

REPOSITORY CAPABILITIES

- One stop shop for stored and catalog tested and graded imagery files for the DoD GEOINT community
- Controlled receipt and dissemination of GEOINT — customer determined releasability
- Comprehensive GEOINT test data catalog
- Bottom line: support the Warfighter

ISR Systems Test Officer

DSN: 879-1888

PHONE: (520) 538-1888

FAX: (520) 538-3246

GEOINT Repository

PHONE: (520) 538-5407

EMAIL: GEOINTREPOSITORY@DISA.MIL

WEBSITES:

NIPRNet

<http://jitc.fhu.disa.mil/cgi/geo/index.aspx>

SIPRNet

<http://jit.fhu.disa.mil/geo/>



GEOSPATIAL- INTELLIGENCE (GEOINT) REPOSITORY



Joint Interoperability Test Command

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

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

Experts in Testing and Certification
Accelerating the Nation's IT Dominance

Joint Interoperability Test Command

INTRODUCTION

The GEOINT Repository is a combined National Geospatial Intelligence Agency (NGA) and JITC initiative that will store and issue GEOINT test files for use by Department of Defense (DoD) organizations and their support contractors in the development of various GEOINT systems.

The GEOINT repository will formalize the procedures for issuing these test files and increase the number of files that are available for use by developers.

FACILITIES

The Joint Interoperability Test Command (JITC) in Fort Huachuca, Arizona has established a GEOINT Repository to collect, store, and disseminate GEOINT (initially National Imagery Transmission Format (NITF) and Motion Imagery (MI)) test files to support DoD organizations and their support contractors to be used in the development of various GEOINT systems.

The GEOINT Repository replaces current methods of file collection, storage, and dissemination. It provides formalized procedures for managing GEOINT products, and increases exponentially the storage capacity of the various JITC GEOINT Standards Laboratories.

TESTING AND STANDARDS

The GEOINT Repository works in conjunction with the MIS-LAB to perform Standards Conformance testing on all

GEOINT files introduced to the GEOINT Repository. Each file is graded according to their level of compliance. The levels of compliance are:

- **Gold Standard.** Files that are 100% compliant to the standards where all information contained within the file is valid in syntax, semantics, and time relationship of metadata to motion imagery. These files can be used to evaluate the performance of an exploitation system.
- **Bronze Standard.** Files that are 100% compliant to the standards where all information contained within the file is valid in syntax and semantics, but the metadata may not be accurate with respect to the motion imagery. These files can be used to evaluate the first order performance of a delivery / viewing / storage system, but not for exploitation.
- **Tin Standard.** Files that are less than 100% compliant to the standards and may contain errors in either the video elementary stream, the metadata, or the transport stream that will not impact the usability of the file. These files can be used in prototype environments in rating how a system passes such errors.
- **Operational Data.** These are files that have been collected from sensors operating in an operational environment. These files are not guaranteed to be standard conformant.

JITC GEOINT Laboratories also creates files to order with predefined metadata values, other anomalies, or conditions.

- **Custom (Made to Order).** Some customers may require files that are not currently present in the repository. A file that is present within the repository would have to be modified to meet customers' request.
- **Synthetic Files.** These are files that have been created to support development of systems when the sensor they are designed to work with is still in development and appropriate test files have not yet been created.

ELIGIBILITY

Only DoD and DoD-related support contractors may receive products from the GEOINT Repository. Only government agency requests for GEOINT products will be accepted.

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 other UASs. Fort Huachuca is also the home of the United States Army Intelligence Center and the United States Army Signal Command.