

## NIEM Conformance Assertion

**Assertion:** This National Data Exchange (N-DEx) specification based on NIEM 4.1 is certified to conform to the following NIEM specifications:

- Conformance Specification 3.0,  
URI = <http://reference.niem.gov/niem/specification/conformance/3.0/>
- Naming and Design Rules 4.0,  
URI = <http://reference.niem.gov/niem/specification/naming-and-design-rules/4.0/>
- Conformance Targets Attribute Specification 3.0,  
URI = <http://reference.niem.gov/niem/specification/conformance-targets-attribute/3.0/>
- Model Package Description 3.0,  
URI = <http://reference.niem.gov/niem/specification/model-package-description/3.0/>

**mpdURI:** "<http://fbi.gov/cjis/ndex/4.0>"

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**Certified by:** CJIS/N-DEx Program Office/GLESS, FBI CJIS

**Certification Date:** 04/19/2019

### Details of conformance verification

1. How NIEM conformance was verified:
  - a. Automatic (tool) checks were performed with NIEM-aware and XML Schema tools identified below.
  - b. Manual (subjective) checks on conformance rules were performed by CJIS/N-DEx Program Office/GLESS.
  - c. A general manual (subjective) cross-check for adherence to conformance rules and quality assurance was performed by CJIS/N-DEx Program Office/GLESS.
  - d. Business requirements associated with the information exchange defined by this IEPD were verified by two subject matter experts who are members of the CJIS/N-DEx Program Office/GLESS.
2. Tools employed:
  - a. NIEM Schema Subset Generator (SSGT) for NIEM (<http://tools.niem.gov/niemtools/ssgt/index.iepd>) generated all subset schema documents.
  - b. oXygen XML Editor (<http://www.oxygenxml.com/>) v16 was used to cross-validate XML schemas and XML instances.
  - c. An in-development version of the NIEM ConTesA was used for NIEM NDR and MPD validation.
3. Results:
  - a. No known issues remain.
  - b. All XML artifacts are well-formed and valid.
  - c. All XML schema artifacts are well-formed and valid.