ARMY T&E:
PROVIDING ESSENTIAL INFORMATION TO AN ARMY AT WAR

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March 15, 2007
NDIA, T&E Conference
ATEC Mission

• Plan, conduct, and report the results of tests, simulations, experiments, and evaluations to Acquisition decision makers in order to ensure our Army’s Warfighters have the right capabilities for success across the entire spectrum of operations.

• Conduct rapid testing in direct support of the GWOT warfighter in order to provide capabilities and limitations of untested weapon systems issued directly to Soldiers conducting combat operations (Iraq/Afghanistan).
Tenets of Testing

- Standards are the same
  - GWOT
  - Normal Acquisition
- Test Strategy tailored to meet Acquisition Strategy
- Must answer 2 Questions
  - “Does it work…How do I know?”
Testing for Traditional Acquisition

“Does It Work...How Do I Know?”

Effective
Suitable
Survivable
System Evaluation Report

Operational Test
Developmental Test
Live Fire
Modeling and Simulation

Full Spectrum of Testing
DT/OT

ONLY Service with Integrated DT/OT
Testing in Support of GWOT

- Streamlined
- T&E Concept
- Testing
- Reporting
- Test-Fix-Test

JIEDDO PM RDEC’s REF Users in Theater

Safety Confirmation

Field Use

Fix

Update Report (CLR)

Test-Fix-Test

“Does It Work...How Do I Know?”

Fixes in hours and days!

T&E Concept

Capabilities & Limitations Report (CLR)

FOA

Update Report (CLR)
Tailored Testing Examples

GWOT DT/OT
Less Than 90 Days

Armor Coupon Shots – 48-hr Response to Theater

Scan Eagle
DT/OT - 44 Days

C&L Report - 12 Days

Packbot Scout

RG-31
DT/OT - 58 Days

MastCam
C&L Report - 6 Days

“Does It Work...How Do I Know?”
Tailored Testing

Managing Risk

- Tailor each weapon system T&E concept
- Full Spectrum vs. OIF/OEF
- Environmental
- Durability: Combat Opns today vs. Full Life Cycle Reliability

Rapid Acquisition Testing Gaps

- Interoperability
- TTP/CONOPS
- Training (Leader, Individual, Collective, Sustainment)
- Logistics Concept
- Not all systems fit the Rapid Testing “Model”

“Does It Work...How Do I Know?”
MISSION:

- Provide Essential Info to Sr. Army Leadership
- Test & Collect data on selected Warfighting systems
- Multi-Unit Liaison with MNC-I, CFLCC, CJTF-76, and CENTCOM HQs
- Obtain direct feedback from Soldiers

“Does It Work...How Do I Know?”
Summary

- ATEC Fully Engaged in GWOT
- Not all systems fit the Rapid Testing “Model”
- Right Size the Test
- Mitigate the Risk
- Follow the System thru GWOT & Beyond
- “Does It Work…How Do I Know?”