

Joint Land Component Constructive Training Capability (JLCCTC)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides unit commanders and their battle staffs the capability to train in an operationally relevant constructive simulation environment in Army Decisive Action operations.

DESCRIPTION

The Joint Land Component Constructive Training Capability (JLCCTC) supports Army Title X training worldwide at specific training facilities. JLCCTC supports Decisive Action to include offensive, defensive, stability, and civil support operations.

JLCCTC is a modeling and simulation software capability that provides the appropriate levels of modeling and simulation resolution as well as the fidelity needed to support both Army and Joint training requirements. JLCCTC is comprised of two separate federations, JLCCTC Multi-Resolution

Federation (MRF) and JLCCTC-Entity Resolution Federation (ERF). The MRF is a federated set of constructive simulation software that will support training of commanders and their staffs in maneuver, logistics, intelligence, air defense, and artillery.

The JLCCTC MRF-WARSIM trains Army commanders and their staffs in support of Command Post Exercises (CPXs), Warfighter Exercises (WFXs), and Mission Rehearsal Exercise (MRXs). JLCCTC provides the simulated environment in which computer-generated forces stimulate and respond to the Mission Command (MC) processes of the commanders and staffs. JLCCTC models will provide full training functionality for the Army and the Joint, intergovernmental, interagency and multinational (JIIM) spectrum. JLCCTC allows commanders and their staffs to train with their organizational real-world MC equipment.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

MRF-W:

- **1QFY12-4QFY12:** 2ID Warpath II Exercise (South Korea)
- **1QFY12-4QFY12:** 2ID Full Spectrum Exercise (FSX) (South Korea)
- **1QFY12-4QFY12:** 56th BCT/36th ID - IBCT (Brownwood, TX)
- **1QFY12-4QFY12:** Intel School House Exercise (Fort Huachuca, AZ)
- **1QFY12-4QFY12:** 1st BDE/10th Mountain Div (Fort Drum, NY)
- **1QFY12-4QFY12:** 32nd IBCT Warfighter Exercise (WFX) (Fort McCoy, WI)
- **1QFY12-4QFY12:** III Corps Ramp-Up Exercise (Fort Hood, TX)
- **1QFY12-4QFY12:** III Corps WFX (Fort Hood, TX)
- **1QFY12-4QFY12:** 48th IBCT BDE WFX (Fort Stewart, GA)
- **1QFY12-4QFY12:** Fielded ERF V5.3 to numerous Army Sites
- **4QFY12:** Three additional BDE WFXs supported by MCTP utilizing MRF-W

PROJECTED ACTIVITIES

- **FY13:** 2ID Warpath Exercises (South Korea)

- **FY13:** Yama Sakura (YS) 63 Exercise (Japan)
- **FY13:** Ulchi-Freedom Guardian (UFG) 13 Exercise (South Korea)
- **FY13:** DIV WFX supported by MCTP
- **FY13:** Approximately twelve BDE WFXs supported by MCTP
- **FY13:** Numerous WIM Upper Enclave (UE) fielding's with ERF v5.3 sites
- **FY13:** Sustain ERF v5.3.x
- **FY14:** 2ID Warpath Exercises (South Korea)
- **FY14:** YS 65 Exercise (Japan)
- **FY14:** KR 14 Exercise (South Korea)
- **FY14:** UGF 14 Exercise (South Korea)
- **FY14:** Approximately twelve BDE WFXs supported by MCTP
- **FY14:** DIV/corps WFX supported by MCTP
- **FY14:** Sustain ERF v5.3.x
- **FY15:** 2ID Warpath Exercises (South Korea)
- **FY15:** YS 67 Exercise (Japan)
- **FY15:** KR 15 Exercise (South Korea)
- **FY15:** UGF 15 Exercise (South Korea)
- **FY15:** Approximately twelve BDE WFXs supported by MCTP
- **FY15:** DIC/Corps WFX supported by MCTP
- **FY15:** Sustain ERF v5.3.x

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

**Joint Land Component
Constructive Training Capability
(JLCCTC)**

FOREIGN MILITARY SALES
None

CONTRACTORS
Lockheed Martin Global Training and
Logistics (Orlando, FL)
Tapestry Solutions Inc. (San Diego, CA)
Booz/Allen/Hamilton (Orlando, FL)

