

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE  
Associate Director of National Intelligence and Chief Information Officer  
Washington, DC 20511

ODNI/CIO-2010-0634

MEMORANDUM FOR: Distribution

SUBJECT: Approval of XML Data Encoding Specification for Information Resource Metadata, Version 3

REFERENCES:

- A. Intelligence Community Directive (ICD) 500, DNI Chief Information Officer
- B. Intelligence Community Directive (ICD) 501, Discovery and Dissemination or Retrieval of Information within the IC
- C. Intelligence Community Directive (ICD) 710, Classification and Control Markings System
- D. Intelligence Community Directive (ICD) 206, Sourcing Requirements for Disseminated Analytic Products
- E. Intelligence Community Directive (ICD) 208, Write for Maximum Utility
- F. Intelligence Community Policy Memorandum (ICPM) 2007-200-2

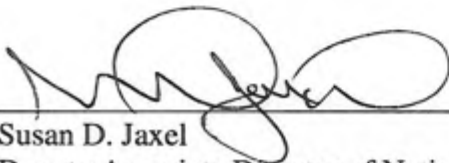
1. This Technical Specification supports Director of National Intelligence (DNI) policy guidance set forth in the above References which call upon the Intelligence Community Chief Information Officer (IC CIO) to establish, coordinate, and promulgate common enterprise standards, protocols, interfaces, or procedures required to support IC information sharing strategies and intelligence mission objectives established in relevant law, policy, and directives. Under this authority, version 3 of the *XML Data Encoding Specification for Information Resource Metadata* is hereby approved as an IC technical data specification.

2. The Office of the IC CIO facilitates one or more IC-wide collaboration and coordination forums charged with the adoption, modification, development, and governance of IC technical data specifications of common concern. These include the Common Metadata Standards Tiger Team, the Data Coordination Activity and the Architecture, Standards and Engineering Committee. The *XML Data Encoding Specification for Information Resource Metadata* is the product of these forums and is deemed technically sound and supportive of IC mission objectives.

3. The *XML Data Encoding Specification for Information Resource Metadata*, version 3 (aka, IRM.XML.V3) defines detailed specifications for using Extensible Markup Language (XML) to encode information resource metadata in compliance with the Intelligence Community (IC) Abstract Data Definition. This Data Encoding Specification (DES) defines the XML elements and attributes, associated structures and relationships, mandatory and cardinality requirements, and

permissible values for representing information resource metadata concepts using XML. This DES uses the Department of Defense Discovery Metadata Specification (DDMS) as a base and builds on that base by specifying additional metadata needed to describe information resources in the IC. In some cases, this DES specifies additional constraints on the data.

4. Version 2 of this specification was titled *Implementation Profile for Information Resource Metadata (XML Encoding)* and was signed by the IC CIO on 10 Sep 2010.
5. The *XML Data Encoding Specification for Information Resource Metadata*, version 3 is approved for submission to the IC Enterprise Standards Baseline (aka, the Intelligence Community Standards Registry), which serves as the collection of enterprise standards against which programs will be assessed for IC enterprise architecture compliance. Specific applicability and usage guidance for this version will be provided in the baseline citation once approved. This specification will also be available at DNI-sponsored web sites and in approved repositories.
6. This Technical Specification becomes effective on the date of signature.



Susan D. Jaxel  
Deputy Associate Director of National Intelligence  
for Intelligence Community Enterprise Architecture (Acting)

22 Dec 2010  
Date



Douglas P. McGovern  
Deputy Associate Director of National Intelligence  
for Information Integration Oversight & Engineering

12/22/2010  
Date

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