



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:



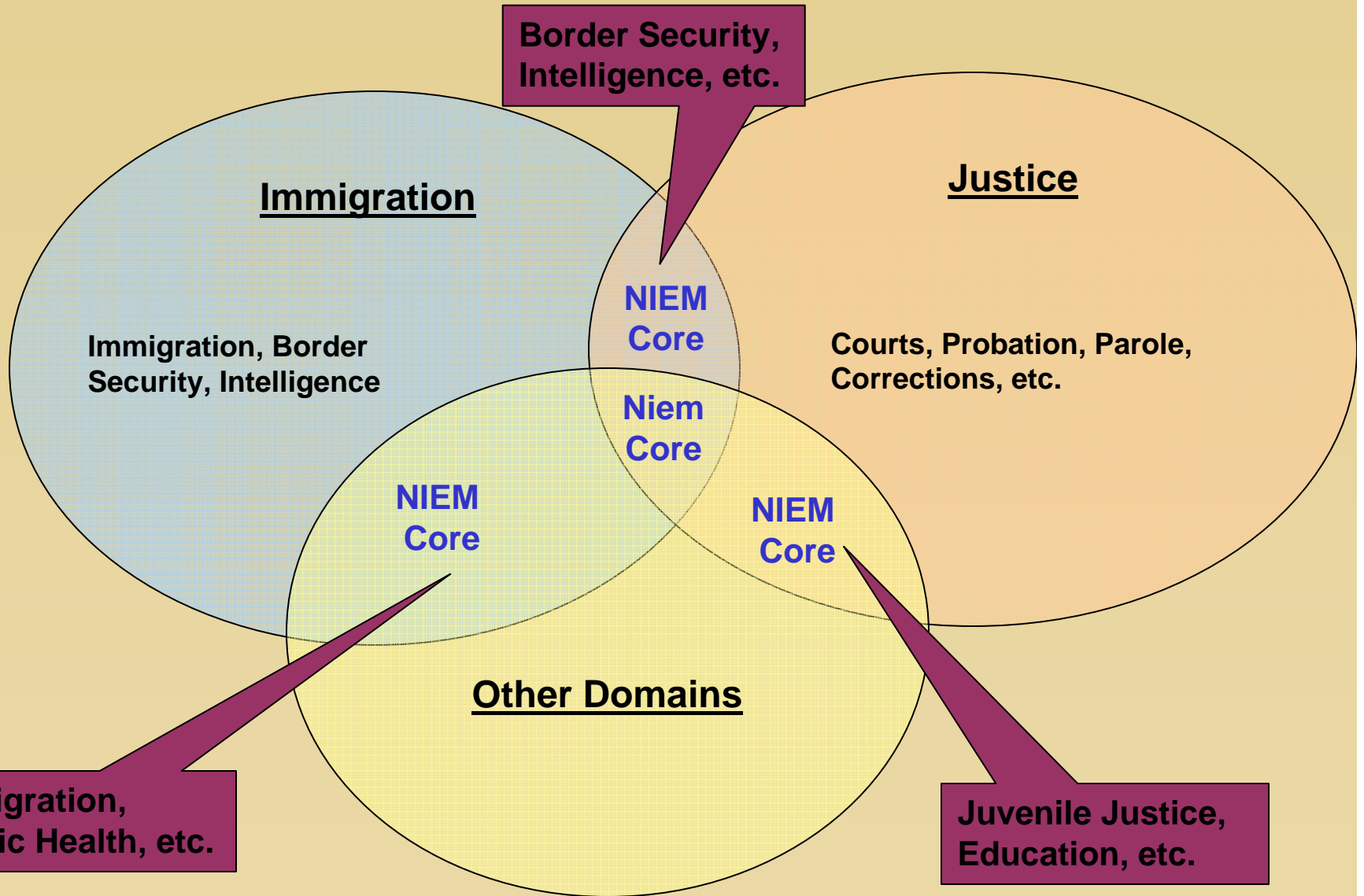
NIEM Domains, cont.



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



NIEM Domain Layout





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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ANSI-NIST XML Process



- ❑ 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



ANSI-NIST XML Process Cont.



- ❑ 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