



Deployable Virtual Training Environment



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Infantry Toolkit

Current

- VBS-1
- VBS-2 Spring 08
- FOPCSim
- TACOPS
- Close Combat Marine (CCM)
- MAGTF- XXI

Other Applications

- TLTS (Iraqi, Pashtu, Dari, French HOA)
- ROC-V
- ROC-IED/ Urban
- Combined Arms Planning Tool

DVTE Usage



FOPCSim

- TBS
- IOC
- SOI AITC
- EWS
- Ft Sill Eval

Combined Arms Network/ JTAC Trainer

- IOC
- EWS
- EWTGLANT/PAC JTAC Certification
- TTECG MTTs

VBS-1/Tactical Iraqi

- Operating Forces
- Simcenters

VBS-2™



- Mission Rehearsal Capability
- Geo-specific terrain
- Networkable (100 players/ HLA)
- Arabic language version
- Simulates all MAGTF platforms and weapons
- Comprehensive AAR
- Virtual Toolkit
 - Marine authored scenarios
 - “Pluggable” AI
 - Real Time Editor (Curveballs)



Tactical Language Cultural Training System (TLCTS)



User: USASOC, NAVSPECWARCOM, AFSOC, MARSOC, TSOC's, Deployed Operators

Transition: SOFLO, CAOCL

POM Strategy: POM 08

Requirement: Coded to individual billets

Brief Description

- PC based tool that provides an organic foreign language and culture training capability.
- The system simulates the foreign environment, depicting characters speaking the foreign language and using gestures and other non-verbal cues characteristic of the region.

Payoff – Benefit to SOF/USMC

- Extend language and culture training to operators away from standard classroom to any location.
- Allows operators to train full-time or part-time
- Deployable training capability

Current Status

- **UUNS** in from I MEF & II MEF
- **100 copies** in DLRC in Iraq
- **Simulation Centers / Bases** throughout USMC

Versions Available

- **Iraqi, Pashto, French, and Dari**

Current Fielding



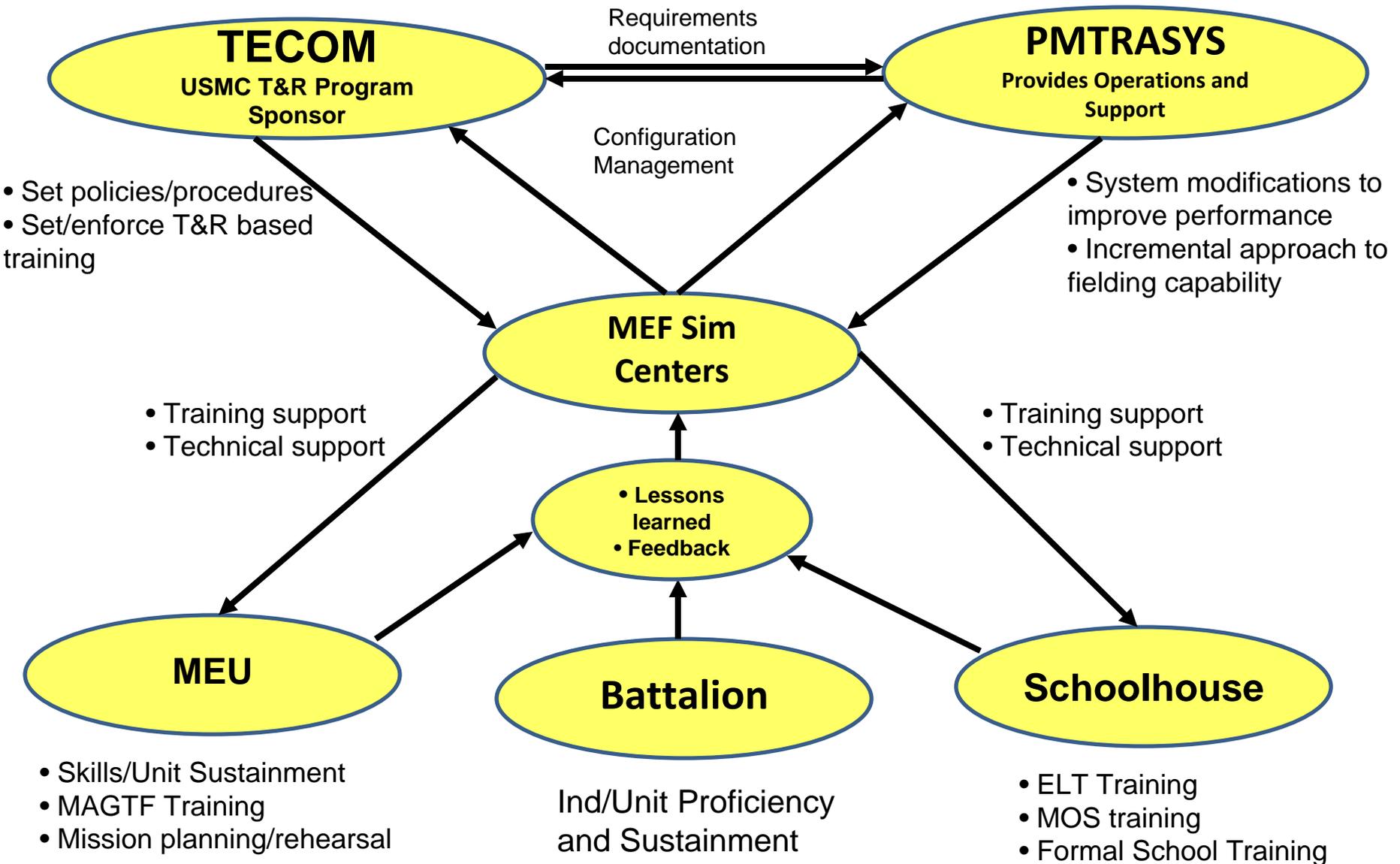
- Simcenters (I MEF, II MEF, Oki, Hi, 29 Palms)
- Schoolhouses (TBS, IOC, EWS, SOI, LOS, EPME)
- Fielding down to the Regt Level and MEUs

Future

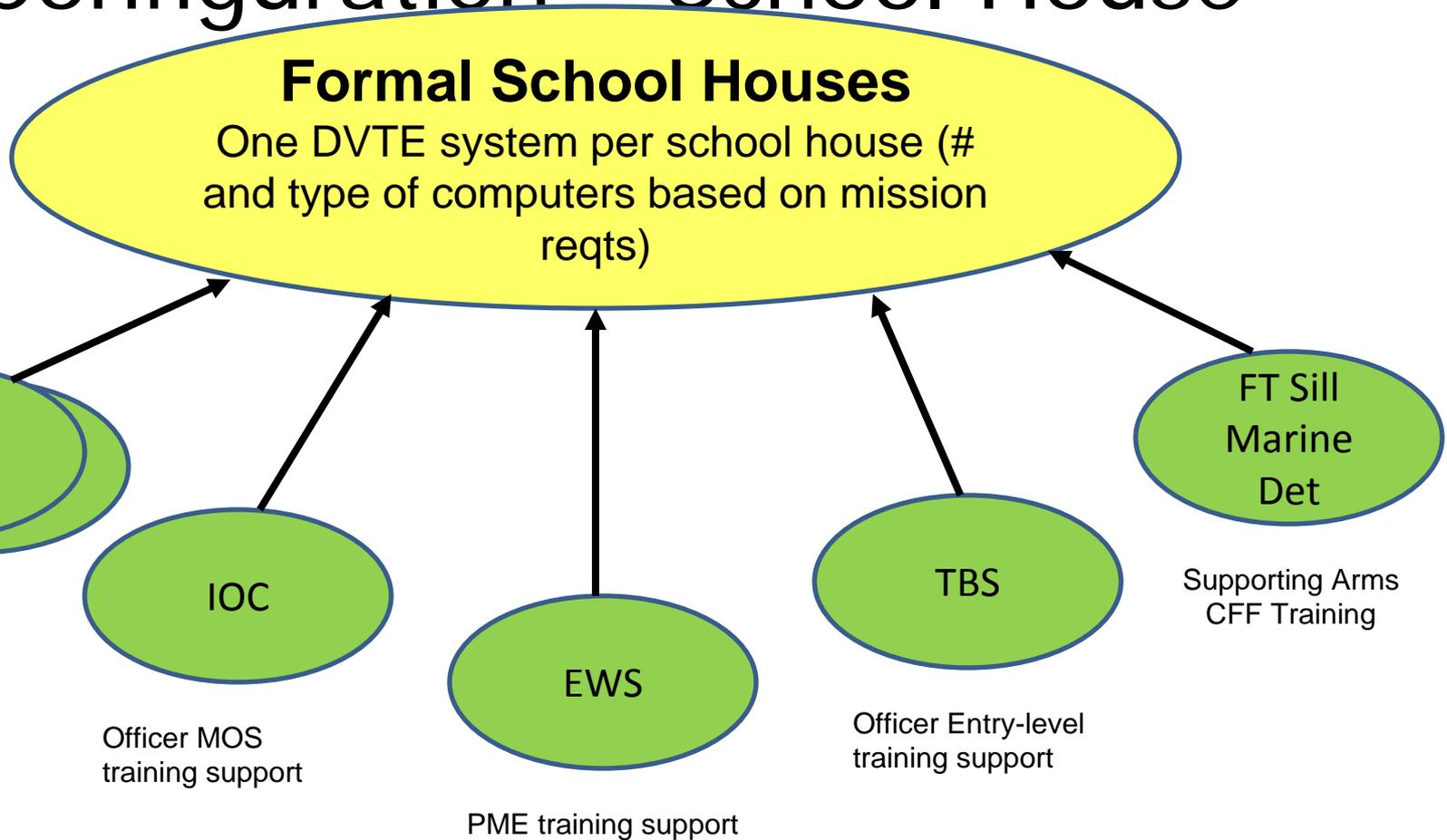


- Incorporated into PTP
- Simulation referenced in T&R's
- Incorporated into all levels of training
 - Bn - Individual
 - Development of DVTE glossy notebook to ease training usage.
- Mission Rehearsal
 - Terrain Database import tool in VBS 2
- Classroom Instruction Aid

DVTE CONOPS



DVTE Organizational Use and Configuration – School House



DVTE CONOPS

- DVTE CONOP's:
 - Use a simulation network with reconfigurable workstations
 - Realistic M&S of weapon systems and platforms
 - System of systems
 - Functional interoperability with C2 systems and other operational platforms, both within the USMC and with other LVC training forces.
 - Short term - facilitate training and mission planning/Long term – full-scale mission rehearsal capability
 - Immersive characteristics – 3d sound, intuitive input devices, realistic geo-specific terrain, fully interactive environment, adaptive enemy behaviors, visual projection
 - Automatic creation of tailored training scenarios based off selected training standards
 - Automatic AAR capability-facilitate precise adjudication and remediation of training events

Questions

