T&E in a Constrained Fiscal Environment

“More Bang for the Buck”

JAMES C. COOKE
Assistant Deputy Under Secretary of the Army
Test and Evaluation

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CBDP T&E Executive
What we do

• Ensure Early T&E Involvement of all Services
• Develop T&E infrastructure strategy
• Provide Joint CBDP T&E policy guidance, threat support, requirements for test capabilities
• Establish and promulgate T&E Standards

Responsibilities to the Leadership

• Shape the current and future T&E Enterprise and Infrastructure to ensure appropriate and adequate data/information can be obtained from test events
• Offer independent advice to the Secretary, CSA/VCSA, and CBDP on the adequacy and impacts of information used to support critical decisions with identified risks
ADUSA(T&E)
Strategic Function

End: Governance of T&E Enterprise for Secretary of the Army

Drive the Enterprise (test, instrumentation, analysis, and hooks to labs and depots)
to ascertain effective, integrated solutions to gaps faster and cheaper

in order to
Provide quicker, useful, sustainable solutions to problems

Ways: Policy Regulation Budget Oversight

Means: Formulate & issue policies on best practices

Impacts on:
- T&E Community
- ASA(ALT)
- ARSTAFF
- TRADOC-ARCIC
- M&S
- Education (DAU)

Formally instantiate best practices through design of:
- Structure
- System
- Processes

Through proponency for:
AR 73-1 (T&E Policy)
AR 70-1 (test portion of Army Acq Policy)

Perform analysis and integration across POM to achieve optimal ROI across portfolio:
- Ranges / Labs
  - ATEC
  - SMDC
  - ARL/SLAD
- Instrumentation
  - PEO STRI
  - PM ITTS
  - Buy targets
- Evaluation / Analysis
  - AEC
  - RDECOM:
    - AMSAA
    - ARL/SLAD
- M&S Support to T&E

Formulate Enterprise strategy
Approve TEMPs for all ACAT I and OSD oversight programs

Site Visits
Global Awareness of Enterprise and program status for Army Secretariat
- Strategic direction
- Requirements cost drivers
- OSD interests/concerns
- Connections (requirements, S&T, Depots, M&S, AoAs)
Value of T&E: Enterprise Evaluation
“Big E” Strategic Value Focus

- Strategic Plans
- Deployment Plans

- Analysis & Evaluations
- Informs Decisions

- Operational Plans
- Informs Decisions

- Evaluated Data

- Test and Field Data

- Strategic
  - Is the value worth the investment?
  - Marginal ROI and relative mix?

- Operational
  - Is there value in deploying this if we have it?
    - Force Structure
    - Basis of Issue Plan (BOIP)
    - Commander use and utility

- Tactical
  - Does this work in an operational environment?
    - Military Occupational Specialty (MOS)
    - Training

- Item-level Test
  - DT/OT – Does it work well enough to field?
  - S&T - Is it ready to develop as a fieldable system?
Enterprise Linkage:
Feedback Loops Critical for Preparedness

**Prevent, Protect, Respond, Recover Spectrum**

**“Left of the Boom”**
Training, Exercises

**“Right of the Boom”**
Inform Mitigate

**Hazards/Capabilities Surveillance --> Preparedness**

**Figure Out**
Detect Assess

**Requirements RDT&E Acquisition Fielding Deployment**

Feedback Loops Identify Gaps in Processes, Capabilities
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Program Silos, Disparate data: Lack of efficiency, quality

T&E Stairway to Heaven

- T&E Standards Publishing, 2011, ongoing
- T&E Standards Development with Inter Agency Cooperation, 2010, ongoing
- ISO Certification, Lab Accreditation, 2013-16
- COTS Standardization Concept Development, 2012
- COTS Standardization implementation, 2014, ongoing

W. O. G. approaches

- Validated vendor claims
- System characterization for “fit for purpose” procurement
- Quality data shared by all

T&E Standards Development with Inter Agency Cooperation, 2010, ongoing
CBRND Interagency TECMIPT

T&E Capabilities and Methodologies IPT

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