

Joint Land Component Constructive Training Capability (JLCCTC)

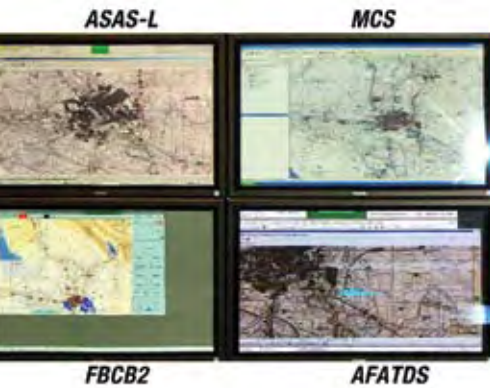
Provides tools to train unit commanders and their staffs from battalion through theater levels.

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



Description & Specifications

The Joint Land Component Constructive Training Capability (JLCCTC) is a collection of integrated simulation models that help Army Battle Command Systems (ABCS) facilitate command and staff training. These federated systems include Warfighters Simulation (WARSIM), One Semi-Automated Forces (OneSAF), Digital Battle Staff Trainer (DBST), Corps Battle Simulation, and Tactical Simulation (TACSIM).

JLCCTC-Multi-Resolution Federation (MRF) is a command post exercise driver that supports training of commanders and their staffs in maneuver, logistics, intelligence, air defense, and artillery. It is a set of constructive simulation software, supporting software, and commercial off-the-shelf hardware. The components are connected by a combination of the standard High Level Architecture Run Time Infrastructure, Distributed Interactive

Simulation (DIS), custom interfaces to the Corps Battle Staff Master Interface and Point-to-Point. The JLCCTC provides a simulated operational environment, in which computer generated forces stimulate and respond to the command and control processes of the commanders and staffs. The JLCCTC models will provide full training functionality for leader and battle staff for the Army and the joint, interagency, intergovernmental, and multinational spectrum. The JLCCTC provides an interface to Operational Battle Command equipment allowing commanders and their staffs to train with their “go to war” systems.

Joint Land Component Constructive Training Capability-Entity Resolution Federation (JLCCTC-ERF) is a federation of simulations, simulation C4I interfaces, data collection, and after action review tools. It stimulates the Army Battle Command System (ABCS) to facilitate battle staff collective training by requiring

staff reaction to incoming digital information while executing the commander’s tactical plan. The targeted training audience is brigade and battalion battle staffs, including functional command post training and full command post training. Battle staffs above brigade echelons may also employ JLCCTC-ERF to achieve specific training objectives.

Program Status

- **FY06:** Continued to improve system performance and increase scalability
- **FY06:** Integrated training system components
- **4QFY06:** JLCCTC Version 3 fielding
- **1QFY07:** Milestone C production and deployment

Projected Activities

- **1QFY07–3QFY07:** Design, testing, integration, and validation (V. 4)
- **4QFY07:** JLCCTC Version 4 release
- **1QFY08–3QFY08:** Design, testing, integration and validation (V. 5)
- **4QFY08:** JLCCTC V. 5 release

ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

Joint Land Component Constructive Training Capability (JLCCTC)

FOREIGN MILITARY SALES

None

CONTRACTORS

Lockheed Martin Information Systems
(Orlando, FL)
Tapestry Solutions (San Diego, CA)
The Aegis Technology Group, inc.
(Orlando, FL)



Commanders Battlefield Visualization Display Projected From BattleSight Projectors



S-3 Plans Area

