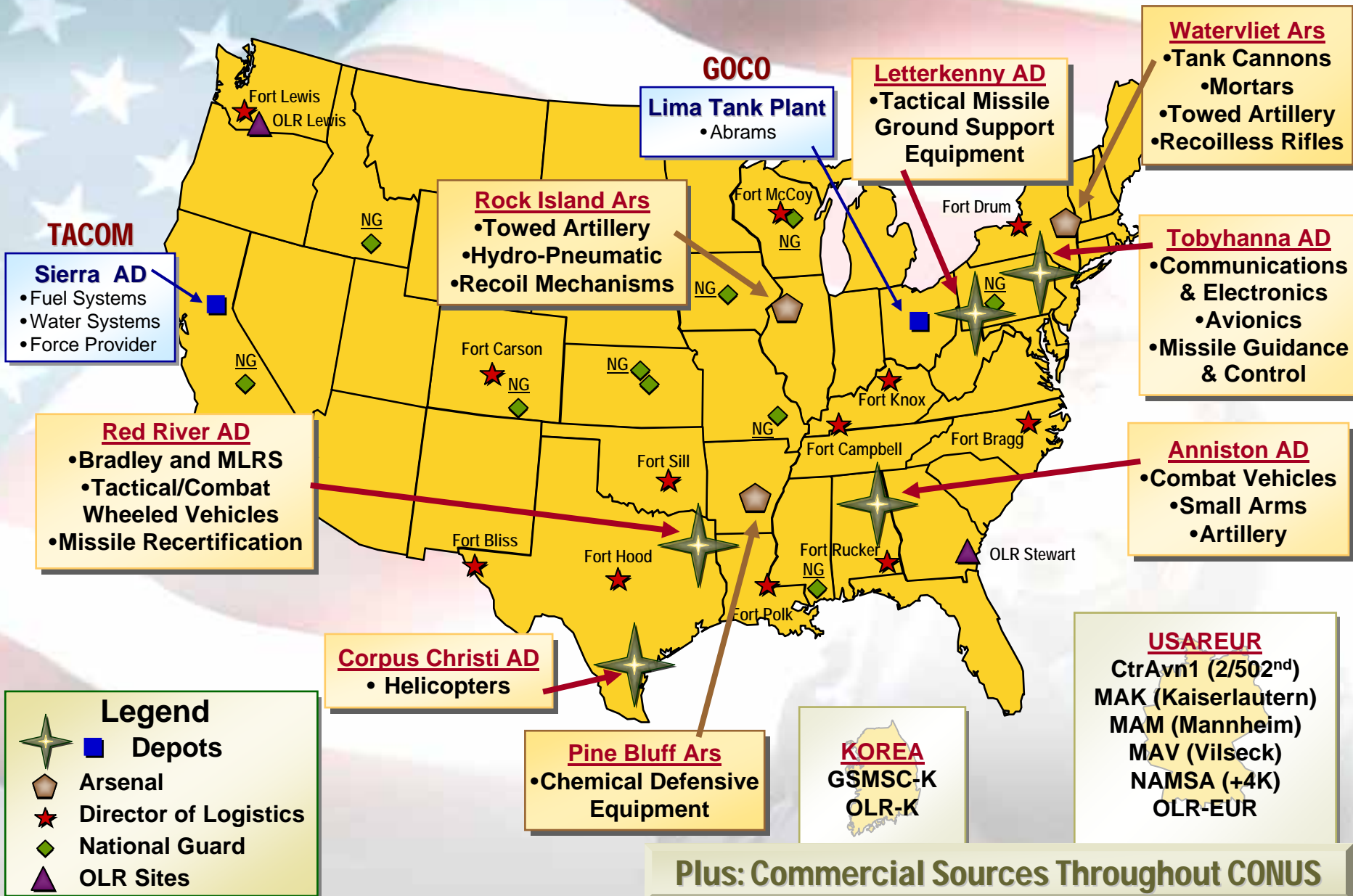
- **Who We Are**
- **Who Does Sustainment Maintenance**
- **Setting the Force (CONUS)**
- **Forward Repair Activities (Deployed)**
- **Sustainment/Field Maintenance**
- **Current Maintenance System**
- **Future Focus**
- **Summary**



Who We Are



Who Does Sustainment Maintenance ?



Watervliet Ars

- Tank Cannons
- Mortars
- Towed Artillery
- Recoilless Rifles

Tobyhanna AD

- Communications & Electronics
- Avionics
- Missile Guidance & Control

Anniston AD

- Combat Vehicles
- Small Arms
- Artillery

USAREUR

- CdrAvn1 (2/502nd)
- MAK (Kaiserlautern)
- MAM (Mannheim)
- MAV (Vilseck)
- NAMSA (+4K)
- OLR-EUR

Letterkenny AD

- Tactical Missile Ground Support Equipment

GOCO

Lima Tank Plant

- Abrams

Rock Island Ars

- Towed Artillery
- Hydro-Pneumatic
- Recoil Mechanisms

TACOM

Sierra AD

- Fuel Systems
- Water Systems
- Force Provider

Red River AD

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

Corpus Christi AD

- Helicopters

Pine Bluff Ars

- Chemical Defensive Equipment

KOREA

- GSMSC-K
- OLR-K

Legend

- ★ Depots
- ▲ Arsenal
- ★ Director of Logistics
- ◆ National Guard
- ▲ OLR Sites

Plus: Commercial Sources Throughout CONUS

Setting the Force

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.

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

Ammo Reset in Theater
 Processed >782M Rounds
 for > \$900M

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

1,833* Aircraft
 421 AH-64
 257 CH-47
 878 UH-60
 277 OH-58
 (*not inclusive of SOA)
 Inclusive of OIF 3

9 Patriot Battalions
 112 MLRS

3,691 Commo/Electric

2775 Missile Systems
 15,032 Missile Rounds
 50,000 Short Tons of
 Ammunition

ARMY / INDUSTRY PARTNERSHIP

- Coordinated AMC & PEO / PM logistics plan
- Workloading organic & commercial sources

Aviation Bell; Boeing; DynCorp(CSC); Defense Support Systems; Lear Siegler Inc.; Honeywell International, Inc; Sikorsky Aircraft Corp. Lesko; Foster Miller

Tracked Vehicles General Dynamics Land Systems; BAE

Wheeled Vehicles Oshkosh Truck Co. (OTC); Stewart & Stevenson; Maine Military Authority; Armor Holdings, Inc.; SwRI

Construction Equipment/Material Handling Equipment Caterpillar; Kalmar; JLG Industries; Jerome Increase Case

Chemical Defense Equipment Smith Detection Company; General Dynamics Land Systems; Bechtel; Hunter Manufacturing

Soldier Systems Guild Association, Inc.; Maine Military Authority

Small Arms General Dynamics Armament & Technical Products; Colt Defense; FN Manufacturing Inc.

Missile Systems Raytheon

Commo/Electronics R.A. Miller; Engineering & Professional Services; Raytheon; Lockheed Martin; ITT Defense; Rockwell Collins Gov't Systems; BAE Systems; SAFT America; Northrop Grumman Mission Systems; ManTech

Generators Technical & Management Service Corporation; Engineered Support Services

Ammunition Alliant Techsystems, Inc.; Esterline Armtec



Not all inclusive

Thru FY05 Workload

Forward Repair Activities (FRA) Locations in Support of OEF/OIF

CURRENT CAPABILITIES OIF and OEF

AVIATION:

- THEATER AVIATION MAINTENANCE PROGRAM- Kuwait and MSTs to Iraq & Afghanistan on call
- MAST MOUNTED SITE (MMS) TEAM-Iraq
- THEATER AVIATION SINGLE MANAGER-Iraq

COMMS/ELEC/INTEL:

- ESSC, IEW, MSE, CSLA, SWE, STAMIS, REF, COTS, Power Generation, & CGS IN Kuwait, Iraq, & Afghanistan

GROUND EQUIPMENT:

- TACOM FRA-Kuwait (includes Add-on Armor ops)
- EQUIPMENT SUPPORT ACTIVITY-Iraq & Afghanistan
- TEAM ARMOR PARTNERSHIP (TAP)-Iraq
- SMALL ARMS SUPPORT CENTER-Iraq
- TACTICAL WHEEL VEHICLE SUPPORT CENTER-Iraq (includes Add-on Armor installation)
- TACTICAL WHEEL VEHICLE REFURBISHMENT CENTER-Kuwait
- RAPID MANUFACTURING SYSTEMS-Kuwait, Iraq and Afghanistan
- TIRE MAINTENANCE CENTERS-Qatar, Kuwait, Iraq & Afghanistan
- STRYKER FRA-Iraq
- COMBAT EQUIPMENT BATTALION-Qatar & Kuwait
- REF/COTS SPT CTR

PLANNED CAPABILITIES

AVIATION:

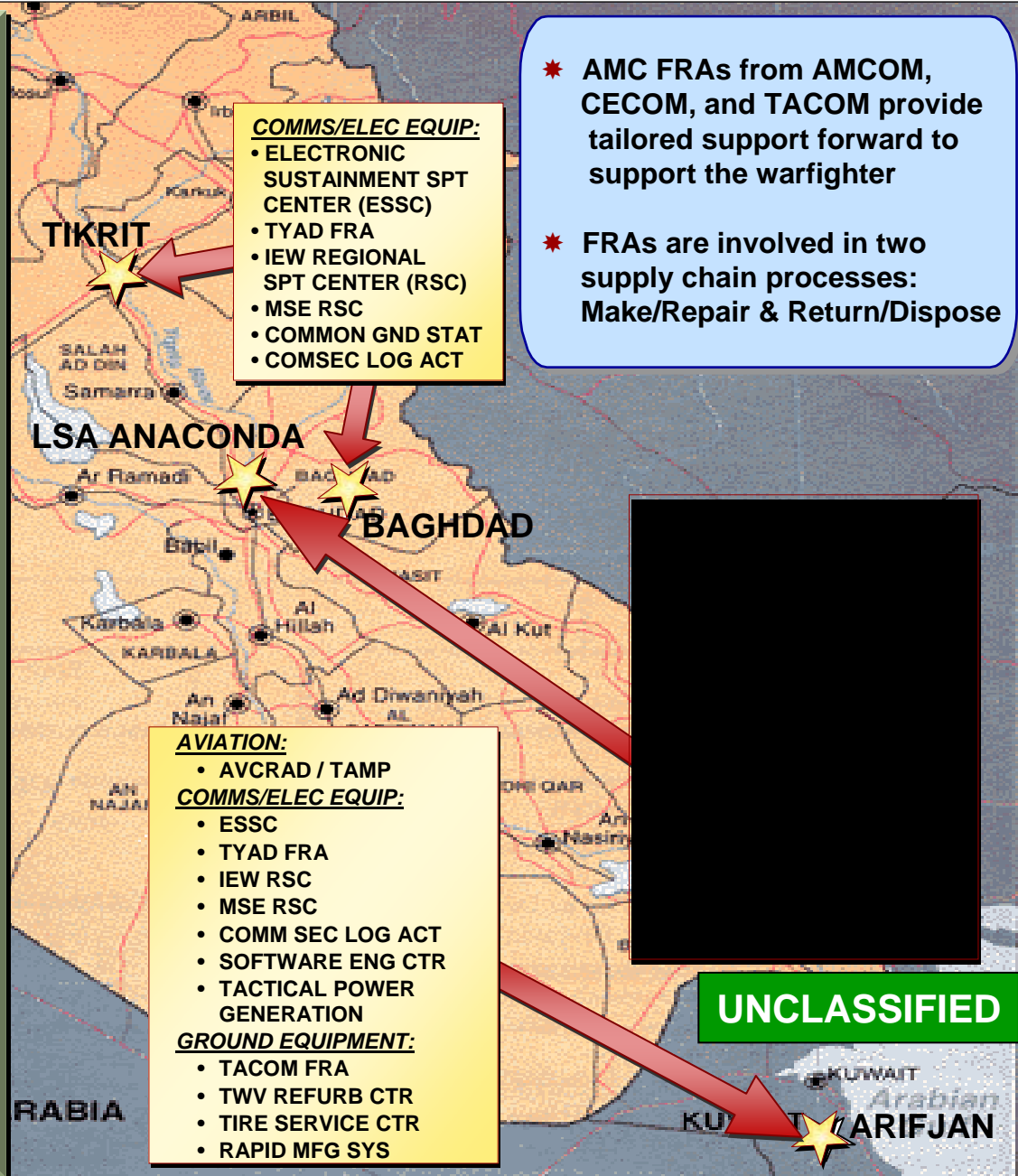
- EXTENDED DESERT MAINTENANCE-Kuwait & Iraq

COMMS/ELEC/INTEL:

- Firefinder Radar Sustainment Center-Iraq
- Circuit Card Assembly Repair Center-Iraq
- Expanded REF/COTS Support-Kuwait, Iraq & Afghanistan

GROUND EQUIPMENT:

- SMALL ARMS SUPPORT CENTER-Afghanistan
- HMMWV ENGINE REBUILD FACILITY-Kuwait
- COMPONENT REPAIR COMPANY-Kuwait

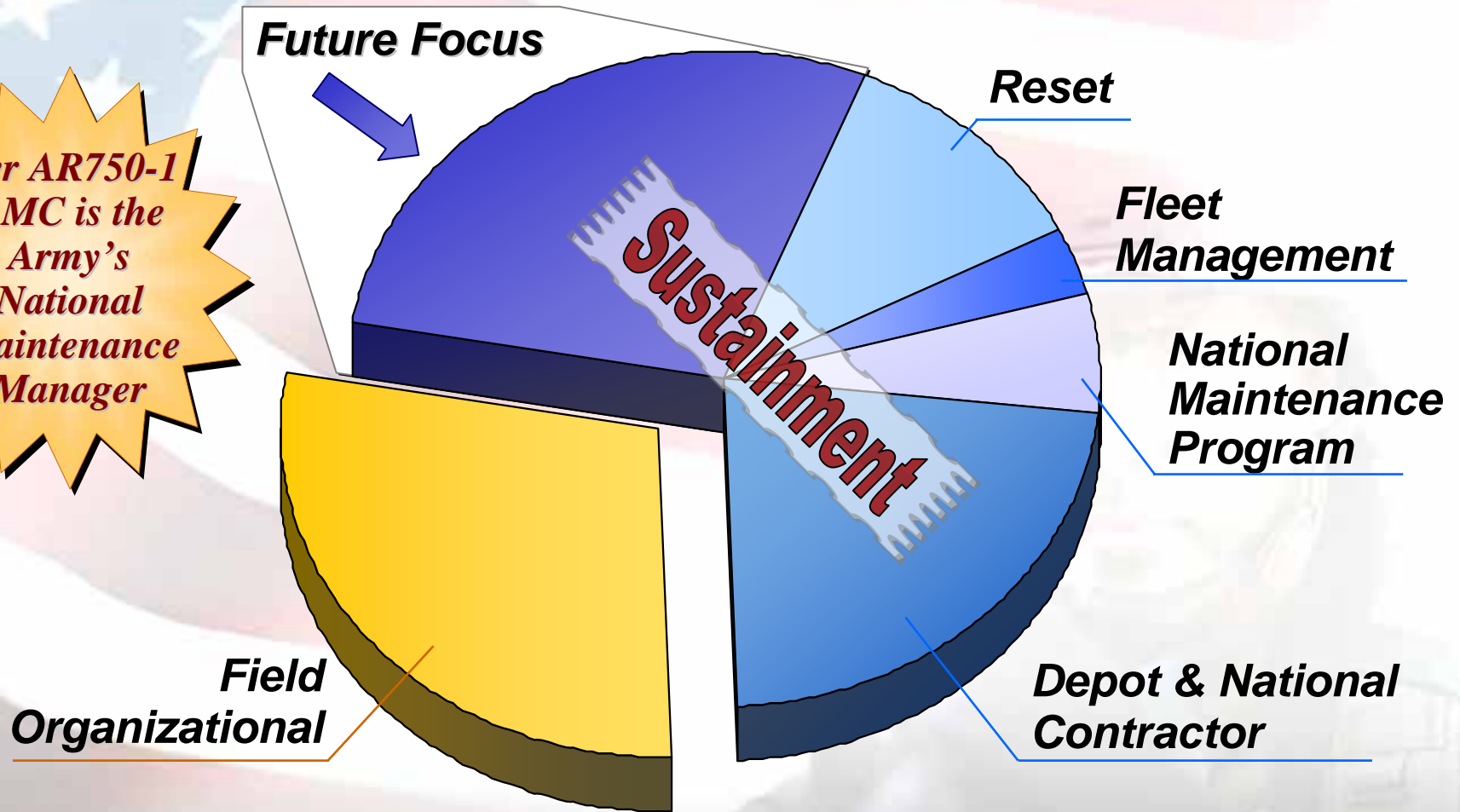


★ AMC FRAs from AMCOM, CECOM, and TACOM provide tailored support forward to support the warfighter

★ FRAs are involved in two supply chain processes: Make/Repair & Return/Dispose

Sustainment Maintenance

*Per AR750-1
AMC is the
Army's
National
Maintenance
Manager*



Graphic for Demonstration Only



Current Maintenance

System by Echelon



UNIT

Direct Support

General Support

DEPOT

A Better Way to do Maintenance Two Levels

Replace . . . On-system

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

*Levels of
Maintenance
are Blending*

Field Maintenance

Repair . . . Off-system

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

Sustainment Maintenance



The Future Focus

AMC ... the Army's National Maintenance Provider

Current Installation Functions

- Materiel Maintenance
- Supply Mgmt / Supply Operations
- Laundry / Dry Cleaning
- Food Services
- Transportation Services

Current AMC Functions at Installations

- Management of Reparables
- Centralized Ammo Mgmt (CAM)
- National Maintenance Mgmt
- Logistics Integrated Data
- Quality Assurance
- Deliver Technology

Proposed AMC Functions

- ✦ Army's Single Logistics Provider
- ✦ Prepare the Deploying Force
- ✦ Link All Industrial Base Capabilities
- ✦ Synchronize and Integrate All Logistics
- ✦ Army Sustainment Command

Why Do This?

- ✓ Train and Prepare the Way We Fight
- ✓ Single National Standard for Sustainment Level Maintenance
- ✓ Leverages Power of the National Sustainment Base
- ✓ Better Able to Support Surge Requirements



Summary

Army's Sustainment Maintenance

Today → *Future Support*

