

JBSA Ft. Sam Houston Mission Training Complex



Simulations



Joint Land Component Constructive Training Capability-Entity Resolution Federation (JLCCTC-ERF) is a federation of simulations, simulation Command, Control, Communications, Computers and Information (C4I) interfaces, data collection and after-action review tools. It stimulates the Army Mission Command Systems (AMCS) to facilitate battle staff collective training by requiring staff reaction to incoming digital information while executing the commander's tactical plan.

JLCCTC-ERF is comprised of the following systems:

Joint Conflicts and Tactical Simulation (JCATS)

Joint Deployment Logistics Model (JDLM)

Joint Non-Kinetic Effects Model (JNEM)

Virtual Reality Scene Generator/Multiple Unified Simulation Environment (VRSG/MUSE)

After Action Review System (AARS)

SIMC4I Interchange Module for Plans, Logistics, & Exercises (SIMPLE)



The **Multiple Unified Simulation Environment (MUSE)** is the primary virtual Intelligence, Surveillance, and Reconnaissance simulation used by the Department of Defense for Joint Services command and staff level training. In the Joint Land Component Constructive Training Capability (JLCCTC), MUSE and the visualization system **Virtual Reality Generator (VRSG)** provide the primary unmanned aerial vehicle (UAV) surveillance capability.