



# AGENDA



Time	Topic	Presenter
1000 – 1005	Opening Remarks	Lavdjola Farrington
1005 – 1015	DCSA SF86	Maryann Wronko
1015 – 1025	Enterprise ICAM/SAAR	Tim Schmoyer
1025 – 1030	USMTF	Chuck Chipman
1030 – 1035	INSS UC2	Chuck Chipman
1035 – 1045	NATO/Allied	Mark Dotson
1045 – 1050	General MilOps Domain Information	Chuck Chipman
1050 – 1100	Open Discussion	All
1100	Closing Remarks	Lavdjola Farrington



# OPENING REMARKS

- NIEMOpen is having a Domain Workshop 14 Feb – 15 Feb
- There will be discussions on Domain Transition process to OASIS Open Project
- The workshop will be offered at the Georgia Tech Research Institute's Facility in Rosslyn VA.
  - There is also a Virtual Link.
  - Reach out to Mrs. Lavdjola Farrington or Ms. Beth Smalley for details on how to dial in.
- Sessions will be held from 9AM to Noon on both days. Both days have the same agenda.
- NIEM Hybrid Technical Training Sign Up is Open for Feb 13-Feb 17.
  - <https://www.eventbrite.com/e/niem-technical-training-february-2023hybrid-tickets-519829864117>

# DRAFT AGENDA 14/15 FEB

Time	Topic	Facilitator	Description
0900-0905	Welcome & Introductions	Katherine Escobar	Introduce participants & discussion of what we want to accomplish
0905-0925	Transition to NIEMOpen	Katherine Escobar	Organization Structure - Project Governing Board (PGB), Technical Steering Committees (TSC), Tiger Teams & Subcommittees; Maintainers; Domains (Subcommittees); Roles; Governing Documents (NIEMOpen Charter, TSC Governing Docs; Transition Progress; 20 Oct 2022 & 25 Jan 2023 PGB Summary: NIEMOpen.org demo.
0925-0935	Q&A	Katherine Escobar, Kamran Atri/Thomas Krul	Open Discussion
0935-0955	Open Project Lightweight Rules	Chet Ensign/ Kelly Cullinane	Summary of Open Project Lightweight Rules; Focus on roles, voting, Contributor License Agreements, release process, specification workflow
0955-1005	Q&A	Chet Ensign/ Kelly Cullinane	Open Discussion
1005-1020	Hands-on	Chet Ensign/ Kelly Cullinane, Katherine Escobar	Introducing NIEMOpen Resources: groups, mailing lists, Git Repos, SLACK, Jira, Confluence; Filling out i-clas & e-clas, registering for mailing lists, SLACK, ...
1020-1030	NIEMOpen NBAC TSC Introduction	Katherine Escobar, Kamran Atri/Thomas Krul	Governance Doc, Domains (NABC TSC Subcommittees), Domain Management & Standing Rules Tiger Team, Domain Voting Members Review, Transition Milestones for Domain
10:30 – 10:40	Break		

# DRAFT AGENDA 14/15 FEB (CONT.)

Time	Topic	Facilitator	Description
10:30 – 10:40	Break		
10:40-10:45	Q&A	Katherine Escobar, Kamran Atri/Thomas Krul	Open Discussion
10:45-11:00	Hands-on	Katherine Escobar, Kamran Atri/Thomas Krul	Introduce Domain/Subcommittee Governance Doc Template, begin a working draft, Q&A, propose suspense date for Domain/Subcommittee completion
11:00-11:10	NIEMOpen Requirements Process under Open Project	TBD	Open Discussion
11:10-11:20	NIEMOpen Harmonization Process under Open project	TBD	Open Discussion
11:20-11:30	Mature & Dormant Domains/ Conservatorship	TBD	Open Discussion
11:40- 11:50	NIEMOpen Sponsorship	Carol Geyer	Advantages of becoming a NIEMOpen Sponsor
11:50	Q&A, Action Items Review (Last Call)	Katherine Escobar	Open Discussion
1200 Noon	Adjourn	Katherine Escobar	



# DCSA SF 86

Maryann Wronko



# SF86 Information Exchange (IE) Content – Next Steps

No.	Activity	Timeframe
1	Incorporate feedback from the NIEM mapping review	February 8, 2023
2	Determine ownership (authority) over SF86 IE Content.	By February 28, 2023
3	Determine the availability and usage ( <i>security</i> ) restrictions on the SF86 IE Content, ( <i>whether it will be DOD/DCSA only, or available via NIEM to the public</i> ).	
4	Decide on whether the SF86 content will be: <ul style="list-style-type: none"> <li>• Part of an existing domain (<i>i.e., NIEM MILOPS public release, DCSA within MOMS</i>)</li> <li>• A new domain</li> <li>• A new extension. <i>Note that an extension is not part of NIEM. However, it can be:</i> <ul style="list-style-type: none"> <li>✓ Officially published with NIEM</li> <li>✓ Not published with NIEM. Managed outside of NIEM.</li> </ul> </li> </ul>	
5	Decide on an official name/namespace for the SF86 NIEM Extension work ( <i>i.e., Background Investigation (BI) Standard Form (SF) Extension</i> ).	

**Note:** Activities 2 through 5 focus on the appropriate packaging and clear communication of this work. For these activities, the Chief Data Officer (CDO), the Office of Personnel Management (OPM), Background Investigation (BI)/Continuous Vetting (CV) Business SMEs, and the Deputy Division Chief Data and Standards Division Joint Staff J6 will need to weigh-in.

#### Point of Contacts (POCs):

- S. Natarajan – DCSA PEO Lead NIEM Extension Developer - [snatarajan@mitre.org](mailto:snatarajan@mitre.org)
- A. Siddiqui – DCSA CDO Data Governance Support, [ashar.z.siddiqui.ctr@mail.mil](mailto:ashar.z.siddiqui.ctr@mail.mil)
- M. Wronko – DCSA PEO Data Lead – [mwronko@mitre.org](mailto:mwronko@mitre.org)



# SF86 Information Exchange (IE) Content – Next Steps



No.	Activity	Timeframe
6	Determine use case(s) for the SF86 content. <i>Note: Identify 1 – 2 use cases.</i>	February 2023
7	Analyze the data requirements	Dependency on completion of activity 6.
8	Develop the NIEM IEPD (Information Exchange Package Documentation) / MEP (Message Exchange Package)	<b>Dependency on completion of activities 2 through 7.</b>
9	Test the IEPD/MEP	Dependency on completion of activity 8.
10	Refine and finalize the IEPD/MEP	Dependency on completion of activity 9.

#### Point of Contacts (POCs):

- S. Natarajan – DCSA PEO Lead NIEM Extension Developer - [snatarajan@mitre.org](mailto:snatarajan@mitre.org)
- A. Siddiqui – DCSA CDO Data Governance Support, [ashar.z.siddiqui.ctr@mail.mil](mailto:ashar.z.siddiqui.ctr@mail.mil)
- M. Wronko – DCSA PEO Data Lead – [mwronko@mitre.org](mailto:mwronko@mitre.org)



# ENTERPRISE ICAM (E-ICAM) / DD FORM 2875 (SAAR) IEPD

## Description:

- ICAM is the set of tools, policies, and systems that an agency uses to enable the right individual to access the right resource, at the right time, for the right reason.
- DD Form 2875, System Authorization Access Request (SAAR)

## Objectives:

- Federate ICAM within the DoD
- Identify E-ICAM Data Federation Information Exchange / Process, starting with development of SAAR IEPD

## Points of Contact:

- Susan Bobinger, DISA
- Tim Schmoyer, MITRE

## Status:

- See DISA slides



# U.S. MESSAGE TEXT FORMAT (USMTF) (MIL-STD-6040)

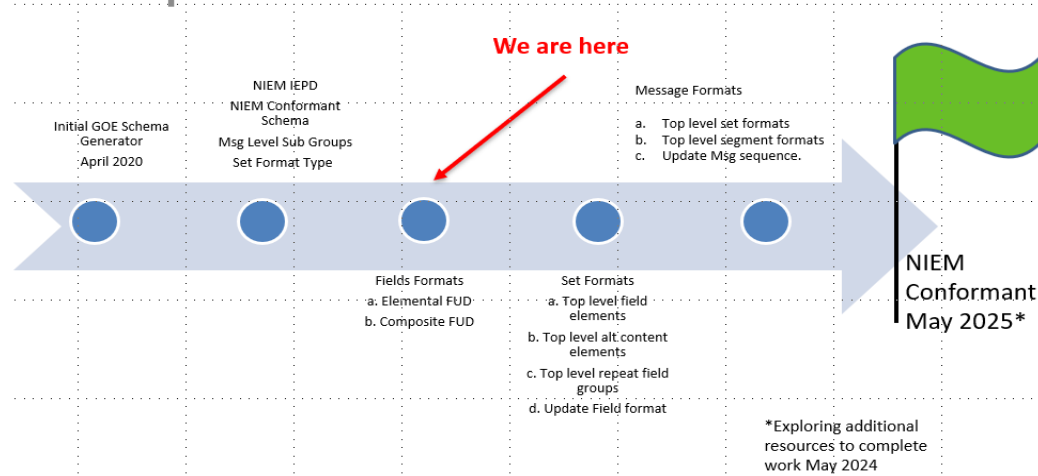
## Description:

- DoD standard for exchange of character-oriented, structured IERs (message text format) formatted in XML (XML-MTF)
- CJCSI 6241.04 (policy & procedures), Mil-Std-6040 (rules & conventions)
- Configuration managed by Joint CC/S/A Configuration Control Board (CCB) chaired by DISA
- 325 message that cover a wide variety of mission areas, such as: Air Operations, Combat Operations, Combat Support, Fire Support, Intelligence, Maritime Operations
- Equivalent to NATO Allied Data Publication (ADATP)-03

## Objectives:

- Adopt NIEM Naming and Design Rules (NDR)
- Update USMTF configuration management (CM) toolset maintained by DISA
- Produce NIEM conformant Information Exchange Package Documentations (IEPDs), aka Message Specification
- Publish USMTF content in NIEM MilOps/MOMS in sub-namespaces for USMTF
- Harmonize USMTF content with NIEM/MilOps content over time
- Advocate/support NATO MTF adoption of NCDF (“NIEM in NATO”)

## Roadmap:



## Status:

- JS working three Interface Change Proposals (ICPs), anticipate submissions to USMTF CCB Feb, Mar, and Apr
- DISA contractors updating USMTF CM tools; JS meeting weekly with DISA to answer ICP/NIEM questions, work through issues
- Held kickoff meeting to address re-write of Mil-Std-6040
- Added/adding more USMTF content to NIEM 5.2
- Meeting with NATO MTF Capability Team (MTF CaT) this week to discuss changes to ADatP-3, writing team requirements





# NATO / ALLIED

Mark Dotson

# NATO CORE DATA FRAMEWORK (NCDF) CWIX 2023 AND FEDERATED MISSION NETWORKING (FMN)



- ***NCDF ~ NIEM in NATO***

- Adopt NIEM-like technical specifications (e.g NDR, IEPDs)
- Adopt NIEM-like business processes (e.g. core and domain models)
- Draft NCDF STANAG (standardization agreement); will enter ratification process this year
- NATO Semantic Reference Model (SRM) Vision: create a Common Cross Community SRM (CXCSR)

- ***CWIX 2023 – NCDF Data Lake demonstration***

- Use NCDF model as basis for structural data stored in the data lake
- Includes transformation from several formats to NCDF (e.g. MIP, MTF, OTH-G, NVG, KML, native XML)
- Data tagged for discovery/search/access control (IAW STANAGs 4774/4778/5636)
- Includes data from various COIs: Maritime, CBRN, C2, Medical, Cyber, ISR, Space, Land

- ***NCDF in FMN***

- FMN is NATO effort to establish min federation capabilities to ensure Day 1 interoperability for NATO operations
- Includes set of Procedural Instructions and Service Instructions
- FMN Spiral 5 Service Instruction for Cross Community Information Sharing (NCDF Data Lake)





# General MiOps Domain Information

# NIEM 5.2 RELEASE

- NIEM 5.2 is a minor release
- NIEM 5.2 grew from 12,976 to 18,980 properties
- See <https://niem.github.io/niem-releases/> for more

## Key changes

- **Biometrics domain** – Added and updated DNA categories and encodings
- **Cyber domain** – Added and updated Cyber Physical System (CPS) and SLTT Agency Cyber Incident Reporting Requirements
- **Learning and Development domain** (*new*) – Added courses course sections, students, and employment positions
- **Justice domain** – Updated FBI’s National Crime Information Center (NCIC) codes
- **MilOps domain**
  - Added Minimum Essential Metadata (MEM) – *40 new properties*
  - Added USMTF content as a subdomain – *5,719 new properties*

Phase	NIEM
Alpha	AUG 2022
Beta	OCT 2022
RC	DEC 2022
Release	DEC 2022
MOMS	MAR 2023

## NIEM 5.2 MILOPS MISSION SPECIFIC (MOMS)

- Separate release for distribution restricted content, typically published 3 months after public release; currently includes:
  - Distribution Statement C – Federal gov't and contractors
  - Distribution Statement D – DoD and contractors
- MOMS content/sources include: ASW COI, DCSA, JP 3-52 (Airspace Control), Link-16, USMTF, VMF, and more
  - Additional USMTF content to be added to MOMS 5.2
- MOMS releases include restricted content versions of the Conformance Testing Assistant (ConTesA) and the Schema Subset Generation Tool (SSGT), which are available upon request due to file size
- MOMS releases are available on the NIEM Restricted Repository hosted on the Warfighting Mission Area – Architecture Federation and Integration Portal (WMA-AFIP) at <https://wmaafip.js.mil/NIEM>

# MILOPS DOMAIN

- Main landing page - <https://www.niem.gov/communities/military-operations>
  - Become a member - <https://www.niem.gov/contact>
  - Governance
  - Explore MilOps model content
    - Download the current NIEM release which includes updates to MilOps model content - <https://niem.github.io/niem-releases/>
    - NIEM Restricted Repository - <https://wmaafip.js.mil>
    - View model content using Movement - [https://beta.movement.niem.gov/#/results?q=\\*&selectedFacets=domain:%22Military%20Operations%22&page=1](https://beta.movement.niem.gov/#/results?q=*&selectedFacets=domain:%22Military%20Operations%22&page=1)
  - Success Stories - <https://www.niem.gov/about-niem/success-stories>
  - Get involved - <https://niem.github.io/community/milops/>



