“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”
As of 19 Oct 2006

**Presence:**
- Locations – 149
- States – 43
- Countries – 55
- Personnel: 53,181
- Contractors: 38,000+
- Total AMC in SWA – 57,279
Life Cycle Management Commands... Soldier Focused

Depots, Arsenals, Ammunition Plants
TACOM, AMCOM, C-E LCMC, CMA, JM&L

- Unity of effort between Acquisition, Research and Logistics
- Acquisition decision authority between Army Acquisition Executive and Program Executive Officers not affected

Customers
- DOD and Dept of Army
- Combatant Commands
- Allies
- Coalition
- Other Services, NASA
- Dept Homeland Security

Resources/Direction

Logistic & Maintenance Lessons Learned

Production and Fielding

Solutions

Feedback

Army Sustainment Command:
AMC’s Face to the Field

Improvement Suggestions

Acquisition

Production Decision

Technology/System Improvements

More Reliable Systems, Reduced Cost

Research, Development & Engineering Command

Future Capabilities


As of 18 Oct 06

UNCLASSIFIED
Transforming Army Materiel Command from an organization that is “Production-based, commodity-focused, and platform-centric” to one that is “Service-based, capabilities-focused, and unit-centric” -- GWOT

**ORGANIZATIONAL CHANGE**
- Life-Cycle Management Commands
- Army Sustainment Command
- Army Field Support Brigades
- Brigade Logistic Support Teams
- Base Realignment and Closure (BRAC)
- Surface Deployment and Distribution
- Installation Maintenance and Ammunition Facilities
- Security Assistance

**CULTURE OF INNOVATION**
- Safety
- Lean Six Sigma
- Depot Commanders Course
- Outreach to Industry
- Partnerships
- Performance Based Logistics
- Rapid Review Teams
- Research & Development/Technology to the Warfighter
- Army’s Greatest Inventions
- Human Capital Strategy

**COMPLEX SERVICES**
- Support to ARFORGEN
- Forward Repair Activities
- Unit-focused RESET
- Small Arms Repair Teams
- Left-Behind Equipment
- Theater Provided Equipment
- Add-on-Armor / Safety
- LOGCAP & Contingency Contracting
- Fleet Management
- Industrial Capabilities
- Ammunition Enterprise
- Chemical Storage & Demil

**KNOWLEDGE MANAGEMENT**
- Condition Based Maintenance
- Global Help Desk
- Central Technical Support Facility (CTSF)
- Logistic Automation Test Bed at Sierra Depot
- Factory-to-Foxhole Visibility
- Single Army Logistics Enterprise
- Lessons Learned
- Quantitative Metrics and Analysis

End State
- “Cradle-to-Grave Capabilities Support”
- “Efficient Production Processes”
- “Customer Focused Solutions”
- “Data Driven Decisions”
Achieving optimum small business participation by seeking small business solutions first

**AMC contracts for:**
- Weapon systems and equipment
- R&D
- Spare parts
- Maintenance
- Other services (e.g. IT, Engineering Support, Logistics, etc.)
Small Business is Big Business At AMC

Total Contracts $ 41 Billion
Small Business $ 6.1 Billion

Total 2006 as of 12 Oct
Small Business
A Critical Component of our Defense Industrial Base

Supporting America’s Warfighters …
in Army Transformation

• Small Business Innovative Research

  and on the battlefield today

• Unmanned systems, mine detectors
• Uniforms, body armor, ballistic blankets, munitions
• Air beam maintenance shelters and lightweight tactical tents
• Batteries, antennas, night vision components, hand-held signal devices

CAPABILITY, CAPABILITY, CAPABILITY!
Success Stories

• 40MM Grenade Family of Munitions
• Full Spectrum Active Protection Close-In Layered Shield (FCLAS) System
• Army Prototype Integration Facility
• SATCOM Transportable Terminals
• Dual band Antenna
• Multi-Function Controlled Robot
• Micro Fuel Cell Systems for Portable Devices
40MM Grenade Family of Munitions
Empowering Small Business

Critical Munition for the Warfighter!

- Small Business Is the 40MM Industrial Base
- PM Maneuver Ammunition Systems (PM MAS)

Empowering Small Business:
- Implemented a Systems Approach With Contractors Leading
  - Two Joint Venture Small Business Teams
  - Two 8A Team Members
- Approached Products as a Family Not as Individual Items
FCLAS
(Full Spectrum Active Protection Close-In Layered Shield) System

FCLAS System
(Full Spectrum Active Protection Close-In Layered Shield)

FCLAS Sensor
Detected inbound missiles, triggered detonation of FCLAS countermeasure
Developed by Chang Industry

FCLAS Test Results
Interception of threat by countermeasure
Steel target plate indicating no penetration

UNCLASSIFIED
Small Business Support: Joint Venture Yulista, an 8(a) Company, and Science & Engineering Services Inc. have established an Aggressive Small Business Subcontracting Program with 123 Small Businesses Participating.

Scope: Manufacturing, Technical & Hardware Support As Prime Contractor Supporting the U.S. Army Prototype Integration Facility (PIF), Redstone Arsenal, AL.

Contract Ceiling: $1.4 Billion (10 year – 2002 to 2012)

Obligations To Date: $641 Million
SATCOM TRANSPORTABLE TERMINALS

- Provided by Datapath, Inc., Duluth, GA

- Provides intra-theater satellite communications transmission for the Modularized Force Structure supporting UE/AU communications

- Ku-Band trailer designed for future Ka-Band upgrade

- Trailer chassis equipment common to High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) and High Mobility Trailers (HMT)

Part of Commercial SATCOM Terminal Program
SBIR Success Supporting OEF / OIF

Small Multi-decade Communications and Electronic Warfare (EW) Antenna

- First RF Corporation, Boulder, Colorado developed Passive Antenna technology
- Two basic antenna approaches utilizing First RF antenna technology
  - Monopole technology
  - Slot technology
Multi-function Controlled Robot

Low-cost platform intended as a disposable-type asset to address otherwise problematic technical support/logistics of complex, expensive robots

Developed by: Exponent®
Ultracell Corporation (Livermore, CA)

• Micro fuel cell systems for portable devices.

• UltraCell is delivering complete fuel cell systems to OEM customers in mobile computing, military, and ruggedized portable applications.

• The Communications-Electronics Research, Development, and Engineering Center has been working with Ultracell on the development of the XX25, a 25W Reformed Methanol Fuel Cell for Soldier Power applications.

The Ultracell XX25 units will be extensively evaluated against Military-Standard testing specifications by CERDEC
Army Focus Areas
Potential Business Opportunities

• FCS technologies
• Force Protection
• Weight/cube reductions
• Power management
• Advanced sensor development
• Thermal imaging & optics
• Miniaturization & nanotechnology
• Unmanned/autonomous systems/robotics
• Wireless network technologies
• Logistics & supply chain management
• IT Support
How You Can Help

• Provide effective responses to sources sought notices

• On time delivery on all contracts

• Feedback on how to work smarter together

• Small Business Innovation Research- Maintain situational awareness of current and emerging needs and respond

• Identify alternative technology solutions to those currently being pursued

• Continue to become more effective and efficient – Lean your processes
Large Business Participants

- AAI Corporation
- Alliant Techsystems
- Armor Holdings
- BAE Systems
- CSC
- DRS Technologies
- EDS
- General Dynamics
- Lockheed Martin
- Northrop Grumman Corporation
- Oshkosh Truck Corporation
- ITT
- SAIC
- The Boeing Company
- VSE Corporation