MOTION IMAGERY STANDARDS PROFILE

Department of Defense/Intelligence Community/
National System for Geospatial Intelligence
(DoD/IC/NSG)
Motion Imagery Standards Board

M:SB

MISP-2019.1: U.S. Specific

November 2018

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Forward

The Motion Imagery Standards Board (MISB) produces the Motion Imagery Standards Profile (MISP).

The MISP references technical specifications developed by the MISB and commercial industries. The MISP contains normative requirements. These requirements use the word "shall" and are mandatory for compliance to the MISP.

Commercial references cited in this document are available from industry organizations. References developed by the MISB are available under

MISB Public Web Site: http://www.gwg.nga.mil/misb or

NSG Registry Web Site: https://nsgreg.nga.mil/misb.jsp

The contents of this document are subject to continuing work within the MISB. Any changes and modifications to this document will be re-released by the MISB with an identifying change of release date when issued in a succeeding year, or an increase in version number if within the same year as follows:

MISP-YEAR.VersionNumber: U.S. Specific

Change Log

2019.1	• No technical content modifications

1   Scope

This document serves the needs of the United States (U.S.) by providing requirements that ensure consistent implementation of Motion Imagery Standards that meet the goals for interoperability, testability and compliance. The requirements set forth within this document ensure that Motion Imagery is viewable and useable at any point in its life cycle by all users.

2   Containers

Advanced Authoring Format is recommended for DoD/IC/NSG use, but is not mandated, for the exchange of Motion Imagery and Metadata for collaboration of production work in progress among analysts; storage of work in progress for access by multiple users; and permanent archive of all contributions to a finished work. AAF is recommended but not yet mandated, in anticipation of mandating SMPTE ST 377-1 (MXF) and draft SMPTE 377-2 MXF KXS, given that MXF KXS standardizes all of AAF functionality in KLV.

Requirement	
MISP-2015.1: U.S. Specific-01	MISP compliant Motion Imagery placed into an Advance Authoring Format (AAF) container shall comply with MISB ST 0301 [1].

3   References

[1]   MISB ST 0301.5 MISB Profile for Aerial Surveillance and Photogrammetry Applications (ASPA), Jul 2010.

4   Acronyms

ASPA   Aerial Surveillance and Photogrammetry Applications