National Information Exchange Model

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Topics for Discussion

- ORIGIN
- DOMAINS
- GOVERNANCE
- WHY NIEM
- ANSI-NIST PROCESS
- NEXT STEPS
NIEM Origin

- NIEM is a partnership of the U.S. DOJ and DHS
- NIEM enables information sharing focusing on information exchange among organizations
- NIEM builds on the demonstrated success of the Global Justice Data Model
- NIEM exchange development methodology results in a common semantic understanding
- NIEM will standardize content, provide tools, and manage processes
NIEM Domains

- Provide content to NIEM
- Provide domain subject-matter expertise to support content development
- Have existing COIs or the ability to enroll or formulate COIs
- Possess the ability to perform outreach to relevant COIs
- Support their own governance
NIEM Domains, cont.

- Participate in NIEM governance as appropriate
- Agree to the principles and practices of NIEM (including conformance to NDR)
- Maintain alignment with the NIEM taxonomy
- Authoritatively support internal and external harmonization
- NIEM currently has 7 domains:
NIEM Domains, cont.

- Emergency Management
- Immigration
- Infrastructure Protection
- Intelligence
- International Trade
- Justice
- Person Screening
NIEM Domain Layout

- Immigration
  - Immigration, Border Security, Intelligence

- Justice
  - Courts, Probation, Parole, Corrections, etc.

- Other Domains
  - Immigration, Public Health, etc.
  - Juvenile Justice, Education, etc.

- NIEM Core
  - Border Security, Intelligence, etc.
NIEM Governance

- The ESC (Executive Steering Committee) provides strategic direction to the PMO
- Policy Advisor Panel
- The NIEM PMO (Program Management Office) oversees the implementation and development of NIEM
- Stakeholder Committee
  - NBAC responsible for advising and supporting the NIEM PMO on operational and business issues
  - NTAC structured to coordinate closely with the NBAC and to provide the technical support, tools, and methodologies to implement exchanges
 WHY NIEM?

- DOJ, DHS EA – NIEM is the standard for information exchange
- DOJ, DHS Grants – Use of NIEM is a special Condition
- CJIS Division APB approved EBTS 8.0 to be implemented using NIEM in Fall of 2006
- Updates to GJXDM were to be made under NIEM
  - Including ANSI-NIST/ITL XML 1-200X extension request
Participants

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Creation of ANSI-NIST/ITL XML Leadership Team

Team Goals

- Represent ANSI-NIST/ITL XML elements according to recommended NIEM NDR
- Submit Biometric elements (including codes) to NIEM for adoption
- Present this work to the community
- Put the draft specification through the community adoption process
NBAC approval of proposed ANSI-NIST XML structures and recommendation to NTAC for NIEM inclusion

NTAC recommended that FBI Rep. and NBAC Chair work with GTRI to include ANSI-NIST into NIEM

Leadership Team reviewed and provided updates to model after NIEM Alpha Release in February 07

All ANSI-NIST recommended elements were adopted in NIEM under ANSI-NIST namespace
Next Steps

- ANSI-NIST/ITL Specification Maintenance
- ANSI-NIST/ITL XML Versioning
- Minor correction needed by some of the structures
- Strict Schema?
Recommended Sites

- Official NIEM Website
  http://www.niem.gov

- FBI Biometric Specification Website
  http://www.fbibiospecs.org

- Current XML Draft NIST-ITL 1-2007 Part 2 Website
  http://www.doj.state.wi.us/les/NIST-ITL/index.htm
Questions