

OASIS NIEMOpen Forensics Sub-Committee

Proposing OASIS NIEMOpen Forensics Sub-Committee

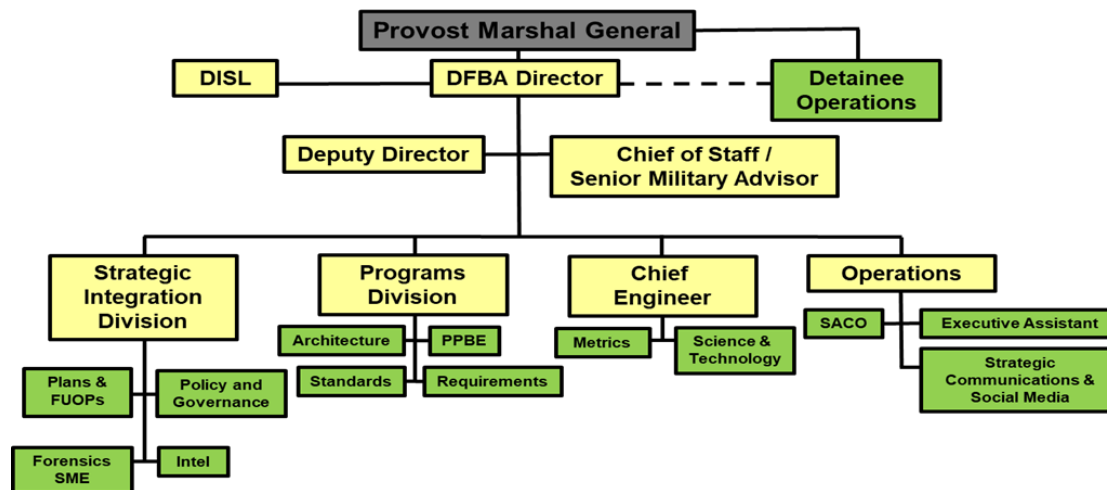


Unclassified

About DFBA



- The Defense Forensics and Biometrics Agency (DFBA) is a Direct Reporting Unit (DRU). DFBA's mission is to **lead**, **consolidate** and **coordinate** forensics and biometrics activities and operations for the Department of Defense in support of identity operations.
- DFBA carries out the DoD Executive Agent responsibilities for both forensics and biometrics on behalf of the Secretary of the Army and the Provost Marshal General.
- DFBA coordinates data-sharing between U.S. government agencies and foreign nations, as well as other executive duties.



DFBA Standards Functions



- **Advocate** DoD interest, **facilitate** formal adoption, **provide** consistent implementation guidance, and **accelerate** the development of forensic and biometric standards both **nationally** and **internationally** on behalf of the DoD Forensic and Biometric Enterprises in order to enhance interoperability among joint, interagency, international and multinational (JIIM) partners.
- Champion Forensic and Biometric standards development across USG and international levels in order to develop, revise, and give guidance on all Forensic and Biometric Standards to be used by the DoD.
- Work to ensure that Biometric and Forensic capabilities are developed to be interoperable with existing capabilities, both internal and external to the DoD.
- Coordinate and collaborate with the various DoD entities, interagency communities, and foreign mission partners in order to facilitate consistent adoption and implementation of Forensic and Biometric Standards. Provide subject matter expertise and maintain situational awareness of new technologies.
- Submit recommendations for formal DoD adoption of published standards to DoD and IC Joint Enterprise Standards Committee for review and approval

NIEMOpen Experience



- DoD Electronic Biometric Transmission Specification (DoD EBTS) 4.1
 - Standard for exchanging biometric data between DoD systems
 - NIEM conformant
 - Based on ANSI-NIST-ITL
- NIEMOpen Biometrics Domain Co-Chair
- Members of NIEMOpen MilOps Community of Interest
- Members of NBAC and NTAC
- Conformance Testing
 - Biometric Interoperability and Standards Compliance Office (BISCO)



NIEMOpen Forensics Sub-Committee Value Proposition

- Increase interoperability across DoD, DHS, FBI, and other organizations that exchange forensic information
- Increase use of forensics common and standard data and information sharing model for the forensics community
- Promotes efficient and consistent data sharing between forensics organizations by maintaining a common vocabulary for forensics attributes
- Broadens accessibility of forensics information to Other NIEMOpen sub-committee members
- Promotes forensics community-based agreements on Data Element names and definitions and code list
- Future consideration for NATO Forensics efforts

NIEMOpen Forensics Sub-Committee Data Element Overview

Initial Delivery

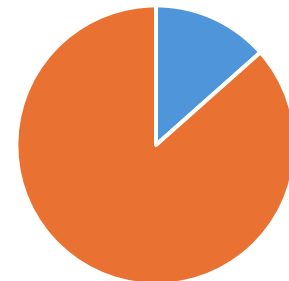
- **119** Forensics Initial Minimum Data Elements (MDE)
- **16** Forensics initial MDE mapped to NIEMOpen
- **103** Forensics initial MDE inclusion into NIEMOpen (want-list)

Total Data Elements

- **1316** Total Forensics data elements
- **389** Forensics data elements mapped to NIEMOpen
- **927** As-is Forensics data elements for inclusion into NIEMOpen (Want-List)
- The majority of the Forensic data elements mapped to NIEMOpen belong to the following Domains:
 - NIEM Core (136)
 - Military Operations (124)
 - Justice (58)
 - CBRN (29)

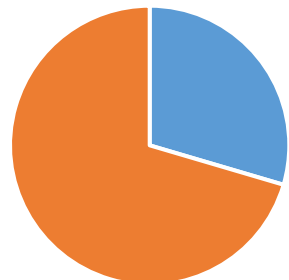
MDE = Minimum Data Element
Want-List = List of attributes requiring standardization for
input into OASIS

Initial Delivery Data Elements



■ NIEM Mapped ■ NIEM Want-List

Total Data Elements



■ NIEM Mapped ■ NIEM Want-List

NIEMOpen Forensics Sub-Committee Next Steps

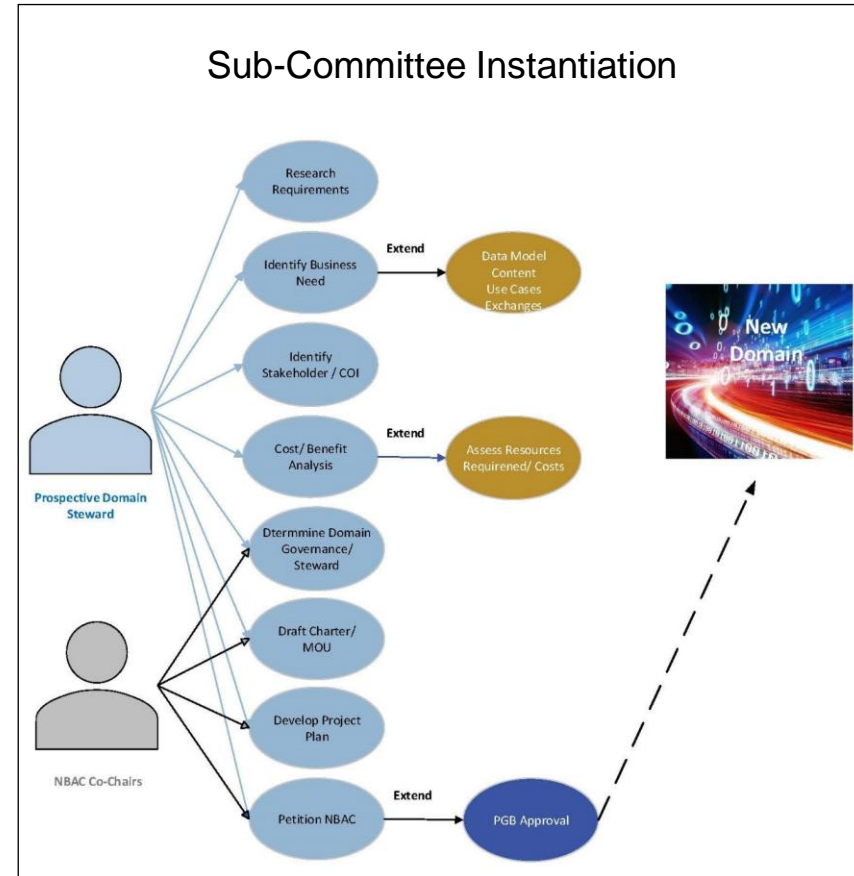
- ✓ Establishing a business need and formal NIEM model functional area
- ✓ e-CLA and I-CLA (Contributor License Agreement)
- ✓ Registering for NIEMOpen mailing lists
- ✓ Reviewing OASIS lightweight rules: <https://www.oasis-open.org/policies-guidelines/open-projects-process/>
- ✓ Review NBAC governance doc
 - Establishes the organization, governance, rules, and processes for their Col (i.e. Drafting a governance doc) to manage the model content associated with the Analytical Laboratory Sub-Committee
- ✓ Attending NBAC meetings
- ✓ Preparing a brief for the NBAC
- ✓ Actual content can be worked on, before hand, in parallel or after creating the Sub-Committee
 - Notifying OASIS PGB

Open Project Rules

This version of the OASIS Open Project (OP) Rules was approved by the OASIS Board of Directors on 14 June 2022 and became effective immediately. The change was announced to OASIS members on 01 July 2022 in <https://lists.oasis-open.org/archives/members/202207/msg00000.html> Table of Contents 1. Purpose of Open Projects 2. Project Formation 3. Roles of Parties in the [...] www.oasis-open.org

NIEMOpen Forensics Sub-Committee Operational Responsibilities

- Finalize governance document
- Create standard operating procedures
- ✓ Appoint Chair/Co-Chairs = **Chair is Ryan Triplett**
- ✓ Appoint NBAC TSC voting members
- Maintain a roster
- Schedule and hold public meetings
- Conduct a kickoff meeting
- Conduct sub-committee business
- ✓ Technical - create model and exchanges – **Work in progress**
- Technical - participate in harmonization and model version cycle activities
- Conduct outreach to stakeholders.





DFBA



DEFENSE FORENSICS & BIOMETRICS AGENCY

Defense Forensics and Biometrics Agency

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