



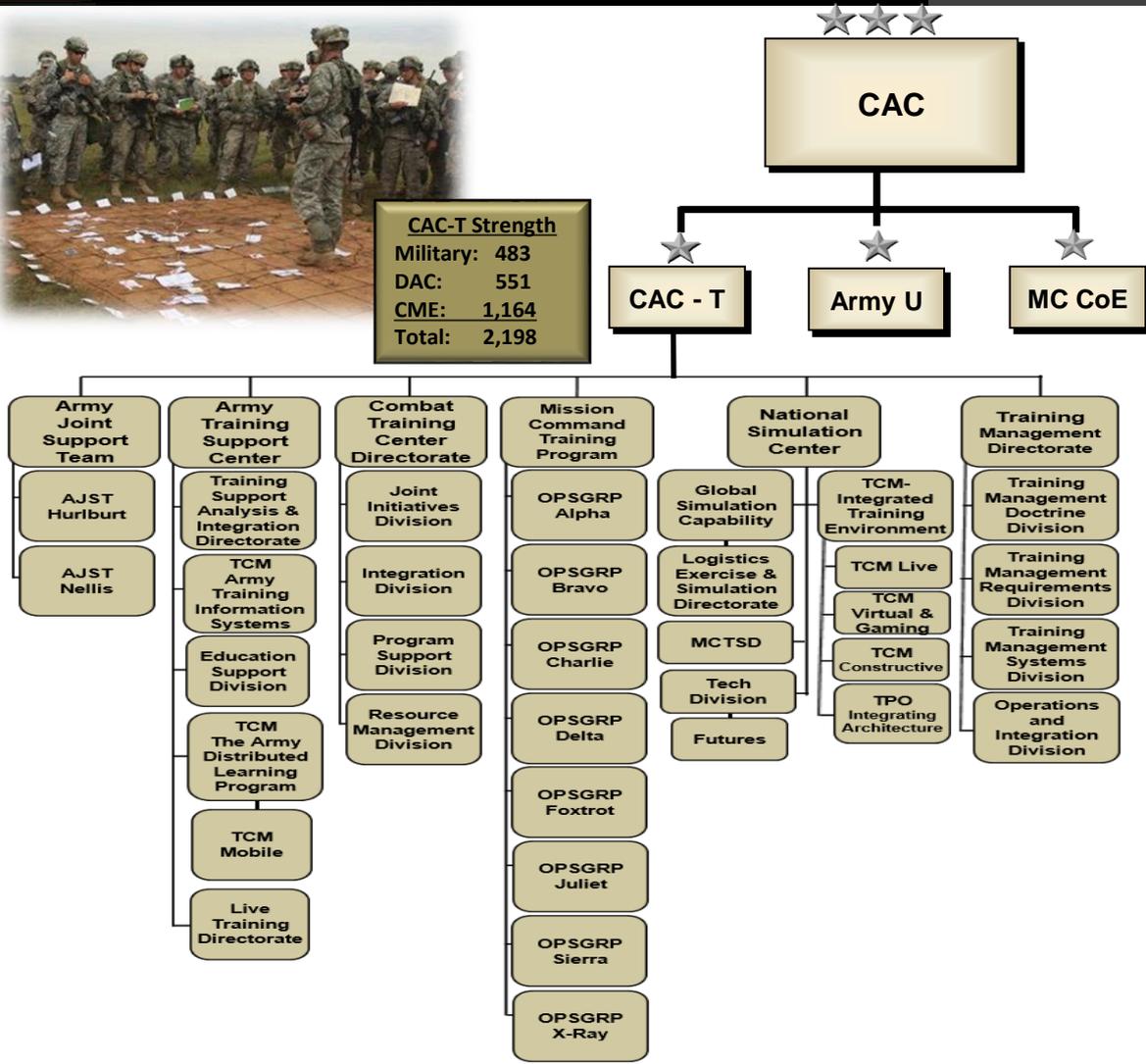
U.S. Army Combined Arms Center Training
BG Maria Gervais, Deputy Commanding General, CAC-T
Training and Simulation Industry Symposium



Combined Arms Center–Training (CAC-T)



CAC-T Strength
 Military: 483
 DAC: 551
 CME: 1,164
 Total: 2,198



FOCUS

- Manage the Army Training Support System Enterprise
- Manage the Combat Training Center Program.
- Identify requirements for and manage over 900K Army training aids, devices, simulators and simulations.
- Manage ITAM (6M acres), 3,722 Sustainable Range & STRAC programs.
- Integrate training in the AGILE process & JCIDs (Capability Development)
- Integrate the Army's Science and Technology (S&T) efforts for Training and Education
- Proponent for Army Training Management: Manages, develops and sustains training management doctrine, processes, products, and systems.
- Manage requirements for Army Distributed Learning and the Army Training Information System—The Training Information Infrastructure.
- Provide leader development by supporting the training of Brigades, Divisions, Corps, and ASCCs through Warfighter and Mission Readiness Exercises through Mission Command Training Program (MCTP).
- Develop & sustain the Integrated Training Environment.
- Provide Army and Joint air-ground operations education, training, and command and control systems integration.
- Provide training and education facilities.
- Develop training & education video and graphic products.

CAC-T develops training requirements, fields training systems, delivers leader training, and sustains training capabilities to support the Army's institutional and operational training of Soldiers, leaders, Army Civilians, and units to successfully execute Unified Land Operations in complex, ambiguous operational environments.

TSS is a system of systems that provides the training capabilities critical to realistically portray the complexities of the operational environment (OE), enabling units, both AC and RC, to achieve training readiness IAW the Army Training Model. TSS includes facilities, products, and services.

❑ **Facilities:** The training facilities and land, including permanent or semi-permanent facilities



Digital Multi-Purpose Range Complex



OE Replication



Mission Training Complexes



Classrooms

❑ **Products:** The integrated, interoperable capabilities that enable the conduct of training



Live TADSS



Virtual Sims



Constructive Sims



Gaming



Classroom infrastructure

❑ **Services:** The manpower, management, and support capabilities that enable the preparation, distribution, and sustainment of training



Course Instructor



Range Safety Instructor



Land Management



Range Operations



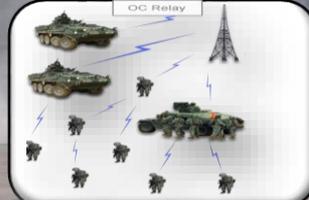
Data Bases/Terrain



IMILES



HITS



CCTT



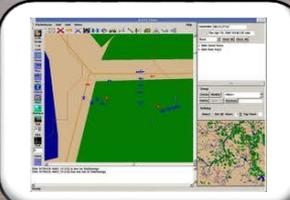
AVCATT



CFFT



JLCCTC

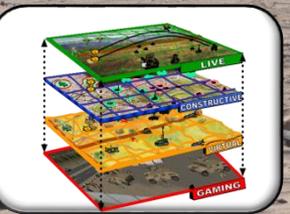


GFT



CY 16-17, ARMY READINESS GUIDANCE
By conducting smart multi-echelon training and integrating live, virtual, constructive and gaming training environments, Commanders will creatively generate the highest possible training readiness.

LVC-IA



EST II



Mission Command Systems



DATE Scenario



IEWTPT



ALOTT

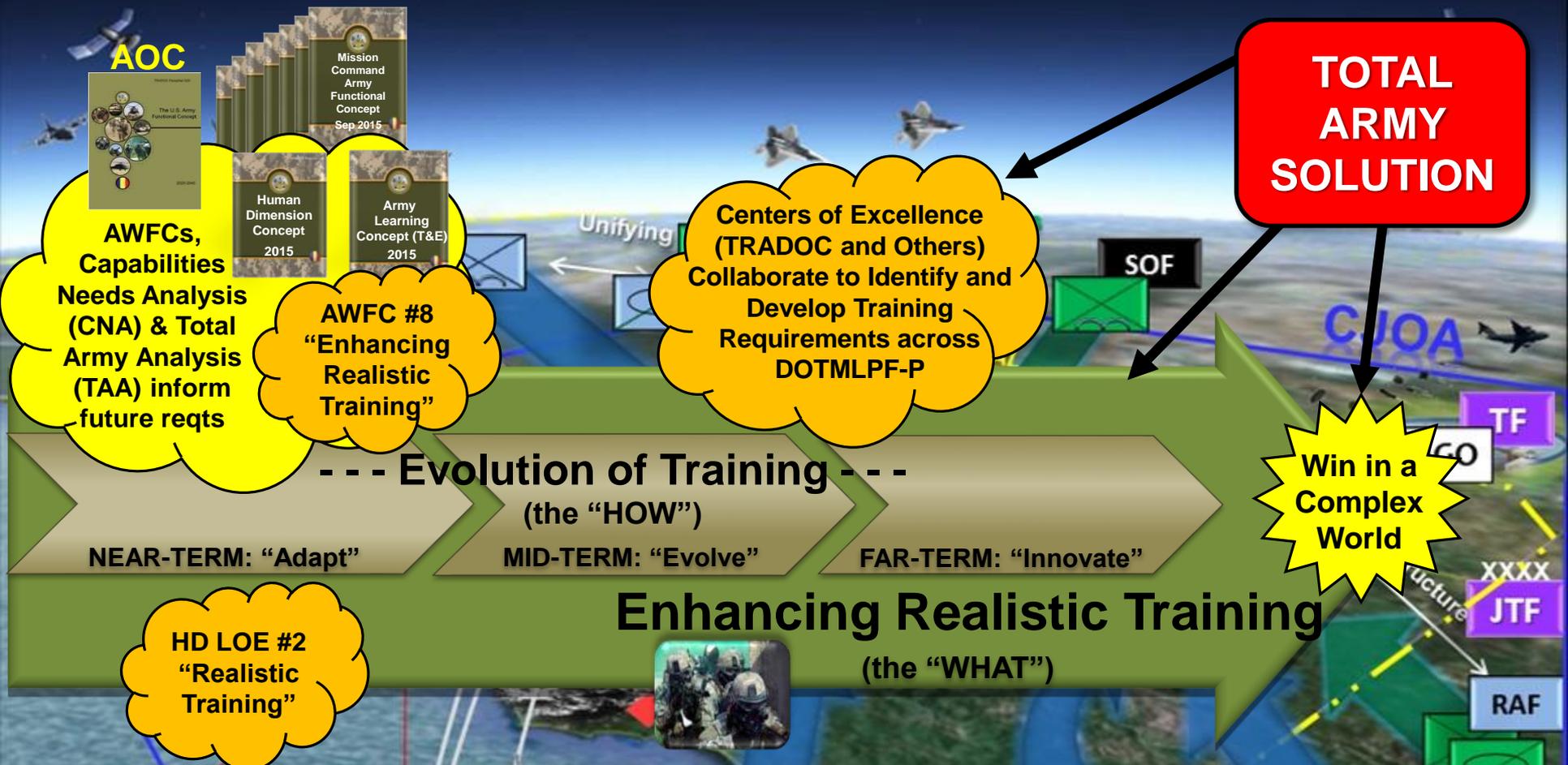


BEMT



Facilities/ MTC





- ✓ The Evolution of Training (EoT) Forum enhances transparency, collaboration, and synchronization across all Centers of Excellence (CoE).
- ✓ EoT Forums provide the Training General Officer Steering Committee (TGOSC) a single TRADOC position on long range (30-year) training requirements.
- ✓ The EoT Work Groups focus on CoEs current and future training strategies, and what is needed to ensure realistic training environments.

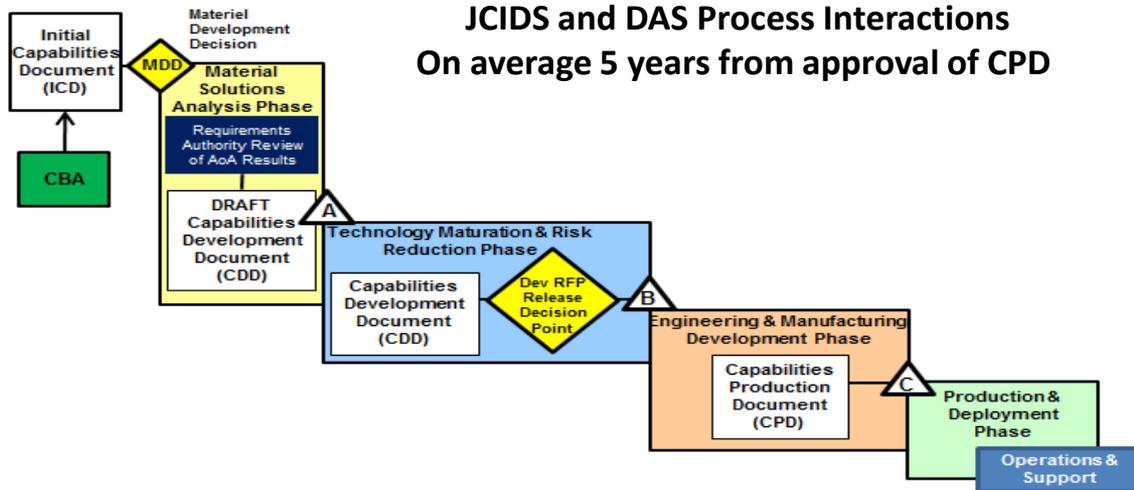


INSTITUTIONAL AGILITY LEADS TO ENHANCED REALISTIC TRAINING 5 MONTHS FROM CONCEPT TO INITIATION OF NEW CAPABILITY



TRADITIONAL JCIDS ACQUISITION PROCESS

JCIDS and DAS Process Interactions
On average 5 years from approval of CPD



“.. the Army must look to the future - and new, emerging technologies that could change the way soldiers fight - even as it continues to build its readiness to fight today.” GEN MILLEY, CSA



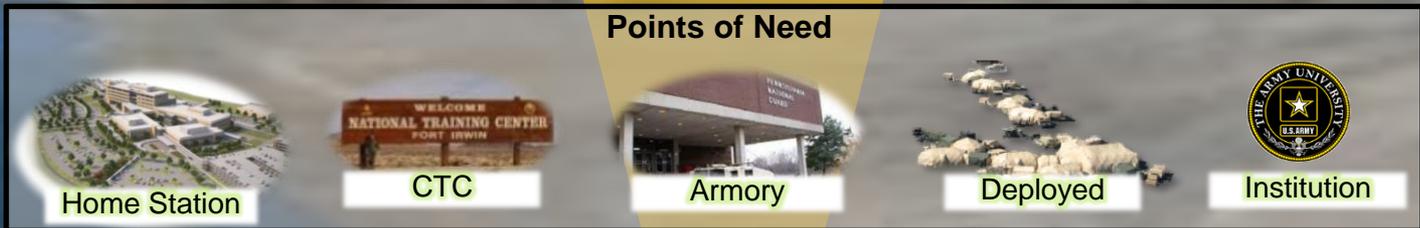
Synthetic Training Environment (STE) OV-1

Foundational Capabilities



- Single synthetic training environment built as an open architecture using commercial standards
- Utilizes a global one-world terrain, Unified Data, and is cloud-enabled through the Army Enterprise Network
- Operate within the Common Operating Environment and Cross Cutting Capabilities
- Enables collective training for the Operational and Institutional domains:
 - Unified Land Operations
 - Decisive Action
 - Army Core Competencies
 - Mission Command
- Available anywhere Soldiers and leaders need it

Points of Need



Collective Training





Realistic Training

Strategic Objective #2

The Army conducts training in complex environments to build cohesive teams who thrive in the ambiguity and chaos of the strategic environment of 2025 and beyond

ATN
Army Training Network
Training Solutions to Stay Army Strong

DTMS
U.S. ARMY Digital Training Management System

Knowledge Base

ICO CORNER

UTM

Training Management

UTM Enablers

DTMS v7

Cyber

Autonomous

AUTL

Training Management

Living Doctrine



Mobile Training

SO 2.1: Accelerate Training

SO 2.2: Team Building

SO 2.3: Complex Training

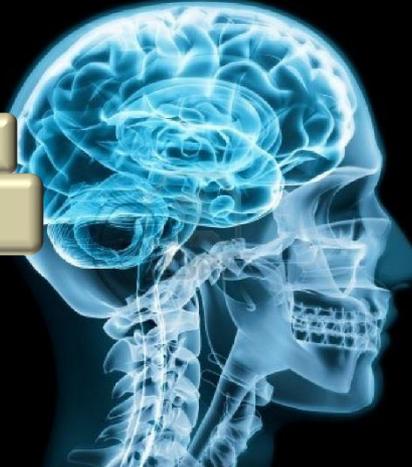
SO 2.4: Team Performance
Research & Assessment



Distance Learning



ITE



Training Evaluation
& Assessment

Realistic Targets



Real Time Casualty Assessment



Training Infrastructure
& Instrumentation



Home Station Training



STE



LIVE/SYNTHETIC
TRAINING
ENVIRONMENT



Augmented Reality



Combat Training Center

Victory