Purpose:

Provide NDIA Symposium An Overview Of U.S. Army, PEO STRI, PM ITTS TMO Activities

“Tools and Technologies for the Warfighter”

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False Impression Caveat

It should be explicitly noted that the U.S. Government makes no official commitment nor obligation to provide any additional detailed information or agreement of sale on any of the systems/capabilities portrayed during this presentation that have not been authorized for release.
OUTLINE

- Mission
- Activities
- Customer Base
- Organization (Tie-in with Testing & Training)
- Recently Developed Products
- Future Efforts
- Summary
MANAGE THE LIFE CYCLE ACQUISITION OF TECHNICALLY OPTIMIZED, INTEROPERABLE AND ADAPTABLE TARGETS, TARGET CONTROL SYSTEMS AND GROUND RANGE SYSTEMS USED IN THE LIVE AND VIRTUAL TESTING, TRAINING AND MISSION REHEARSAL ENVIRONMENTS, PROVIDING BEST VALUE PROCUREMENT, AND SUPERIOR LIFE CYCLE SUSTAINMENT AND OPERATION WHEN REQUIRED, FOR THE U.S. ARMY TRANSFORMATION, FUTURE FORCES, JOINT SERVICES, ALLIED CLIENTS AND GOVERNMENTAL AGENCIES
PRIMARY ACTIVITIES

Based on customer target requirements

• Aerial – Fixed and Rotary Wing
• Mobile Ground / Foreign Materiel
  - “Real Deal Steel”
  - Surrogates
• Virtual – Models and Simulations
• Precision Targetry Systems
• Auxiliary / Ancillary Equipment
WHAT WE DO

Develop products

Buy products

AND we

- Fly ‘em
- Drive ‘em
- Fix ‘em
What we have developed recently

- Low Cost Movers
- Threat Vehicle Surrogate Targets
- Virtual Targets
- UAS-Ts
- JCHAAT
Things we plan to develop/purchase in the next five years

Precision Targets

Looking at technology areas to enhance current capabilities

Fully Mission Capable Threat Targets

RPVTs

Rotary Wing Targets
An Individual Product we plan to develop/purchase during the next five years

Precision Targets

Develop state-of-art signature technologies and applications for use on existing targetry or new targetry development efforts to support Army requirements.

Develop concepts that:
- Minimize cost
- Maximize signature fidelity – visual and thermal
- Minimize logistic requirements – reduce handling cost, easily transportable, easy to assemble, recyclable
- Maximize utility – adaptable to CCD&O technologies
An Individual Product we plan to develop/purchase during the next five years

Fully Mission Capable Threat Ground Targets

Acquire and field fully mission capable latest version, Foreign Threat Mobile Ground Targets (MTB, IFV, and APC) to meet emerging requirements for threat representative missions.

Capabilities will include:
Operational Turrets
Communications
Shoot-back capability
Operational Sights
Smoke (VEESS, launchers)
Ancillary Equip
An Individual Product we plan to develop/purchase during the next five years

Remotely Piloted Vehicle Targets

Provide targets with ancillary devices and contractor support services for STRAC mandated live-fire crew gunnery weapon qualifications and missile engagement events.

Government Owned/Contractor Operated Aircraft.
An Individual Product we plan to develop/purchase during the next five years

Rotary Wing Targets

Present realistic, threat representative, helicopter targets for use by Test and Evaluation and by Training groups worldwide.
SUMMARY

**TMO:**

- ALWAYS LOOKING FOR BETTER, FASTER, CHEAPER PRODUCTS FOR OUR CUSTOMERS
- RECOGNIZED LEADER OF AERIAL AND GROUND TARGETS
- READY TO RESPONSIBLY SUPPORT T&E AND SPECIAL TRAINING REQUIREMENTS

NEED INDUSTRY TO CONTINUE PROVIDING STATE OF THE ART TECHNOLOGIES FOR ADAPTATION AND INCORPORATION INTO TARGETRY