



NIEMOPEN

MilOps Stakeholder Engagement

Wednesday, 11 January 2023

AGENDA



Time	Topic	Presenter
1000 – 1005	Opening Remarks	Ms. Beth Smalley
1005 – 1010	PGB Update	Mr. Stephen Sullivan
1010 – 1015	NMO Update	Mr. Stephen Sullivan
1015 – 1020	NBAC Update	Mr. Stephen Sullivan
1020 – 1025	NTAC Update	Mr. Tom Carlson
1025 – 1035	5.2 Release	Ms. Christina Medlin
1035 – 1050	MILOPS Objectives for 2023	Ms. Beth Smalley
1050 – 1055	Open Discussion	All
1055 – 1100	Closing Remarks	Ms. Beth Smalley

PGB UPDATE

KATHERINE ESCOBAR



- Next PGB Meeting 25 JAN 2023
 - Topics:
 - Charter Amendment
 - Release Cycle Proposal
 - First NIEM Open Project Specification Standard
- NIEMOpen Incumbent PGB Members & Expert Voting Members
- Prospective Sponsors
- Transition Update
- NIEMOpen Resources

PGB VOTING MEMBERS



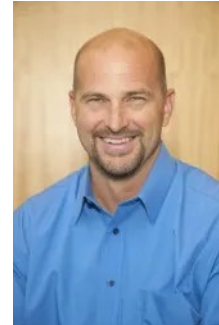
Ms. Katherine Escobar
PGB Chair
Deputy Division Chief,
Data and Standards
Division at Joint Staff J6
and NIEM Managing
Director



Ms. Christina Bapst-Stump
Science and Technology
Directorate, US Department of
Homeland Security



Mr. Gary Egner
Director Business
Development,
Equivant



Mr. John Wandelt
Principal Research
Scientist, Georgia Tech
Research Institute



Mr. Duncan Sparrell
CSO sFractal Consulting



Mr. Tom Welch
Secretary | Past President
National Association for
Justice Information Systems



PGB VOTING MEMBERS Founding Sponsor Organizations



Ms. Katherine Escobar
PGB Chair
Deputy Division Chief,
Data and Standards
Division at Joint Staff J6
and NIEM Managing
Director



Mr. Phil Mattson
Senior Executive Standards Advisor
Systems Engineering & Standards
Division, Science and Technology
Directorate, US Department of
Homeland Security



Mr. Gary Egner
Director Business
Development,
Equivant



Mr. John Wandelt
Principal Research
Scientist, Georgia Tech
Research Institute



PGB EXPERT VOTING MEMBERS (TSCs)



Kamran Atri
Co-Chair
NIEM Business
Architecture Committee
(NBAC) Technical Steering
Committee (TSC)

The NBAC TSC PGB
Expert Voting Member role
will alternate between Co-
Chairs on a semi-annual
basis. (Kamran Atri: 1 Jan
2023 - 31 June 2023,
Thomas Krul: 1 Jul 2023 –
31 Dec 2023).



Jim Cabral
Co-Chair
NIEM Technical
Architecture Committee
(NTAC) Technical Steering
Committee (TSC)



Beth Smalley
Co-Chair
NIEM Management Office
(NMO) Technical Steering
Committee (TSC)

NIEM OPEN SPONSORSHIP

- Founding sponsors

- JS J6
- DHS S&T
- Equivant
- GTRI
- sFractal
- NAJIS



- On the Cusp

- DHS OBIM
- NIST
- FBI
- MITRE
- DOT



- Expressed Interest

- Government of Canada
- Microsoft
- Veterans Administration
- Tyler technologies
- Earnst & Young



Ms. Carol Geyer
– OASIS Open Chief Development Officer



NIEM OPEN TRANSITION PROGRESS



Complete

- ✓ Draft POA&M
- ✓ Draft and publish NIEM Open Charter
- ✓ J6 Sponsorship
- ✓ Transfer NIEM community Rosters/email distros
- ✓ Conduct First Sponsor Kickoff Mtg
- ✓ OASIS Admin Privileges
 - Web Presence (NIEMOpen.org)
 - Jira/Confluence
- ✓ Revising NBAC & NTAC Governance Docs Agreements
- ✓ TRANSITION ESC TO PGB ADVISORY BODY 20 OCT 22
- ✓ KICKOFF PGB 20 OCT 22
- ✓ Build Out NIEMOpen.org
- ✓ Update NIEM Branding
- ✓ Establish OASIS Jira & Confluence Site

Planned/ In Progress

- Weekly Synch w/ OASIS Staff
- Assessing NIEM Model & NIEM GTRI GitHub Capital/Equities & Planning Transfer to OASIS
- Researching OASIS Release Process and Planning 1st Release Under OASIS
- Prepare the NIEM Conformance Targets Attribute Specification (CTAS) 3.0 for approval as a Project Specification (PS)
- Transition Domains as Subcommittees under NBAC TSC
- Plan / Develop 6.0 Release under OASIS Rules

Recurring/On-Going

- Identify Potential Sponsors/Conduct Outreach
- Populate OASIS Jira & Confluence Site
- Conduct Weekly Synch w/ OASIS Staff
- Obtain Contributor License Agreements

To Be Accomplished

2023!

- Physically Transfer NIEM Capital/Equities (Model, Specifications, Documentation) to OASIS
- Implement “New” development and release processes (lead developer actions)

Submit NIEM Project Specifications for Approval as OASIS Standard

- NIEM Model
- NIEM Technical Framework

RESOURCES

- [OASIS Open - OASIS Open \(oasis-open.org\)](https://oasis-open.org)
- NIEMOpen Web Presence:
 - <http://NiemOpen.org>
 - <https://www.niem.gov/>
- Git Repos
 - NIEMOpen: <https://github.com/niemopen/oasis-open-project>
 - NTAC TSC (admin): <https://github.com/niemopen/ntac-admin>
 - NBAC TSC (admin): <https://github.com/niemopen/nbac-admin>
 - NMO TSC TBD: in-progress
- NIEMOpen Slack Channel:
- https://join.slack.com/t/niemopen/shared_invite/zt-1n1brwp2p-bRBR~gklra0f5Btdzami5w
- Mailing Lists
 - NIEMOpen : <https://lists.oasis-open-projects.org/g/niemopen>
 - NTAC TSC: <https://lists.oasis-open-projects.org/g/niemopen-ntactsc>
 - NBAC TSC: <https://lists.oasis-open-projects.org/g/niemopen-nbactsc>
 - NMO TSC: <https://lists.oasis-open-projects.org/g/niemopen-nmotsc>
 - SLTT Tiger Team: <https://lists.oasis-open-projects.org/g/niemopen-slтт>



NMO UPDATE

STEPHEN SULLIVAN

- Next **PGB** Meeting 25 Jan 23 2 – 4 PM EST
- NEXT **NBAC TSC** Meeting 26 Jan 23 1-2 PM
- Established Outreach and Communications Subcommittee under NMO TSC
- Established Domain Management & Standing Rules Subcommittee under NBAC TSC
- NIEM Training
 - **JAN Class (9-13 JAN 2023) Ongoing**
- Domain Engagement – the Transition Process
 - Planning Domain Transition Workshops and Office Calls in DC 14-16 Feb 23
 - Workshops 9 AM – noon 14 & 15 Feb @ GTRI, Rosslyn, VA
 - i-CLAs & e-CLAs (email Stephen.m.sullivan14.ctr@mail.mil for info or [Open Project Rules - OASIS Open \(oasis-open.org\)](https://openprojectrules.org/))
- Join NIEMOpen NBAC TSC Group/Mailing List: <https://lists.oasis-open-projects.org/g/niemopen-nbactsc>
- Join NIEMOpen NTAC TSC Group/Mailing List: <https://lists.oasis-open-projects.org/g/niemopen-ntactsc>
- Public IEPD/MEP R&R: <https://www.niem.gov/about-niem/message-exchange-package-mep-registry-repository>
- Look at the NIEMOpen Git Repo (Charter & Governance Documents): <https://github.com/niemopen/>

NBAC TSC UPDATE

KAMRAN ATRI & THOMAS KRUL

- NEXT **NBAC TSC** Meeting 26 Jan 23 1-2 PM
- NBAC TSC Focus:
 - Domain Transition
 - Recrafting Domain Governance Documents
 - i-CLAs & e-CLAs (email Stephen.m.sullivan14.ctr@mail.mil for info or [Open Project Rules - OASIS Open \(oasis-open.org\)](https://openprojectrules.org/))
 - Establishing Domain Management & Standing Rules Tiger Team under NBAC TSC
 - Transition Workshop & Office Calls 14-16 Feb 23
 - Workshops 9 AM – noon 14 & 15 Feb @ GTRI, Rosslyn, VA
- Transitioning Action Tracker to OASIS Jira
- Standing up NABC TSC Admin Git Repo: <https://github.com/niemopen/nbac-admin>
- Join NIEMOpen NBAC TSC Group/Mailing List: <https://lists.oasis-open-projects.org/g/niemopen-nbactsc>
- Look at the NIEMOpen Git Repo (Charter & Governance Documents): <https://github.com/niemopen/>

NTAC TSC UPDATE

TOM CARLSON

OASIS Transition

- Proposals to the Project Governing Board (PGB)
 - Standing rules around voting members and delegation of membership authority
 - Initial project artifacts
- Planning for moving existing Github repositories to OASIS repositories
 - How will they be organized
 - How will we "mark" releases
- Planning for moving forward with NIEM 6 under OASIS processes and procedures
 - Mapping "Classic NIEM" processes to their OASIS counterparts
- Putting the Conformance Targets Attribute Specification (CTAS) through the OASIS process to get our feet wet
- Licensing
 - CC BY 4.0: <https://creativecommons.org/licenses/by/4.0/>
 - Apache for code when the time comes

NTAC TSC UPDATE

TOM CARLSON

NIEM 6 Technical Work

- Continued development of Common Model Format (CMF)
 - Latest efforts are supporting global attributes
 - Security markings just one application
 - Supporting tools
 - Transformations to/from XML Schema
 - Transformations to JSON Schema
- Some technical decisions
 - Changing NIEM subset conformance targets to EXT instead of REF

NIEM 5.2

- 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



MILOPS SUB-COMMITTEE UPDATE



BETH SMALLEY

2022 Highlights: Describe your NIEM domain accomplishments, activities, best practices

2023 Objectives: Describe your NIEM domain goals and plans for next year

- **2022 Highlights**

- Showcased NCDF capabilities in CWIX 2022
- Transitioned from APAN to OASIS repositories
- Approval of NIEM as a key JADC2 standard
- Continued support of UC2 language standard development
- Added DoD Minimum Essential Metadata
- Added 8,787 USMTF properties & types
- Supported DCSA development of SF86 IEPD and DCSA reference model
- Supported DISA with development of SAAR IEPD and DISA Enterprise ICAM model
- Supported AFRL with development of 6 cyber incident messages; will demonstrate in CWIX 2023

- **2023 Objectives**

- Showcase improved NCDF capabilities in CWIX 2023
- Complete USMTF transition to NIEM NDR and MilOps Domain content additions; support transition to NIEM IEPD
- Increased adoption of NIEM:
 - ✓ JADC2 enterprise stakeholders
 - ✓ Universal Command & Control (UC2)
 - ✓ SF86 IEPD/DCSA reference model
 - ✓ SAAR IEPD, Enterprise ICAM model
 - ✓ AFRL Cyber exchanges

