

TESTBED CAPABILITIES

- Standards Compliance verification of Platform Equipment
- Equipment Cross-vendor Standards Compliance verification
- Portability: testing anywhere, anytime
- Bottom line: support the Warfighter

ISR Systems Test Officer

DSN: 879- 1888

PHONE: (520) 538-1888

FAX: (520) 538-3246

Motion Imagery Standards Laboratory

PHONE: (520) 538-5367

EMAIL: MIS-LAB@DISA.MIL

WEBSITE: <http://jitic.fhu.disa.mil/MIS-LAB>



Motion Imagery Standards Laboratory (MIS-LAB)



Joint Interoperability Test Command

Attn: Visitor Support Center
P.O. BOX 12798
Fort Huachuca, AZ 85670-2798

Phone: 1-800-538-5482
<http://jitic.fhu.disa.mil>

Joint Interoperability Test Command

***Increasing Combat Effectiveness
Through Interoperability***

INTRODUCTION

The Motion Imagery Standards Laboratory (MIS-LAB) is a validation and conformance testing resource available to Motion Imagery (MI) system sponsors and developers from the beginning of their systems procurement/development through the system's lifecycle.

The MIS-LAB conformance test program will make a significant impact on improving interoperability among disparate MI systems. Our primary role is to provide testing services for Government and Commercial organizations that develop or use MI dissemination systems within the Department of Defense.

TEST FACILITIES

The Joint Interoperability Test Command (JITC) in Fort Huachuca, Arizona has established a MIS-LAB testing facility that supports Motion Imagery Standards Profile (MISP)-capable implementation compliance testing, proposes additions to MISP validation testing, and completes other MIS-LAB test-related activities. Initial Motion Imagery (MI) system compliance is conducted at the designated test facility (the JITC) or at alternate locations approved by the JITC.

The MIS-LAB conducts testing at or near the end of the software development process. Developers should plan and conduct inter-

Implementation Under Testing (IUT) development before MISP conformance testing. Sample MISP MI and test scenarios are available from the MIS-LAB to assist in the process.

TESTING AND STANDARDS

The JITC's MIS-LAB performs Standards Conformance testing. This testing service is intended to enhance Warfighter readiness by ensuring that systems conform to the MISP suite of standards. Testing determines to what extent the IUT (software, hardware, or firmware) is able to encode and/or decode motion imagery data in compliance with the MISP specifications by meeting requirements that are classified as standards, profiles, recommended practices, or engineering guidelines.

The JITC determines the functionality of systems' enhancements. Testing will occur throughout the system's lifecycle and may be performed in conjunction with other testing whenever possible to conserve resources. The Motion Imagery Standards Board (MISB) and JITC will validate changes or additions nominated for inclusion in the MISP.

The JITC MIS-LAB also provides Standardization Agreement (STANAG) 4609 compliance test services. The North Atlantic Treaty Organization (NATO) has established the STANAG

NATO Digital MI Standard. The STANAG 4609 mirrors the latest approved MISP on the MISB website.

ELIGIBILITY

Any governmental department, service, or agency may sponsor MI systems for standards compliance testing. Commercial developers or vendors may request MISP compliance testing and/or assessment from the JITC without government sponsorship on a fee-for-service basis. The successful results of such tests may expedite an eventual government request for interoperability certification testing.

OTHER FORT HUACHUCA FACILITIES

Fort Huachuca is home to many government test facilities because of the mild climate, minimal public restrictions on frequency spectrum, and extended Line-of-Sight range. The Department of Defense Joint Unmanned Aerial System (UAS) Training Center has multiple UAS runways to operate Predator, tactical UASs, and Global Hawk. Fort Huachuca is also the home of the United States Army Intelligence Center and the United States Army Signal Command.