



# NIEMOPEN

NBAC TSC Slides  
24 April 2025 Meeting

Stephen Sullivan

# 24 APRIL 2025 NBAC TSC AGENDA

- 1:00 NBAC Chair (s) Opening Remarks – Mr. Kamran Atri, Thomas Krul & Paul Wormeli
- 1:10 NIEM Management Office (NMO) Update – Mr. Steve Sullivan
  - April NBAC/NTAC Meeting Highlights
  - 22 May Webinar
  - 29 May PGB Meeting
  - 8 October Reveal
  - Technical Announcements
- 1:20 Forensics Prospective Domain Presentation - Ryan Triplett & Kamran Atri
- 1:45 NTAC Update – Scott Renner, Brad Bolliger
- 1:50 Communications & Outreach NMO Sub-Committee update – Paul Wormeli
- 1:55 Community Updates – all
- 2:00 Questions/Final Remarks

# NIEM MANAGEMENT OFFICE

- Conducted April 16-17 NBAC/NTAC Meeting @ IJIS, Ashburn, VA
  - <https://github.com/niemopen/nbac-admin/tree/main/16-17-april-2025-nbac-ntac-meeting-docs>

## Big Picture

- **Reduce DOD Footprint**
  - Transition responsibilities among sponsoring organizations & committees
  - Share DOD technical resources/support
  - Share DOD management support/roles and responsibilities (NMO)
  - Broadly realign NIEMOpen governance, roles and responsibilities at committee level
  - Stand up workgroup to consider alternatives and present to PGB
- **Increase Revenue Available to NIEMOpen:**
  - Diversify funding sources.
  - Reduce historical reliance on DOD and other Federal partner largesse.
  - Emphasized the need for broad NIEMOpen participation in cultivating sponsors, focus on maintaining current sponsors and identifying and onboarding new sponsors.
  - 13 near term sponsor prospects identified, capture managers assigned, ~ 330K near term budget plus-up.
  - Pursue monetizing NIEMOpen services – training & tech support.
  - Investigate feasibility of establishing a requirement for new domain organizations to become sponsors and pay instantiation fee.
  - Pursue Congressional line item in budget in consonance with new Administration focus on Federal interoperability.

# NIEM MANAGEMENT OFFICE (CONT)

## Big Picture (CONT)

- **Identify Ways to Distribute and Resource Lead Developer Tasks**
  - Historically NIEM relied on Lead Developer contract support for technical architecture and model tasks (2-2 1/2 Senior FTEs)
  - Identified historical/current Lead Developer tasks:
    - Model maintainer
    - Harmonization process lead
    - Domain content QA
    - Configuration management
    - Model change management documentation
    - Specification and model release process.
  - Revisit Technical Steering Committee Roles and Responsibilities to realign support for Lead Developer activities
    - Assemble Working Group to explore alternatives and report to PGB at 27 May PGB Meeting.
    - Identify tasks that can be absorbed by NTAC & NBAC
    - Identify support-in-kind from sponsoring and member organization/participants
  - Pursue 100K bridge funding from NIEMOpen PGB.
    - Create business case for 27 May PGB Meeting
    - Pre-stage SOW expecting favorable PGB vote.

# NIEM MANAGEMENT OFFICE (CONT)

## Big Picture (CONT)

- **Establish Priorities**

- Decrease DOD Footprint.
- ✓ Approve NDA PSD01 & Model Version 6.0 PS02
- Finish tooling.
  - CMF Tool
  - API 2.0 + model management tasks as feasible
  - MEP tool compatibility with API 2.0 and Model Version 6.0.
- Identify and secure near-term sponsorship and funding for tech support.
- Capture PGB support for 100K tech bridge funds.
- Develop COAs for NBAC, NTAC, NMO to reduce DOD footprint and ameliorate Lead developer tasks.
- Articulate new Vision highlighting new NDR, model version and tooling as marketing tool.
- Develop view of future NIEM architecture incorporating knowledge graph and AI technologies.
- Explore methodologies of comportsing other standards with NIEM.

# NIEM MANAGEMENT OFFICE (CONT.)

- April 28 – 1 May California County Information Services Directors Association (CCISDA) Spring Conference, Eveline Resort & Spa, Lake Tahoe, CA
  - Paul Wormeli Guest Speaker
  - <https://ccisda.org/page/2025SC>
- Webinar 22 May 1-3 PM EDT
  - Registration: <https://ijis.org/events/niemopen-webinar-unveiling-the-future-of-niem/#!event-register/2025/5/22/niemopen-webinar-8211-unveiling-the-future-of-niem>
- **Next PGB Meeting 29 May 2-4 PM EDT**
  - **Microsoft Teams May PGB**
    - [Join the meeting now](#)
    - Meeting ID: 993 272 665 665
    - Passcode: yQ6Cz6Wh
    - Dial in by phone**
    - [+1 410-874-6749,,743104072#](#) United States, Odenton
    - Phone conference ID: 743 104 072#
- NIEM Reveal 8 October 2025, Planning Started, National Press Club, Washington, DC

# TECHNICAL ANNOUNCEMENTS

- NIEMOpen NDR v6.0 PSD01 Approved
  - Submitted for Publication to OASIS Library
  - The permanent "Latest stage" URI will be:  
<https://docs.oasis-open.org/niemopen/ndr/v6.0/ndr-v6.0.html>
  - Current Version: <https://github.com/niemopen/niem-naming-design-rules>
- NIEM Model v6.0 PS02 Approved
- The permanent "Latest stage" URI will be:  
<https://docs.oasis-open.org/niemopen/niem-model/v6.0/niem-model-v6.0.html>
  - Dev version: <https://github.com/niemopen/niem-model/tree/dev>

# WEBINAR

- **Event date:** Wednesday 22 May, 1:00 p.m.
- **Duration:** 2 hours—90 minutes for presentations, 30 minutes for Q&A
- **Press Releases:**
  - **NIEMOpen.org News**, <https://niemopen.org/news/free-webinar-unveiling-niem-version-6-0/>
  - **NBAC, NTAC, PGB announcement**, [https://lists.oasis-open-projects.org/g/niemopen-nbactsc/topic/niemopen\\_webinar\\_22\\_may\\_2025/111747876](https://lists.oasis-open-projects.org/g/niemopen-nbactsc/topic/niemopen_webinar_22_may_2025/111747876)
  - **IJIS Registration Site:** <https://ijis.org/events/niemopen-webinar-unveiling-the-future-of-niem/#!event-register/2025/5/22/niemopen-webinar-8211-unveiling-the-future-of-niem>
  - **EINPRESSWIRE** <https://www.wjhl.com/business/press-releases/ein-presswire/793904715/free-webinar-unveiling-niemopen-6-0-release/>

- **Agenda:**
  - 1:00 Welcome and relevance - Maria Cardiellos (Executive Director, IJIS)
  - 1:10 Introduction to the new NIEMOpen – Katherine Escobar (PGB Chair)
  - 1:20 The New NIEM
    - New NIEM Model Version 6.0 – Dr. Scott Renner (NTAC Co-Chair)
    - CMF/CMF Tool ( includes demo) – Dr. Scott Renner (NTAC Co-Chair)
    - API 2.0 – Dr. Scott Renner (NTAC Co-Chair)
    - NDR 6.0 and toolkit + future updates – Dr. Scott Renner (NTAC Co-Chair)
  - 1:50 Future Architecture, role of Ontologies, and AI - Brad Bolliger (NTAC Co-Chair)
  - 2:00 The future of NIEMOpen with OASIS – Jim Cabral ( Director OASIS)
  - 2:10 NIEM on the ground – Maria Cardiellos (Executive Director, IJIS) TBD
  - 2:20 New dimensions for NIEMOpen in ontologies – Carolyn Staats (Sonoma County)
  - 2:30 The future, plans and resources – Katherine Escobar
  - 2:35 Q&A (panel with Katherine Escobar, Maria Cardiellos, NBAC and NTAC Co-chairs)
  - 8 ○ 3:-00 Close



# BACKUP

# RESOURCES

Katherine Escobar, [katherine.b.escobar.civ@mail.mil](mailto:katherine.b.escobar.civ@mail.mil), 757-203-8631

- **Git Repos**

- NIEMOpen: <https://github.com/niemopen/>
- NTAC TSC
  - <https://github.com/niemopen/ntac-admin>
- NBAC TSC
  - <https://github.com/niemopen/nbac-admin>
- NMO TSC
  - <https://github.com/niemopen/nmo-admin>
  -
- NIEMOpen Slack Channel: <https://niemopen.slack.com/>

- **Mailing Lists**

- NIEMOpen: <https://lists.oasis-open-projects.org/g/niemopen>
- PGB: <https://lists.oasis-open-projects.org/g/niemopen-pgb>
- 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>



<https://www.niem.gov/>

<https://niemopen.org/>



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<https://www.linkedin.com/groups/1903175/profile>



<https://www.youtube.com/channel/UCg9qV22PXLBJG41hc-EwVrQ>

[IEPD/MEP REPO](#)

[MEP TOOL](#)

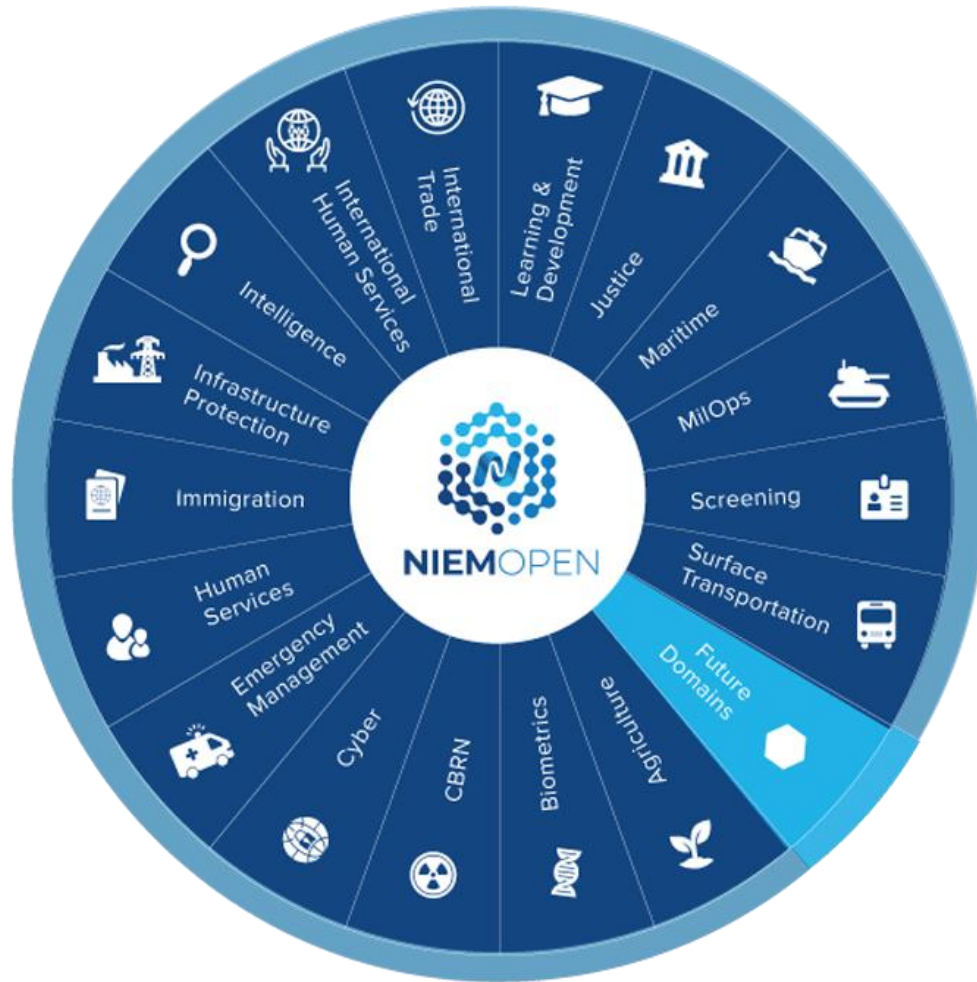
[CMF TOOL](#)

[NDR v6.0 PSD01](#)

[NIEM Model v6.0 PS02](#)



# NIEMOPEN DOMAINS



- 17 Domains

- 4 in Conservatorship

- Agriculture
    - Cyber
    - Infrastructure protection
    - Screening

- 3 Prospective Domains

- Forensics Domain

IOC  
May 2025

- Analytical Laboratories Domain

Aug – Sep 2025

- Identity Management Domain

Nov-Dec 2025

# NIEMOPEN CURRENT SPONSORS

11 Sponsors, 3 Premier

## Sponsors

- JS J6
- DHS S&T
- CJIS (FBI)
- GTRI
- Equivant
- NAJIS
- BJS
- IJIS
- NIJ
- APN
- ODGA (Virginia)



Premier



Homeland  
Security  
Science and Technology

Premier



Premier



equivant



All Purpose Networks, Inc.



## Prospective Sponsors



Microsoft

Senzing



Homeland  
Security

Office of Standards



Department of National Defense



Niets



CODE for  
AMERICA

NIST  
National Institute of  
Standards and Technology  
U.S. Department of Commerce



# PGB APPOINTED 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



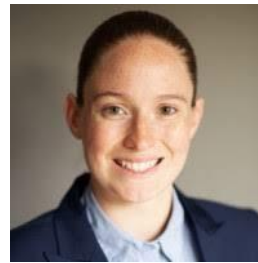
**Ms. Maria Cardiellos**  
Executive Director  
Integrated Justice  
Information Systems  
Institute



**Mr. Payton Lamb**  
Data Engineer  
Commonwealth of Virginia  
Office of the secretary of  
Administration  
Office of Data Governance  
and Analytics



**Ms. April Mitchell**  
FBI It Specialist and Technical  
Lead of Data Standards in the  
Criminal Justice Information  
Services (CJIS) Division



**Ms. Erin Partin**  
Data Scientist,  
Office of the  
Principal Deputy  
Director, National  
Institute of Justice  
(NIJ)



**Ms. Erica Smith**  
Data Scientist, Unit  
Chief – Law  
Enforcement  
Incident-Based  
Statistics Unit,  
Bureau of Justice  
Statistics (BJS)



**Mr. Tom Welch**  
Director of  
Information  
Technology OHIO  
HIDTA –  
Including Northern  
KY & Western PA



**Mr. James T. Herbert**  
Company  
Advisor, All  
Purpose  
Networks,  
Inc. (APN)



# PGB EXPERT VOTING MEMBERS & NON-VOTING MEMBERS

## PGB EXPERT VOTING MEMBERS Technical Steering Committees



**Mr. Thomas Krul**  
Co-Chair, NIEM  
Business  
Architecture  
Committee TSC

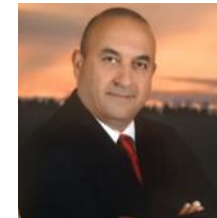


**Ms. Darcy Staley**  
Co-Chair, NIEM  
Management  
Organization TSC



**Dr. Scott Renner**  
Co-Chair, NIEM  
Technical  
Architecture  
Committee TSC

## PGB EXPERT NON-VOTING MEMBERS Technical Steering Committees



**Mr. Kamran Atri**  
Co-Chair, NIEM  
Business  
Architecture  
Committee TSC



**Mr. Paul Wormeli**  
Co-Chair, NIEM  
Business  
Architecture  
Committee TSC

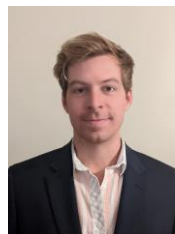


**Mr. Brad Bolliger**  
Co-Chair, NIEM  
Technical  
Architecture  
Committee TSC

# NMO, NBAC, & NTAC TSC CO-CHAIRS & OASIS MAINTAINERS

TSC	Approved (TSC CHAIRS)
NMO TSC	Ms. Darcy Staley & Ms. Beth Smalley
NBAC TSC	Mr. Kamran Atri & Mr. Thomas Krul, Mr. Paul Wormeli
NTAC TSC	Dr. Scott Renner & Mr. Brad Bolliger

NTAC  
TSC



NBAC  
TSC



NMO  
TSC



GitHub Repos	Primary	Alternates
NIEM Open	Ms. Christina Medlin, Mr. Aubrey Beach	Mr. Tom Carlson, Ms. Shunda Louis, Mr. Steve Sullivan (pgb-minutes)
NTAC-Admin	Dr. Scott Renner, Mr. Brad Bolliger	Mr. Aubrey Beach, Mr. Tom Carlson, Mr. Jim Cabral, Ms. Christina Medlin, Ms. Shunda Louis
NBAC-Admin	Mr. Steve Sullivan, Mr. Aubrey Beach	Ms. Shunda Louis, Ms. Christina Medlin
NMO-Admin	Ms. Darcy Staley, Mr. Aubrey Beach	Mr. Steve Sullivan, Ms. Shunda Louis



Christina Medlin



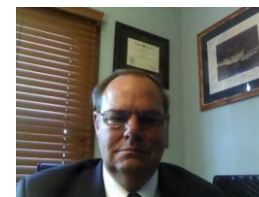
Aubrey Beach



Dr. Scott Renner



Brad Bolliger



Steve Sullivan



Darcy Staley