CTO Priorities

• **Warfighter Issues**
  – *Improved Operations*
    - Effectiveness (lethality, accuracy, endurance)
    - Survivability (protection, agility, stealth, medical)
    - Force Protection (defensive systems, detection, armoring, chemical - biological defense)
    - Sustainability (lighter / combined equipment, longer missions, better batteries)
  – *Direct Warfighter Support*
    - Logistics (supply chain management in the field, equipment reliability)
    - Teaming (e.g., Network & Info Centric Operations at the tactical or operational level)
    - Surveillance, tagging and tracking (blue and hostile forces tracking, friendly identification)
  – *Warfighter Employment*
    - Planning capabilities (large unit employment)
    - Coordinating capabilities (Network / Info Centric Operations at the strategic level)
    - Transport capabilities (getting to and from the fight)
    - Operational readiness (equipment availability, maintainability, training)

• **Other National Priorities, as provided in Defense Planning Guidance (DPG)**
FCT Performance Metrics

The Past 28 Years:

- 581 Projects Started, 507 Completed
- 271 Projects Met Service Requirements
- 193 Projects - Procurements Worth over $8.5B

- Participation of 28 Allied & Friendly Countries
- OSD Investment: $1.1B (Constant FY08 $$)
  - Estimated RDT&E Cost Avoidance: $7 Billion

- Accelerated Fielding Averaging 5-7 years
- Procurement Rate over 80% in the Past 7 Years

Bilateral Benefits: Vendor Teaming with U.S. Industry in 33 States
DAC Performance Metrics

Key Program Success Metrics:

Since the program inception in FY2003, OSD has initiated 105 projects;
  • 38 projects have been completed to date,
  • 28 met Service or Agency testing requirements,
  • 23 have transitioned to PoR (over 80% transition to procurement rate)
  • 4 projects were terminated due to inability to satisfy testing or
    Program of Record priorities.

Results:

66 projects funded at $91M

23 projects have procurements that total $320 million,
  • 16 projects have yielded capabilities currently deployed to our
    warfighters in Iraq, Afghanistan, or at U.S. training facilities.
  • Return on Investment ~ 9:1,
  • Participation from 85 companies, 36 states.
CTO & Warfighting Operations

- AT-4 CS
- Multi-Role Anti-Armor Anti-Personnel Weapon System - MAAWS
- Close Quarter Battle Pistol
- Muzzle Break Sound Suppressor for MK48 and M240
- 20mm Anti-Material Rifle
- AT-4CS (Confined Space) Enhanced Blast Tandem Warhead
- Advanced Demolition Weapons
- 30mm Programmable Air Burst Munitions
- High Rate-of-Fire .50 Caliber Machine Gun
Continued

40mm Enhanced Grenade Launcher Module for M4 Carbine

7.62mm Lightweight Machine Guns and Semi-Rigid Ammo Container

Joint Ranger Anti-armor, Anti-personnel Weapon System Ammunition Upgrades, Phase I

Joint Service Combat Shotgun

5.56mm Lightweight Machine Gun
Ammunition

- 20mm Replacement Round
- Lightweight Hand Grenade
- Advanced Lightweight Grenade Launcher Ammunition (ALGL-A)
- 30mm APFSDS-Tracer
- 40mm Low Velocity, High Explosive Dual Purpose
- 40mm High Explosive Dual Purpose
- 40mm Dud-Reducing M430A1E1 Cartridge
- 40 mm Practice Grenade
- 9mm Reduced Environmental Hazard Ammunition (REHA)
Training Devices / Non-Lethal Systems

- M4/M16 Training Bolt
- Individual Serviceman Non-Lethal System
- Special Effects Small Arms Marking System for M249 SAW
- 40mm Tactical Marking, Day/Night Training Cartridges
- 7.62 mm Short Range Training Ammo
- MK47 Crew-Served Weapon Trainer
- 21mm Trainer for M72 Light Anti-Tank Weapon
- Dismounted Infantry Virtual Simulation for Military Operations in Urban Terrain
When a Vendor Walks Through My Door …

… I don’t want to hear what they are selling

… I want to hear what problem they are solving for the warfighter

… Some indication that they…

- Have done their homework
- Understand the problem

… And only then how they propose to solve it.
## DAC & FCT Key Points of Contact

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