

PM TRADE



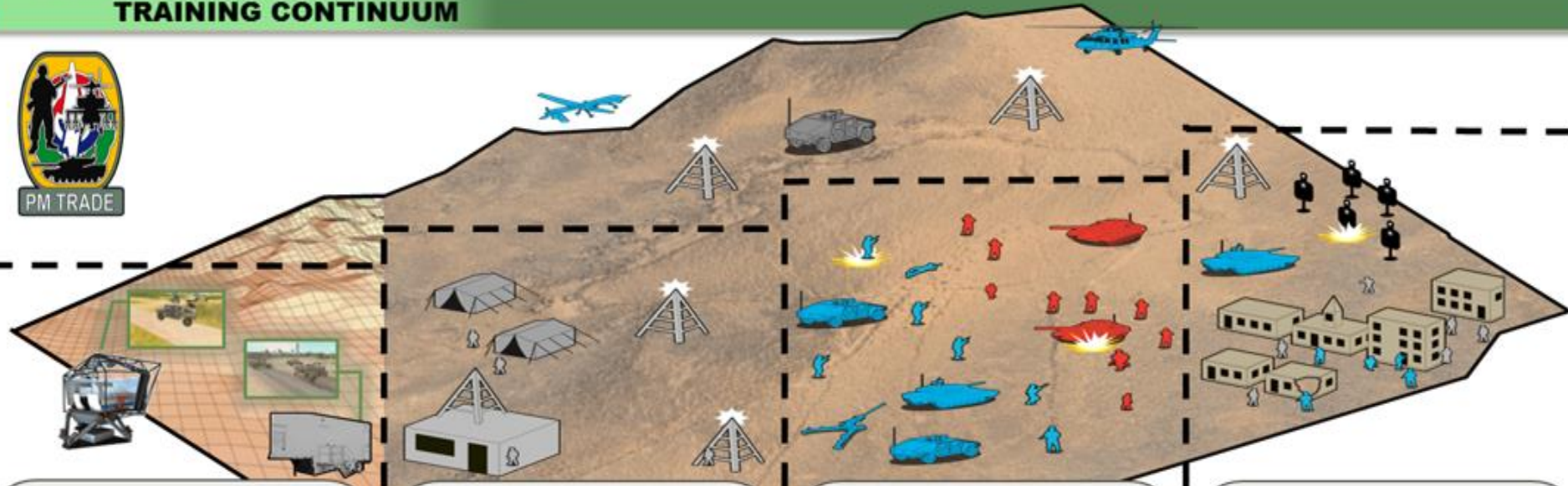
Scott Pulford

Acting Project Manager Training Devices

Virtual

Live

TRAINING CONTINUUM



PdM GCTT

Individual & Crew Skills
Driver, Operator, Gunnery, Maintainer
Virtual Skills



PdM CTIS

Bde Level Instrumentation
ExCon, Comms, MC, Data Mgmt & AAR
CTC Instrumentation



PdM LTS

Bn Level Instrumentation
Combined Arms Engagement Pairing
Force-on-Force



PD DT

Instrumented Urban Operations
Live Fire Ranges & Battlefield Effects
Force-on-Target

Shared Assets & Architectures

PL TRADE
Product Line Management

Standards & Governance

EUCOM ★ CENTCOM ★ AFRICOM



NORTHCOM ★ PACOM ★ SOUTHCOM

PL FMS

Enabling Training Readiness for our Partner Nations

**Homestation -
Institution**

Program integration to achieve required training system capabilities

Combat Training Centers

Deployed



Business Opportunities Summary

<u>Organization</u>	<u>Program</u>	<u>RFP Release</u>	<u>Award Date</u>
PD DT	LCPM	4 th Qtr FY17	3 rd Qtr FY18
PD DT	IMTS	4 th Qtr FY17	2 nd Qtr FY18
PD DT	TRACR Plus	3 rd Qtr FY18	1 st Qtr FY19
PD DT	Udairi Range	3 rd Qtr FY18	4 th Qtr FY18
PdM LTS	I-MILES Competitive	1 st Qtr FY20	2 nd Qtr FY21
PdM GCTT	Abrams ED/TT	3 rd Qtr FY17	2 nd Qtr FY18
PdM GCTT	Abrams MTS SEpv3	2 nd Qtr FY19	1 st Qtr FY20
PdM GCTT	AMPV MTS	4 th Qtr FY19	4 th Qtr FY20
PdM GCTT	CDT	3 rd Qtr FY18	3 rd Qtr FY19
PdM GCTT	Stryker MTS	4 th Qtr FY17	3 rd Qtr FY18
PdM GCTT	CEVT	1 st Qtr FY19	2 nd Qtr FY19
PdM GCTT	FSCATT	TBD	TBD
PdM GCTT	WTCS V2	1 st Qtr FY19	3 rd Qtr FY19
PdM CTIS	JRTC-IS LE NEPA	3 rd Qtr FY18	4 th Qtr FY18
PdM CTIS	JRTC-IS LE	TBD	TBD
PL TRADE	CPM Plus	3 rd Qtr FY18	2 nd Qtr FY20

Note: All Dates are Tentative



TRACR (Targetry Range Automated Control & Recording) Plus

Description/Summary of Program Requirements

- Sustainment and support for Government owned target control software
- TRACR/TRACR Suite configuration management
- TRACR/TRACR Suite Information Assurance/Risk Management Framework
- TRACR Help Desk to user community
- Refresh and sustain FASIT standards/documentation
- Support for TRACR Army wide upgrades
- Other TRACR related upgrades/enhancements





ACQUISITION STRATEGY

- Acquisition Strategy: Pending Market Research
- Contract Vehicle: Single award IDIQ
- Contract Type: Firm Fixed Price + Cost

PERIOD OF PERFORMANCE

- Base year plus four one-year options

MILESTONES

2 nd Qtr FY17	2 nd Qtr FY18	3 rd Qtr FY18	1 st Qtr FY19
			
RFI Release	PALT Initiation	RFP Release	Contract Award

POINT OF CONTACT

Organization: PM TRADE
Phone: (407) 384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- Estimated: \$18M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- CARTS Delivery Order



Udairi Range Complex – Targetry Upgrades

Description/Summary of Program Requirements

Udairi Range, Kuwait - Target Lifter Modernization for Fixed and Deployable Ranges.

Acquisition of portable (deployable) target lifters and all associated equipment, documentation, spares, and training in support of the modernization of 13 ranges at the Udairi Complex in Kuwait. Requirement totals approximately 2200 target lifting mechanisms, batteries, solar panels, and other support equipment, range and target radios, range control systems, and other equipment as required to support operations.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES			
<ul style="list-style-type: none">Acquisition Strategy: Pending Market ResearchContract Vehicle: TBDContract Type: Firm Fixed Price	<ul style="list-style-type: none">FY18-FY19	1st Qtr FY18 ▲ RFI Release	2nd Qtr FY18 △ PALT Initiation	3rd Qtr FY18 △ RFP Release	4th Qtr FY18 △ Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)			
<p>Organization: PM TRADE</p> <p>Phone: (407) 384-5201</p> <p>Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</p>	<ul style="list-style-type: none">Estimated Range: \$20M-\$23M	<ul style="list-style-type: none">N/A			



I-MILES Relevancy Contract-Competitive

Description/Summary of Program Requirements

I-MILES is a critical component to live force-on-force training capability that impacts the overall training effectiveness for units to operate in a training environment. Ensuring the systems remain available, operational and concurrent with evolving technology for the next 30 years is essential.

The I-MILES Relevancy Contract-Full & Open is an effort to address I-MILES relevancy as (1) IMILES product line systems approach end of useful life (beyond economically repairable), (2) platform and weapon systems technologies continue to evolve, and (3) Army - Tactical Engagement Simulation System (A-TESS) capabilities requirement implementation is delayed.

The contract will address required MILES component replacement issues that occur as Live Training Engagement Composition (LTEC)/Live Player Area Network (LPAN) software matures. The contract(s) will replace Legacy MILES components that reach EUL/BER.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES			
<ul style="list-style-type: none">Acquisition Strategy: CompetitiveContract Vehicle: TBDContract Type: TBD	<ul style="list-style-type: none">FY21-251 year base & 4 options	3rd Qtr FY19 △ RFI Release Initiation	4th Qtr FY19 △ PALT	1st Qtr FY20 △ RFP Release	2nd Qtr FY21 △ Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)			
Organization: PM TRADE Phone: (407) 384-5201 Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil	<ul style="list-style-type: none">TBD	<ul style="list-style-type: none">TBD			



Abrams Maintenance Training System (MTS) System Enhancement Package version 3 (SEPV3) Upgrade

Description/Summary of Program Requirements

Project Director Main Battle Tank Systems (MBTS) & Combined Arms Support Command (CASCOM) have identified an Abrams MTS program concurrency upgrade to the Systems Enhancement Package version 3 (SEPV3) Abrams Tank baseline. The SEPV3 upgrade will bring the Hands-On Trainers (HOTs), Engine Diagnostic and Troubleshooting Trainers (ED/TTs) and Diagnostic and Troubleshooting (D/T) Trainers (includes Student Stations (SSs) and Instructor Operator Stations (IOSs)) concurrent with the Abrams Tank and will be utilized to support the 91A, 913A & 915A Military Occupational Specialties (MOSs) courses.

	HOTs	ED/TTs	D/T SSs	D/T IOSs
Ft. Benning, GA	19	7	90	2
Ft. Lee, VA	2	2	18	2
Gowen Field, ID	1	1	12	1
Total Quantity:	22	10	120	5



ACQUISITION STRATEGY

- Acquisition Strategy: TBD
- Contract Vehicle: TBD
- Contract Type: TBD

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

2 nd Qtr FY18	4 th Qtr FY18	2 nd Qtr FY19	1 st Qtr FY20
RFI Release	PALT Initiation	RFP Release	Contract Award

POINT OF CONTACT

Organization: PM TRADE
Phone: (407) 384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- Estimated: \$68M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- New contract

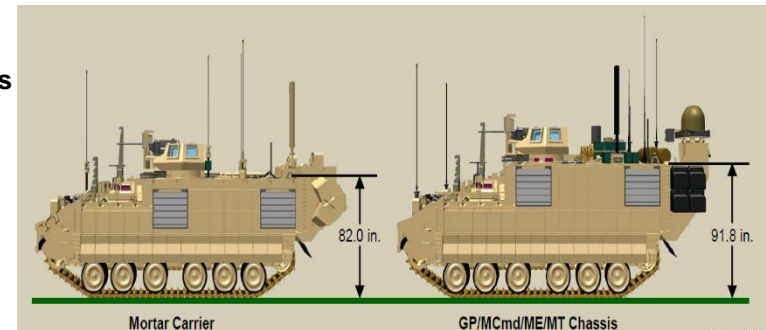


Armored Multi-Purpose Vehicle (AMPV) Maintenance Training System (MTS)

Description/Summary of Program Requirements

Program Manager AMPV & Combined Arms Support Command (CASCOC) identified a requirement for AMPV MTS Hands-On Trainers (HOTs) - Troubleshooting (T) and Maintenance (M), Power Train Trainers (PTTs) and Diagnostic Troubleshooting Trainers (DTTs) - Student Stations (SSs) and Instructor Operator Stations (IOSs) to provide 91M Military Occupational Specialty (MOS) Institutional Training and specific unit Home Station Training.

	Hull T HOTs	Hull M HOTs	PTTs	DTT SSs	DTT IOSs
Ft. Benning, GA	5	5	7	40	2
Ft. Lee, VA	2	2	1		
Camp Shelby, MS	1	1	1		
Total Quantity:	8	8	9	40	2



ACQUISITION STRATEGY

- Acquisition Strategy: TBD
- Contract Vehicle: TBD
- Contract Type: TBD

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

3 rd Qtr FY18	3 rd Qtr FY19	4 th Qtr FY19	4 th Qtr FY20
RFI Release	PALT Initiation	RFP Release	Contract Award

POINT OF CONTACT

Organization: PM TRADE
Phone: (407) 384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- Estimated: \$86M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- New contract



Common Driver Trainer (CDT)

Description/Summary of Program Requirements

This new work will include continuation for all five current variants and one new variant of the CDT. The goal is to develop a single software/hardware baseline that can meet the requirements of each variant, based on the Cab/Dash installed.

Requirements for this contract vehicle by variant are:

1. Tank Variant (TV): (1 IOS:1 STS) 18 CDT TV System Tech Refresh and Abrams Common Software Library and improved Drivers Integrated Display Updates (Ft. Benning, GA)
2. Tank Engineering Variant (TEV): (1 IOS:2 STS) Update of Joint Assault Bridge interface hardware, software along with 3 CDT TEV Systems Tech Refresh (Ft. Leonard Wood, MO)
3. Tactical Wheel Variant (TWV): (1 IOS:4 STS): Tech Refresh current 14 and Procure 18 New CDT TWV Systems (Ft. Leonard Wood, MO)
4. Additional systems in support of USMC PM TRASYS
5. Stryker Variant (SV): (1 IOS:1 STS) 5 System Tech Refresh (multiple sites)
6. MRAP Variant (MV): (1 IOS:1 STS) 10 CDT MV Systems/Tech Refreshes (multiple sites)

IOS – Instructor Operator Station
STS – Student Training Station





ACQUISITION STRATEGY

- Acquisition Strategy: Full & Open
- Contract Vehicle: Single Award IDIQ
- Contract Type: Firm Fixed Price/Cost Plus Fixed Fee

PERIOD OF PERFORMANCE

- 5 years

MILESTONES

1st Qtr FY17	1st Qtr FY18	3rd Qtr FY18	3rd Qtr FY19
			
RFI Release	PALT Initiation	RFP Release	Contract Award

POINT OF CONTACT

Organization: PM TRADE
Phone: (407) 384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- Estimated at: \$110M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Current Contract: Leidos
- Original Developer: SAIC



Construction Equipment Virtual Trainers (CEVT)

Description/Summary of Program Requirements

Procure, install, and maintain motion based simulators for the following five types of construction equipment, Motor Grader 120M (44ea), Scraper 621G (35ea), Dozer D7R (35ea), Wheel Loader 924H (35ea), and Excavator 240 (35ea). A total of 184 simulators to be installed at various facilities located at Fort Leonard Wood, MO. The simulators will operate in a dynamic terrain environment. Simulators will provide physical feedback on the controls relative to the terrain they are operating in.







ACQUISITION STRATEGY

- Acquisition Strategy: TBD
- Contract Vehicle: TBD
- Contract Type: TBD

PERIOD OF PERFORMANCE

- 5 years

MILESTONES

1 st Qtr FY18	4 th Qtr FY18	1 st Qtr FY19	2 nd Qtr FY19
			
RFI Release	PALT Initiation	RFP Release	Contract Award

POINT OF CONTACT

Organization: PM TRADE
Phone: 407-384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- Estimated: \$20 M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- N/A



M109A7 Howitzer Crew Trainer (HCT) Fire Support Combined Arms Tactical Trainer (FSCATT)

Description/Summary of Program Requirements

This is a new requirement for 16 Howitzer Crew Trainers that replicates that operational aspects of executing fire missions and crew resource management on the new M109A7 Self Propelled Howitzer.

This will not be an upgrade to existing M109A6 FSCATT systems.

Notional M109A7 HCT



ACQUISITION STRATEGY

- Acquisition Strategy: TBD
- Contract Vehicle: TBD
- Contract Type: TBD

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

1 st Qtr FY18	TBD	TBD	TBD
RFI Release	PALT Initiation	RFP Release	Contract Award

POINT OF CONTACT

Organization: PM TRADE
Phone: (407) 384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- Estimated: \$40M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- New Procurement



Wideband Training & Certification System Version 2 (WTCS V2)

Description/Summary of Program Requirements

Program Executive Office, Enterprise Information Systems / Program Manager Defense Communications and Army Transmission Systems has identified a requirement to upgrade the WTCS to reflect the characteristics of future new and upgraded operational software versions being planned for the Wideband Satellite Operations Centers (WSOCs). The upgrades will be installed at CONUS and OCONUS installations.







ACQUISITION STRATEGY

- Acquisition Strategy: Full & Open
- Contract Vehicle: Single Award IDIQ
- Contract Type: Firm Fixed Price/Cost Plus Fixed Fee

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

2nd Qtr FY18	4th Qtr FY18	1st Qtr FY19	3rd Qtr FY19
			
RFI Release	PALT Initiation	RFP Release	Contract Award

POINT OF CONTACT

Organization: PM TRADE
Phone: (407) 384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING

- Estimated: \$48.5M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Current Contract: Northrop Grumman
- Original Developer: Northrop Grumman







Joint Readiness Training Center Instrumentation System - Land Expansion NEPA (JRTC-IS LE)

Description/Summary of Program Requirements

National Environmental Protection Act (NEPA) Study in preparation for construction in the Land Expansion area at Fort Polk, LA.

All Construction efforts must comply with the appropriate provisions of the NEPA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES			
<ul style="list-style-type: none">Acquisition Strategy: Full & OpenContract Vehicle: Stand Alone CContract Type: TBD	<ul style="list-style-type: none">1 year base	1 st Qtr FY18 	2 nd Qtr FY18 	3 rd Qtr FY18 	4 th Qtr FY18 
		RFI Release	PALT Initiation	RFP Release	Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)			
<p>Organization: PM TRADE</p> <p>Phone: (407) 384-5201</p> <p>Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</p>	<ul style="list-style-type: none">Estimated: \$2M	<ul style="list-style-type: none">New Procurement			







Joint Readiness Training Center Instrumentation System - Land Expansion (JRTC-IS LE)

Description/Summary of Program Requirements

Provide instrumentation system (IS) coverage in the JRTC Land Expansion area to support the JRTC Operations Group in the generation and execution of After Action Reviews.

All solutions must seamlessly integrate with the existing systems of the IS.

All construction in the Land Expansion area must comply with the appropriate National Environmental Protection Act provisions.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES			
<ul style="list-style-type: none">Acquisition Strategy: Sole SourceContract Vehicle: TBDContract Type: Firm Fixed Price	<ul style="list-style-type: none">1 year base & 2 option years	2 nd Qtr FY18 	TBD 	TBD 	TBD 
		RFI Release	PALT Initiation	RFP Release	Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)			
<p>Organization: PM TRADE</p> <p>Phone: (407) 384-5201</p> <p>Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</p>	<ul style="list-style-type: none">Estimated: \$20M	<ul style="list-style-type: none">New Procurement			







Consolidated Product Line Management Plus (CPM Plus)

Description/Summary of Program Requirements

The CPM Plus contract is to continue the managed evolution of the Live Training Transformation (LT2) product line (P/L) and provide total life cycle support to Product Managers within the LT2 P/L. The CPM Plus contract meets the requirement for a consolidated streamlined approach that protects and leverages the Army's LT2 P/L investment, continues to evolve the core assets, architectural frameworks, and the LT2 P/L construct, while providing PM TRADE an efficient, effective and agile method for:

- Management, maintenance, and evolution of the LT2 P/L products, processes and core assets
- Total life cycle system management P/L support of systems/products within the LT2 P/L family of training systems
- P/L support of systems/products that leverage LT2 P/L assets
- Support of external interoperability initiatives such as LVC-ITE, Joint, and Foreign Military Sales
- Synchronization with the Warfighter FOCUS (WFF) contract (and follow-on contract)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES			
<ul style="list-style-type: none"> • Acquisition Strategy: Competitive • Contract Vehicle: Single Award IDIQ • Contract Type: Firm Fixed Price, Cost, and Time & Material 	<ul style="list-style-type: none"> • 7-10 years 	1 st Qtr FY18  RFI Release	2 nd Qtr FY18  PALT Initiation	3 rd Qtr FY18  RFP Release	2 nd Qtr FY20  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)			
Organization: PM TRADE Phone: (407) 384-5201 Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil	<ul style="list-style-type: none"> • Ceiling: 500M+ 	<ul style="list-style-type: none"> • GDMS currently executing a 5-year PoP for CPM Next 			



Key Stakeholder Engagements

- PEO Home-on-Home engagements (e.g. PEO IEWS)
- CTC Commanders' Conference
- JRTC CG and COG on RCS modernization
- NTC site visit with AAE and PEO
- JMRC and Multinational Training
- Integrated Air Defense System PEO IEWS and Aviation coordination
- TCM OPFOR now in place with CAC-T/TRADOC



PM TRADE Business Goals

- Reduce operational costs and complexity
- Reduce sustainment and development costs
- Align and support product development (common standards, interfaces, etc.)
- Enhance Soldier training effectiveness
- Increase technology agility
- Leverage other Army systems
- Align to the Army COE, mobile computing, and distributed computing strategies



LT2 Portal

LT2Portal.mil is the official site for the Live Training Community



LIVE TRAINING COMMUNITY
YOUR COMMUNITY RESOURCE FOR THE LT2 TRAINING SUITE



Join the Live Training Community @ WWW.LT2Portal.mil to find out how we're saving DoD programs millions of dollars.



Acronym Key

Acronym Key

LCPM - Life Cycle Product-line Management

I-MILES - Instrumentable - Multiple Integrated Laser Engagement System

IMTS - Integrated MOUT Training Systems

CEVT – Construction Equipment Virtual Trainers

Abrams ED/TT – Abrams Engine Diagnostic and Troubleshooting Trainer

Abrams MTS SEpv3 – Abrams Maintenance Training System System Enhancement Package version 3

CDT- Common Driver Trainer

AMPV- Armored Multi-Purpose Vehicle

WTCS- Wideband Training and Certification System

STOC II – STRICOM Omnibus Contract

FSCATT – Fire Support Combined Arms Tactical Trainer

HCT- Howitzer Crew Trainer

JRTC-IS LE – Joint Readiness Training Center Instrumentation System – Land Expansion

JRTC-IS LE NEPA – Joint Readiness Training Center Instrumentation System – Land Expansion National Environmental Protection Act

TRACR- Targetry Range Automated Control and Recording

CPM Plus- Consolidated Product Line Management Plus