Close Combat Tactical Trainer (CCTT)

Modernization

Recapitalization

Maintenance

MISSION
Provides collective training for infantry, armor, mechanized infantry, and cavalry units, using manned module simulators to improve readiness and provide more realistic collective training.

DESCRIPTION
The Close Combat Tactical Trainer (CCTT) is a virtual, collective training simulator that allows Soldiers to operate in simulators representing dismounted infantry, mechanized infantry/tank, company teams, armored cavalry troops, or combat service support weapon systems. Crewed simulators, such as the Abrams Main Battle Tank, the Bradley Fighting Vehicle, and other vehicles, offer sufficient fidelity for collective mission training. Modular components include the Reconfigurable Vehicle Simulator/Reconfigurable Vehicle Tactical Trainer (RVS/RVTT), which simulates other vehicles. The newest simulator is the Dismounted Soldier Training System (DSTS), which enables individual Soldiers to train on infantry and improvised explosive device-defeat tasks in a fully immersive, virtual environment.

Soldiers simulate the battle direction of artillery, mortar, combat engineers, and logistics units to support their training mission. A semi-automated forces (SAF) workstation provides supporting units and all opposing forces. All battlefield operating systems are represented, ensuring an effective simulation of a combat environment that encompasses various conditions. CCTT's virtual terrain databases cover 100 by 150 kilometers, 3.5 kilometers of active visual terrain, and eight kilometers of extended range for M1A2 System Enhancement Program (SEP) Abrams tanks and M2A3 Bradley Fighting Vehicles. CCTT supports the training of both active Army and Army National Guard units at locations in the U.S., Europe, and South Korea.

SYSTEM INTERDEPENDENCIES
In this Publication
None

Other Major Interdependencies
CCTT requires Synthetic Environment Core (SE Core) to provide terrain databases and virtual models. The One Semi-Automated Force (OneSAF) will provide a common SAF through SE Core in the future.

PROGRAM STATUS
- **1QFY12:** Production and fielding of the RVTT to Fort Leonard Wood, MO
- **2QFY12:** Production and fielding of RVS/RVTT to Fort Jackson, SC; Camp Atterbury, IN; Camp Roberts, CA; Fort McCoy, WI; Fort Hood, TX; successful completion of the Developmental Test of the DSTS
- **2QFY12-4QFY12:** Production and fielding of RVTT to Fort Bragg, NC (Special Operations Forces); Gowen Field, ID; Camp Bullis, TX
- **3QFY12:** Award of the Post Deployment Software Support contract. Successful completion of User Assessment of DSTS at Fort Benning, GA. Approval to proceed with the DSTS fielding

- **4QFY12:** Award of the CCTT Concurrency Contract. Production and fielding of the DSTS to Fort Bragg, NC: Fort Leonard Wood, MO; Fort Bliss, TX; Fort Campbell, KY; Camp Bullis, TX; Fort Hood, TX; and Fort Lewis, WA

PROJECTED ACTIVITIES
- **1QFY13:** Production and fielding of the DSTS to Gowen Field, ID; Fort Pickett, VA; Fort McCoy, WI; Camp Grayling, FL; Camp Casey, ROK; Fort Stewart, GA; Fort Carson, CO; Fort Riley, KS; Fort Hunter Liggett, CA; Schofield Barracks, HI; Camp Atterbury, IN; Fort Knox, KY; and Fort Drum, NY
- **2QFY13:** Production and fielding of the DSTS to Fort Dix, NJ; Fort Indiantown Gap, PA; Fort Wainwright, AK; Fort Richardson, AK; Camp Shelby, MS; and Grafenwoehr, GDR
- **3QFY13-4QFY13:** Production and fielding of the CCTT Concurrency M1A2 SEP V2 to Fort Hood, TX and Gowen Field, ID. Production and fielding of the M2A3 Chassis Modernization Embedded Diagnostic (CMED) System to Gowen Field, ID

Technology Development	Engineering & Manufacturing Development	Production & Deployment	Operations & Support

Close Combat Tactical Trainer (CCTT)

FOREIGN MILITARY SALES
None

CONTRACTORS
RVTT:
Lockheed Martin Global Training and
  Logistics (Orlando, FL)
Dismounted Soldier Training System:
Intelligent Decisions (Ashburn, VA)
Post Deployment Software Support:
AVT (Orlando, FL)
Image Generator:
Rockwell Collins (Cedar Rapids, IA)
Dismounted Soldier Training System:
Quantum 3D (San Jose, CA)