Purpose:

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

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

- Who We Are
- Mission
- Activities
- Organization (Tie-in with Testing & Training)
- Recently Developed Products
- Future Efforts
- Summary
TMO MISSION

• MANAGE TOTAL LIFE CYCLE OF TARGETS, OPERATIONAL THREAT VEHICLES, TARGET CONTROL SYSTEMS AND GROUND RANGE SYSTEMS USED IN LIVE AND VIRTUAL TESTING AND TRAINING.

• PROVIDE BEST VALUE ACQUISITION, SUPERIOR LIFE CYCLE SUSTAINMENT AND OPERATION FOR THE U.S. ARMY, DoD AND INTERNATIONAL CUSTOMER.

• EXECUTE MISSIONS AS ASSIGNED OR DIRECTED BY PEO STRI AND PM ITTS.
PRIMARY ACTIVITIES

Based on Customer Target Requirements

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

Develop products

Buy products

AND we

Fly

Drive

Sustain
AERIAL TARGETS

- Turnkey Operations
- Target Systems Flight Services Supporting Army and Tri-service Test, Training and FMS Requirements
- Low Cost

Simulate Aerial Threats World-Wide in Live and Virtual Domains
MOBILE GROUND TARGETS

Centrally Manage and Execute:
• Over 480 assets
• Mobile Ground Targets for development and operational testing
• Multiple usage options:
  - Rent
  - Lease
  - Buy
• Provide accreditation support

Threat Representative Targets in Live and Virtual Domains
VIRTUAL TARGETS

• **Virtual Targets Project**: Building simulation target models capable of being used in synthetic signature prediction analysis software programs

• **Target Generation Laboratory**: Transitioning CAD models into simulation compliant visual, infrared, and radar frequency simulation target models

• **Army Model Exchange**: Distributing simulation target models to simulation developers throughout the Army T&E community
WHAT WE HAVE DEVELOPED/ PURCHASED RECENTLY

Precision Target Signature

URAL 375

T-72

BMP-2

UAS-T

JCHAAT

Virtual Targets
SUMMARY

**TMO:**

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

NEED INDUSTRY TO CONTINUE PROVIDING STATE OF THE ART TECHNOLOGIES FOR ADAPTATION AND INCORPORATION INTO TARGETRY
PROVIDING/OPERATING AERIAL, GROUND & VIRTUAL TARGETS