

About This Standard

Current Status *Mandated*

Standard Identifier

NGA STDI-0001 v1.3/CN2

Title of Standard

National Support Data Extensions (SDE) (Version 1.3/CN2) for the National Imagery Transmission Format (NITF), 10 July 2007

Standards History

Introduced to Registry	Date Emerging	Date Mandated	Last Status Update	Last Status Review	Inactive/Retired
2009-07-30	n/a	2009-07-30	2009-07-30	2009-07-30	n/a

Standards Body

[NGA](#)

[Broken Link?](#)

URL to Access or Acquire

<mailto:ntbchair@nga.mil>

Working Group

Primary Owner

Geospatial Intelligence (GWG)

Secondary Interest

No Secondary Interest

Service Area

GEOINT: Still Imagery

KIPs

No KIP Found

Standard Applicability

2009-07-30

STDI-0001 is applicable to systems that task, collect, process, store, catalog, discover, retrieve, disseminate, exploit and/or otherwise use National Technical Means (NTM) data formatted using the National Imagery Transmission Format Standard (NITFS). STDI-0001 is applicable to data from those specific NTM source assets identified within the standard.

Standard Abstract

2009-07-30

STDI-0001 specifies the support data for specific National Technical Means (NTM) assets when the data is formatted using the NITF Standard (NITFS). NITFS is a DoD and Federal Intelligence Community suite of standards for the exchange, storage, and transmission of digital-imagery products and image-related products. NITFS is the common thread of interoperability for the formatting, storage, cataloging, discovery, retrieval, dissemination, and exploitation of National Technical Means (NTM), Tactical Airborne, and Commercial imaging sources. The NITFS allows for Tagged Record Extensions (TREs), sometimes known as Support Data Extensions (SDEs). TREs/SDEs are a collection of data fields that provide space within the NITFS file structure for adding parameters and metadata to enhance NITFS functionality (e.g. discovery and retrieval in a net-centric environment). STDI-0001 provides the approved configuration managed (controlled) Tagged Record Extensions (TREs) specifications to be used with the NITFS for the NTM assets identified within the document. TRE implementation compliance requirements are defined in NGA document, N0105, NITFS Standards Compliance and Interoperability Test and Evaluation Program Plan.

Profiling Questions

GEOINT: Still Imagery

- Does your system exchange, process, exploit, or otherwise use Still Imagery data from national sources?

Products Incorporating This Standard

More than three companies have commercially available implementations or products. Contact the NITFS Technical Board (NTB), ntbchair@nga.mil, for details.

Relevant Information

In some instances, STDI-0001 simply provides an overview, synopsis and external reference to TREs specified in other configuration managed documentation. See also STDI-0002, The Compendium of Controlled Extensions (CE) for the National Imagery Transmission Format (NITF). This citation was authored by the GWG NITFS Technical Board (NTB).

Implementation Guidance

Since STDI-0001 is a compendium of TRE specifications specific to certain NTM sources, system specifications, statements of work, and similar acquisition and design documentation should cite the specific portions of the standard applicable to the functional and behavioral objectives for the implementing system. See STDI-0005, Implementation Practices of the NITFS, at <http://www.gwg.nga.mil/ntb/baseline/docs/ipon/index.html>. The STDI-0005 document is a compilation of common practices, conventions, and guidelines for implementing the National Imagery Transmission Format Standard (NITFS). The objective is to help promote common specification and application of the NITFS suite of standards by all fielded and developmental digital imagery-related systems. It describes common conventions for implementing the suite of NITFS standards that promote and sustain NITFS compliance and interoperability for the production, storage, cataloging, discovery, selection, exploitation, and dissemination of digital imagery, raster map, and other related raster products. STDI-0001 version 1.3/CN2 supersedes STDI-0001 version 1.3/CN1, 20 Sep 2001.

Standard Selection Criteria

Interoperability/Supportability

This standard (STDI-0001) is part of the National Imagery Transmission Format Standard (NITFS) suite of standards. NITFS is the common thread of interoperability for the formatting, imagery library storage and cataloging, dissemination, and exploitation of National Technical Means (NTM), Tactical Airborne, and Commercial imaging sources. The NITFS allows for Tagged Record Extensions (TREs), sometimes known as Support Data Extensions (SDEs), which are a collection of data fields that provide space within the NITFS file structure for adding parameters and metadata to enhance NITFS functionality (e.g. discovery, retrieval, and exploitation in a net-centric environment).