Develop, acquire, field, and sustain Soldier and ground systems for the Warfighter through the integration of effective and timely Acquisition, Logistics, and cutting-edge Technology

What we do (Core Competencies):
- Acquisition / Program Management
- Logistics, Industrial Operations, and Contracting
- Research, Development, Engineering

The Magnitude:
- 141 Allied Countries Own TACOM Equipment
- Every Army Unit has TACOM Equipment
- Approximately 3000 Fielded End Items
- 29,000 Components

The TACOM LCMC Product Lines:
- Combat Vehicles
- Trailers
- Materiel Handling Equipment
- Fuel & Water Dist Equipment
- Chemical Defense Equipment
- Howitzers
- Commercial Vehicles
- Tactical Vehicles
- Construction Equipment
- Tactical Bridges
- Armored Security Vehicle
- Route Clearing Vehicle
- Sets, Kits & Outfits
- Shop Equipment
- Large Caliber Guns
- Watercraft
- Mortars
- Aircraft Armaments
- Rail
- Fuel & Lubricant Products
- Rifles / Machine Guns
- Soldier Equipment
- Rapid Fielding Initiative
- Mine Resistant Ambush Protection

We support a diverse set of product lines through their life cycles, from combat and tactical vehicles, armaments, watercraft, fuel and water distribution equipment, to soldier, biological, and chemical equipment.
Moving to Life Cycle Management

Operating and Support Cost
- R&D Cost: 7%
- Production Cost: 21%
- Disposal Cost: 72%

Requires a change in leadership focus

Unclassified
LIFE CYCLE MANAGEMENT IS NOT LINEAR

Program Executive Offices (PEOs)

Research, Development, & Engineering Centers (RDECs)

Integrated Logistics Support Center (ILSC)

Support Functions (Industrial Operations, Contracting, Legal, Testing, Staff Support)

Joint Warfighter Requirements

Concept Refinement

Technology Development

System Development & Demonstration

Production & Deployment

Sustainment & Upgrade

Removal from Inventory

The objective is to get products to the warfighter faster, make our good products even better, minimize life cycle costs, and enhance the effectiveness and integration of our Acquisition, Logistics, and Technology communities.

Apply Life Cycle Upgrades to Systems faster, make our good production even better, minimize life cycle costs, and enhance the effectiveness and integration of our Acquisition, Logistics, and Technology communities.
You should not expect different results if you keep doing things the same way.

As easy as shooting ducks!
Funding within the Life Cycle

Joint Warfighter Rqmts → Concept Refinement → Technology Development → System Development & Demonstration → Production & Deployment → Sustainment & Upgrade → Removal from Inventory

RDT&E

APA/OPA

M1A2 SEP

M88A2

AWCF / OMA

M1A1

M88A1

Unclassified
It Isn’t That Tough
LCMC TRANSFORMATION CHALLENGE

Joint Warfighter Reqsmts

- Concept Refinement
- Technology Development
- System Development and Demonstration
- Production and Deployment
- Sustainment and Upgrade
- Removal from Inventory

RDT&E
PA
AWCF / OMA

- CONCEPTUAL BARRIERS
- FINANCIAL BARRIERS
- POLICY BARRIERS
- LEGISLATIVE BARRIERS
- CULTURAL BARRIERS
- ORGANIZATIONAL BARRIERS
Partnering in End Items

- Abrams AIM/SEP Tank
  - GDSL ↔ ANAD

- Bradley Fighting Vehicle
  - BAE ↔ RRAD

- Stryker Battle Damage Repair
  - GDLS ↔ ANAD

- HEMTT Reset
  - Oshkosh ↔ RRAD

- FMTV Reset
  - BAE ↔ RRAD

- HMMWV Recap
  - AM General ↔ RRAD

- MRAP
  - BAE ↔ LEAD

- ASV
  - Textron ↔ RRAD

- FCS Cannon
  - GDOTS ↔ WVA
Partnering in Components
Refurb/Upgrade

TIGER Tank Engine Partnership

*Program*
- Execute a 5 Year Integrated program to sustain the AGT 1500 fleet to an average MTBDR of 1400 hours without increasing O&S Costs

Bradley Transmission Partnership

*Program*
- Pure Fleet to HMPT 500-3ECB
  Leverage, RESET, RECAP & Attrition

CAT Engine Rebuild
- *RRAD*

*Program*
- Furnish engines for reset, reman, or overhaul

Unclassified
Condition Based Maintenance

- Functional data from electronic control modules
- Platform sensors and Data
- Automatic data collection, storage, and transmission (transparent to the unit)
- Unique Item Tracking to key components
- Maintenance and Logistics analytical tools and reports
- Correlate Maintenance actions with data collected and shared with industry
- Risk reduction with Fort Knox Fielding
- Establishes the foundation for the LCMC CBM+ Capability

Vehicle Configurations

- x15
- x10
- x29
- x40
- x6
- Ft. Knox
- 2BCT - 4ID Ft. Carson
- One CAB

Giving Industry Visibility of their Systems
Need Industry to Drive Smart Decisions
Army has a Life Cycle Focus

• **Continuous product improvement**
  – Performance based logistics
  – Let us know when we make bad TRADES

• **Industry must be fast and agile**

• **Condition Based Maintenance needed**
  – Provide access to system data
  – Need industry help
  – Will be readiness and business case driven
Bottom Line