

ADDITIONAL INFORMATION

For additional information on the Joint Distributed Engineering Plant, its capabilities and functions, please contact the following representatives:

Mr Steve Bridges

DSN 879-5151

(520) 538-5151

e-mail: bridgess@fhu.disa.mil

Mr Rich Clarke

DSN 879-5027

(520) 538-5027

e-mail: clarker@fhu.disa.mil

Mr Alan Rieffer

DSN 879-5576

(520) 538-5576

e-mail: rieffer@fhu.disa.mil



JOINT DISTRIBUTED ENGINEERING PLANT (JDEP)



Joint Interoperability Test Command

ATTN: Visitor Support Center

Building 57305

Fort Huachuca, AZ 85613-7051

1-800-LET-JITC

<http://jitc.fhu.disa.mil>

***Increasing Combat Effectiveness
Through Interoperability***

Joint Interoperability Test Command

GENERAL INFORMATION

Background. The Principal Deputy Undersecretary of Defense (Acquisition and Technology) [PDUSD(A&T)] and the Joint Staff J8 directed the creation of a Joint Distributed Engineering Plant (JDEP) to address joint interoperability issues. The Joint Distributed Engineering Plant (JDEP) is a DOD- and Service-funded initiative created to support interoperability. In addition to building and maintaining a technical framework, JDEP facilitates federation design/development and event planning/scheduling/execution to support establishment of joint operational environments through the reuse of existing hardware- and software-in-the-loop (HW/SWIL) capabilities across the DOD and industry. This allows for the creation of a distributed joint test environment for use in the development, integration, testing, and assessments of IT and NSS.

REQUIREMENTS

“...a DOD-wide effort to link existing Service and joint combat system engineering test sites....JDEP is designed to improve the interoperability of weapon systems and platforms through rigorous testing and evaluation in a replicated battlefield environment.”*

*Defense Planning Guidance Update, FY 2002-2007

CAPABILITIES

JDEP applies standard-based processes contained in the Federation Execution and Development Process (FEDP) to design/develop High Level Architecture (HLA) federations that can be integrated and reused to support other federations.

JDEP will provide access to distributed “capabilities,” the collection of ‘piece parts’ that can be configured in different ways to meet the variable needs of different users in the conduct of HW/SWIL IT and NSS integration and testing events. Resources include, but are not limited to, systems, stimulators, data exchange specifications, test procedures, data collection, and analysis plans. Capabilities are owned by different organizations and are located in a variety of geographic locations. They also include simulations and scripts, which may augment or act as surrogates for the HW/SWIL end items depending on the nature of the user needs; and scenarios needed to provide an operationally realistic context for FoS integration and testing. These high-value assets are costly and, once created, should be leveraged as much as possible to support existing and future needs.

MANAGEMENT STRUCTURE

The JDEP Board of Directors (BOD) is a high-level DOD oversight body with CINC/Service/Agency, Joint Staff, and OSD representation that cuts across mission areas and broad FoS responsibilities. The Board oversees Investment & Management of JDEP Capability & Infrastructure. The senior members of this board are from DISA; Joint Staff; JFCOM; ASDC3I; ASDAT&L; USA; USAF; USMC; Director, Operational Test and Evaluation (DOT&E); and USN.

Mr. Frank Holderness, the JDEP Manager, is a senior DISA representative who leads the organization by providing DOD-level programmatic leadership, advocacy, and oversight to JDEP. The JDEP manager is responsible for the development of Infrastructure Investment and Management Plans and oversees the JDEP Coordinator. JTC is the designated JDEP Coordinator and coordinates JDEP resources and schedule.

