**CIVA REQUEST FORM**

The Conformant Image Validation Analyzer (CIVA) is made available by the National Geospatial-Intelligence Agency (NGA) NITFS Technical Board (NTB). JITC’s Geospatial Intelligence (GEOINT) Test, Evaluation, and Certification (TEC) Program distributes CIVA to aid developers in assessing JBP conformance. CIVA automates general conformance analyses while allowing users to view and assess a product’s metadata content for system-specific requirements. CIVA is intended to be used in conjunction with other analytical tools depending on test requirements.

CIVA is available for immediate download via the NTB’s Protected Internet eXchange (PIX) portal. PIX is a U.S. Government sponsored program designed for unclassified information sharing. For access to the PIX portal, please submit a request to the NTB Chair at: [NTBChair@nga.mil](mailto:NTBChair@nga.mil). Alternatively, you may submit this form, per the routing instructions on page 3, for a DoD SAFE delivery.

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| **Requester: Date:** Click or tap here to enter text. | |
| Name: | Click or tap here to enter text. |
| Organization: | (Spell out any acronyms)Click or tap here to enter text. |
| Program: | (Spell out any acronyms)Click or tap here to enter text. |
| E-mail: | Click or tap here to enter text. |
| Phone: | Click or tap here to enter text. |
| Mailing Address: | Click or tap here to enter text. |
| Country of Citizenship: | Click or tap here to enter text. |

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| --- | --- |
| **Government Sponsor:** (If not the same as requestor) | |
| Name: | Click or tap here to enter text. |
| Organization: | (Spell out any acronyms)Click or tap here to enter text. |
| Program: | (Spell out any acronyms)Click or tap here to enter text. |
| E-mail: | Click or tap here to enter text. |
| Phone: | Click or tap here to enter text. |
| Mailing Address: | Click or tap here to enter text. |
| Country of Citizenship: | Click or tap here to enter text. |

**System Description:**

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| Describe the NITF component under test for JITC to understand how CIVA will be used. Click or tap here to enter text. |

**Operating system(s) for CIVA to be installed on:**

|  |  |  |
| --- | --- | --- |
| Windows | Linux | Mac (Not Available) |

**NITF Configurations To Be Assessed:**

The following sections list Joint BIIF Profile/MIL-STD-2500C and STDI-0002 features, some of which CIVA does not currently support (N) or only partially supports (P). JITC will use information collected in these sections to determine future CIVA developments.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Format** | | | | | | | | **Image Segment** | | | | | | | | | | | | | **Text Segment** | | | | | | | | | **Graphic Segment** | | | | | | | | |
|  | | | NITF 2.0 | | | | |  | MONO | | | |  | | RGB | | | | | |  | | STA | | | | | | |  | | | Labels | | | | | |
|  | | | NITF 2.1 | | | | |  | MULTI | | | |  | | RGB/LUT | | | | | |  | | UT1 (P) | | | | | | |  | | | Bit Map | | | | | |
|  | | | NSIF 1.00 | | | | |  | NODISPLY | | | |  | | VPH | | | | | |  | | U8S | | | | | | |  | | | CGM (P) | | | | | |
|  | | | NSIF 1.01 | | | | |  | NVECTOR | | | |  | | YCbCr601 | | | | | |  | | MTF | | | | | | |  | | |  | | | | | |
|  | | |  | | | | |  | POLAR | | | |  | |  | | | | | |  | |  | | | | | | |  | | |  | | | | | |
| **Image Data Attributes** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **PVTYPE** | | | | **NBANDS** | | | | | | **IMODE** | | | | | | | | | | **COMPRESSION** | | | | | | | | | | | | | | | | | | |
|  | | B | |  | | | 1 | | |  | | S |  | | | D | | | |  | | C1 | |  | CA | | | |  | | | M1 | | |  | | | MA |
|  | | C | |  | | | 2 | | |  | | P |  | | | E | | | |  | | C3 | |  | CB | | | |  | | | M3 | | |  | | | MB |
|  | | INT | |  | | | 3 | | |  | | R |  | | | F | | | |  | | C4 | |  | CC | | | |  | | | M4 | | |  | | | MC |
|  | | SI | |  | | | >3 | | |  | | B |  | | | X | | | |  | | C5 | |  | CD | | | |  | | | M5 | | |  | | | MD |
|  | | R | |  | | |  | | |  | | T |  | | | Z | | | |  | | C6 | |  | CE | | | |  | | | M7 | | |  | | | ME |
|  | |  | |  | | |  | | |  | |  |  | | |  | | | |  | | C7 | |  | I1 | | | |  | | | M8 | | |  | | | NC |
|  | |  | |  | | |  | | |  | |  |  | | |  | | | |  | | C8 | |  |  | | | |  | | | M9 | | |  | | | NM |
|  | |  | |  | | |  | | |  | |  |  | | |  | | | |  | | C9 | |  |  | | | |  | | |  | | |  | | |  |
| **Data Extension Segments (DESs):** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | *Any / Unknown* | | | |  | | | CSSFAB | | | | | | | | | |  | LIDARA | | | | | | | |  | | | | STREAMING\_FILE\_HEADER (N) | | | | | | | |
|  | CSATTA | | | |  | | | CSSHPA | | | | | | | | | |  | MOVING\_TARGET\_REPORT | | | | | | | |  | | | | TRE\_OVERFLOW | | | | | | | |
|  | CSATTB | | | |  | | | CSSHPB | | | | | | | | | |  | MRGXMA | | | | | | | |  | | | | WBRD\_FRAME (N) | | | | | | | |
|  | CSCSDB | | | |  | | | EXT\_DEF\_CONTENT | | | | | | | | | |  | OSDDEF (N) | | | | | | | |  | | | | WEATHER\_DATA | | | | | | | |
|  | CSEPHB | | | |  | | | ICC\_PROFILE\_SUPPORT\_DES (N) | | | | | | | | | |  | RPFDES (N) | | | | | | | |  | | | | XML\_DATA\_CONTENT | | | | | | | |
| **Other DESs:** Provide DESID field value and functional description. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Tagged Record Extensions (TREs):** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | *Any/Unknown* | | |  | | CMETAA | | | |  | FREESA | | |  | | | MATESA | | | | |  | PIAIMC | | |  | | RPFHDR (N) | | | | | |  | | | SENSRB | |
|  | ACCHZB | | |  | | COMNTA | | | |  | FRMSGA | | |  | | | MENSRA | | | | |  | PIAPEA | | |  | | RPFIMG (N) | | | | | |  | | | SISDDA | |
|  | ACCPOB | | |  | | CONTXA | | | |  | FSYNWA | | |  | | | MENSRB | | | | |  | PIAPEB | | |  | | RSMAPA | | | | | |  | | | SNSPSB | |
|  | ACCVTB | | |  | | CSCCGA | | | |  | GEOLOB | | |  | | | MICIDA | | | | |  | PIAPRC | | |  | | RSMAPB | | | | | |  | | | SODDXA | |
|  | ACFTA | | |  | | CSCRNA | | | |  | GEOPSB | | |  | | | MIMCSA | | | | |  | PIAPRD | | |  | | RSMDCA | | | | | |  | | | SORBXA | |
|  | ACFTB | | |  | | CSDIDA | | | |  | GRDPSB | | |  | | | MITOCA | | | | |  | PIATGA | | |  | | RSMDCB | | | | | |  | | | SOURCB | |
|  | AIMIDA | | |  | | CSEPHA | | | |  | HISTOA | | |  | | | MPDSRA | | | | |  | PIATGB | | |  | | RSMECA | | | | | |  | | | SSDPDA | |
|  | AIMIDB | | |  | | CSEXRA | | | |  | ICHIPB | | |  | | | MSDIRA | | | | |  | PIXMTA | | |  | | RSMECB | | | | | |  | | | STDIDC | |
|  | ASTORA | | |  | | CSEXRB | | | |  | ILLUMA | | |  | | | MSTGTA | | | | |  | PIXQLA | | |  | | RSMGGA | | | | | |  | | | STREOB | |
|  | ATTPTA | | |  | | CSPROA | | | |  | ILLUMB | | |  | | | MTIMFA | | | | |  | PPRSDA | | |  | | RSMGIA | | | | | |  | | | SYSIDA | |
|  | BANDSA | | |  | | CSRLSB | | | |  | IMASDA | | |  | | | MTIMSA | | | | |  | PRADAA | | |  | | RSMIDA | | | | | |  | | | THEDSA (N) | |
|  | BANDSB | | |  | | CSSFAA | | | |  | IMCBDA | | |  | | | MTIRPA | | | | |  | PRADRA | | |  | | RSMPCA | | | | | |  | | | TMINTA | |
|  | BCHIPA | | |  | | CSWRPB | | | |  | IMRFCA | | |  | | | MTIRPB | | | | |  | PRJPSB | | |  | | RSMPIA | | | | | |  | | | USE00A | |
|  | BCKGDA | | |  | | ENGRDA | | | |  | IOMAPA | | |  | | | NBLOCA | | | | |  | PSUPDA | | |  | | RULER (N) | | | | | |  | | | XMLDCA | |
|  | BLOCKA | | |  | | EXOPTA | | | |  | ISACPA | | |  | | | OFFSET | | | | |  | PTPRAA | | |  | | S2EVPA | | | | | |  | | |  | |
|  | BNDPLB | | |  | | EXPLTA | | | |  | ISASIA | | |  | | | PATCHA | | | | |  | REGPTB | | |  | | SECGPA (N) | | | | | |  | | |  | |
|  | BNDPLC | | |  | | EXPLTB | | | |  | ISATPA | | |  | | | PATCHB | | | | |  | REGPTC | | |  | | SECTGA | | | | | |  | |  | | |
|  | CAMSDA | | |  | | FACCBB | | | |  | J2KLRA | | |  | | | PIAEQA | | | | |  | RELCCA | | |  | | SECURA | | | | | |  | |  | | |
|  | CCINFA | | |  | | FASYWA | | | |  | J2KLRB | | |  | | | PIAEVA | | | | |  | RGRDRA | | |  | | SEGSPA | | | | | |  | |  | | |
|  | CCLSTA (N) | | |  | | FCRNSA | | | |  | MAPLOB | | |  | | | PIAIMB | | | | |  | RPC00B | | |  | | SENSRA | | | | | |  | |  | | |
| **Other TREs:** Provide CETAG field value and functional description.Click or tap here to enter text. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**Additional Information**:

CIVA is intended to supplement existing test suites and is not sufficient to determine conformance alone. Users assume the responsibility in implementing the appropriate test suite to determine conformance. Refer to the National Geospatial-Intelligence Agency Conformance Program Plan for NITFS (NCPP) on NTB PiX portal or at <https://jitc.fhu.disa.mil/projects/nitf/testplans.aspx> for official guidance on conformance testing and certification requirements. For more information regarding standards conformance assessments, testing, and certification, contact the NTB Chair at NTBChair@nga.mil and/or the JITC GEOINT-TEC Program at disa.jitc.nitf@mail.mil.

**Routing Instructions**:

* Requests with Government Sponsorship, Government Sponsor emails completed form to:

NTBChair@nga.mil

and

disa.jitc.nitf@mail.mil

* Requests without Government Sponsorship, requestor emails completed form to:

NTBChair@nga.mil

and

disa.jitc.nitf@mail.mil