



NIEMOPEN

PGB Session

14 November 2024

Ms. Katherine Escobar
NIEMOpen Project Governing Board Chair

CALL TO ORDER

- Called to order the regular virtual meeting of the NIEMOpen Project Governing Board at 2 PM, 14 November 2024.

VENUE

PGB Meeting

- 14 November 2024
- Virtual Meeting 2-4 PM EST
 - Virtual: MS TEAMS

Microsoft Teams 7 November 2024 PGB Meeting

Microsoft Teams

[Join the meeting now](#)

Meeting ID: 993 230 617 696

Passcode: qGzTqU

Dial in by phone

[+1 410-874-6749,,202460060#](#) United States, Odenton

[Find a local number](#)

Phone conference ID: 202 460 060#

PGB Minutes & documents:

<https://github.com/niemopen/oasis-open-project/tree/main/pgb-meeting-minutes>

MAKING THE MOST OF OUR SESSION

Virtual Meeting Etiquette

PLEASE:

- **MUTE** your mic when you're not talking
- Identify yourself before you start to speak
- **Speak clearly**
- **Disable “call waiting” feature**
(the clicking noise can be heard by all)

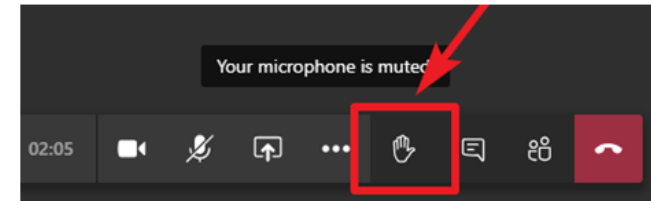
Please note: ESC sessions are audio recorded.

Meeting Minutes will be published and distributed to participants.

QUESTIONS & ANSWERS ARE ENCOURAGED!

To signal you want to contribute without interrupting the speaker

- Enter comments via **CHAT window** at any time



To signal a question or respond to a question

- Click on '**Raise your hand**' button on meeting toolbar

(Lower hand after you've talked by clicking hand button again)

Presenters, please be mindful of timing

NOTE TAKER

The PGB Executive Session is being recorded on MS TEAMS. A link to the recording will be provided and meeting minutes will be posted on the NIEMOpen Git Repo once approved:

<https://github.com/niemopen/oasis-open-project/tree/main/pgb-meeting-minutes>

Meeting support, note takers:

Aubrey Beach

aubrey.l.beach.ctr@mail.mil



Shunda Louis

shunda.r.louis.ctr@mail.mil



Stephen Sullivan

stephen.m.sullivan14.ctr@mail.mil



ROLL CALL

- **PGB Voting Members:**

- Department of Defense Joint Staff J6 (DoD JS J6)
- Department of Homeland Security Science & Technology (DHS S&T)
- Equivant
- Georgia Tech Research Institute (GTRI)
- Integrated Justice Information Systems Institute (IJIS)
- Commonwealth of Virginia, Office of Data Governance and Analytics
- Criminal justice Information Systems Division (CJISD), Federal Bureau of Investigation
- National Institute of Justice (NIJ) pending e-CLA
- Bureau of Justice Statistics (BJS)
- National Association for Justice Information Systems (NAJIS)

- **PGB Expert Voting Members**

- NBAC TSC
- NTAC TSC
- NMO TSC

- **PGB Expert NON-Voting Members**

ANNOUNCEMENTS

- NTAC
 - Elected Dr. Scott Renner as NTAC Co-Chair/PGB Expert Voting Member
 - Elected Brad Bollinger as NTAC Co-Chair/PGB Expert Non-Voting Member
- NMO
 - Darcy Staley Elected as NMO Co-Chair/PGB Expert Non-Voting Member
- Jim Cabral appointed as OASIS Interim Executive Director

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



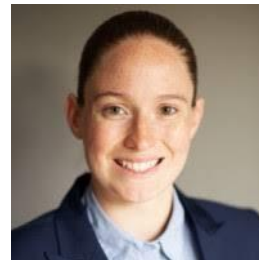
Ms. Maria Cardiellos
Executive Director
Integrated Justice
Information Systems
Institute



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

PGB EXPERT VOTING MEMBERS & NON-VOTING MEMBERS

PGB EXPERT VOTING MEMBERS Technical Steering Committees



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



Ms. Beth Smalley
Co-Chair, NIEM
Management Office
TSC



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

PGB EXPERT NON-VOTING MEMBERS Technical Steering Committees



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



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

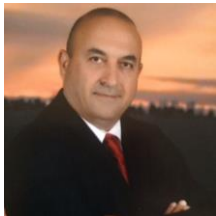
NMO, NBAC, & NTAC TSC CO-CHAIRS & OASIS MAINTAINERS

TSC	Approved (TSC CHAIRS)
NMO TSC	Ms. Darcy Staley & Ms. Beth Smalley
NBAC TSC	Mr. Kamran Atri & Mr. Thomas Krul
NTAC TSC	Dr. Scott Renner & 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 Folder)
NBAC TSC	Ms. Christina Medlin & Mr. Aubrey Beach	Mr. Tom Carlson, Ms. Shunda Louis, Mr. Steve Sullivan
NTAC TSC	Mr. Tom Carlson & Christina Medlin	Mr. Aubrey Beach, Ms. Shunda Louis, Dr. Scott Renner
NMO TSC	Mr. Aubrey Beach	Ms. Shunda Louis, Mr. Steve Sullivan, Mr. Tom Carlson (Training)



Ms. Christina Medlin



Mr. Aubrey Beach



Mr. Tom Carlson

PROPOSED 14 NOVEMBER 2024 PGB AGENDA

Call to Order

- Admin
 - TEAMS Link
 - Meeting Etiquette
 - Note Takers
 - Roll Call & Introductions
 - Announcements
 - PGB Voting Members (Sponsors) & PGB Expert Voting Members (TSCs) & PGB Non-Voting Members (TSC Co-Chairs)
 - TSC Co-Chairs & NIEMOpen Maintainers
- Approval of Agenda
- Around-the-Horn – PGB Voting Members
- Approval of Meeting Minutes from 1 August 2024
- OASIS Staff / NIEMOpen Administrator Comments
- Q3 Financial Snapshot – Cathie Mayo (OASIS)
- Sponsor Update – Holley Peterson
- CY 2024 Task Status
- Reveal Update – Jane Harnad
- **5 Minute Break**

Motions

1. Nomination & vote on PGB Co-Chair

Updates

- NTAC Update
- NBAC Update – Kamran Atri
- Analytical Laboratory Info Brief
- **NMO Update – Darcy Staley**
 - Communications & Outreach
- **Training Update – Tom Carlson**
- NIEMOpen v6.0 Model PS02 & API 2.0 Update – Christina Medlin

PGB Meeting Schedule

Other Business/Discussion

Action Items

Resources

Questions/Adjourn

APPROVAL OF AGENDA

- **Chair:** A Draft Agenda for the NIEMOpen 14 November 2024 Project Governing Board (PGB) Meeting was provided to PGB Voting Members as a readahead.
- **Chair:** Are there any recommended changes to the agenda as distributed?
- **Chair:** If there are no (further) changes, the agenda stands approved as distributed (corrected).

✓ ?

☐

Approve

☐

Approve as Corrected

PGB MEMBERS: AROUND-THE-HORN



APPROVAL OF 1 AUGUST 2024 PGB MINUTES

- **Chair:** A Draft of the NIEMOpen 26 October 2023 PGB meeting minutes was provided to the PGB Voting Members as a readahead: Please let me know now if you found any errors. <https://github.com/niemopen/oasis-open-project/tree/main/pgb-meeting-minutes/2024/1-August-2024>
- **Chair:** Are there any corrections to the minutes as distributed?
- **Chair:** If there are no (further) corrections, the minutes stand approved as distributed (corrected).

✓ ?

☐

Approve

☐

Approve as Corrected

OASIS STAFF

- **Mr. Jim Cabral** – OASIS Interim Executive Director



- **Ms. Cathie Mayo** – OASIS Chief Financial Officer



- **Ms. Kelly Cullinane** – OASIS Senior Director of Standards Development



- **Ms. Jane Harnad** – OASIS Manager of Events



- **Ms. Holly Peterson** – OASIS Business Development Manager



CY 2024 Q3 FINANCIALS

Ms. Cathie Mayo – OASIS Chief
Financial Officer



CY 2024 Q3 FINANCIALS

NIEMOpen Quarterly Reporting

Period: Q3-2024

Date: Oct 18, 2024

NIEM Funding		FY2024 Total Funds	OASIS OP Sponsor Dues	NIEMOpen General Funds
1	Fy2023 Balance Forward			\$ 122,302.00
	Fy2024 Revenues			
2	Q1-2024	\$ 98,550.00	\$ 78,550.00	\$ 20,000.00
3	Q2-2024	\$ 76,300.00	\$ 46,450.00	\$ 29,850.00
4	Q3-2024	\$ 71,300.00	\$ -	\$ 71,300.00
5	Q4-2024	\$ -		\$ -
6	Fy2024 Revenues	\$ 246,150.00	\$ 125,000.00	\$ 121,150.00
7	TOTAL FUNDING : NIEMOpen			\$ 243,452.00

EXPENDITURES

8	Expenditures			
9	Q1-2024			
10	AWS Actuals			\$ 995.46
11	Atlassian Actuals			\$ 1,455.66
12	The National Press Room 2025 Summit Deposit			\$ 3,700.00
13	Q1-2024 Totals			\$ 6,151.12
14	Q2- 2024			
15	AWS Actuals			\$ 1,126.35
16	Atlassian Actuals			\$ 1,546.20
17	GTRI Contract Fy2023			\$ 72,647.09
18	Q2-2024 Totals			\$ 75,319.64
19	Q3- 2024			
20	AWS Actuals			\$ 1,019.58
21	Atlassian Actuals			\$ 1,636.74
22	Q3-2024 Totals			\$ 2,656.32
23	Q3-2024 YTD			\$ 84,127.08

RESERVES + EXPENDITURE/BALANCE

24	Reserves:			
25	GTRI Contract Fy2023	pending		\$ 27,352.91
26	2025 Summit	~\$40,000		\$ 36,300.00
27	AWS balance	~ 7,417.80		\$ 1,854.45
28	Atlassian balance	~ \$6,000		\$ 1,500.00
29	Learn Press	~ \$2,000		\$ 2,000.00
30	EIN Presswire	~ \$2,000		\$ 2,000.00
31	Fy2024 Reserves			\$ 71,007.36
32	Fy2024 Expenditures & Reserves			\$ 155,134.44
33	Balance of Available Funds			\$ 88,317.56

NIEMOpen Current SPONSORS

11 Sponsors, 3 Premier

- Sponsors

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



Premier



Homeland
Security
Science and Technology

Premier



Premier



equivant



- In Discussions

- Microsoft
- DHS OBIM
- DND, Canada
- DOJ



Canada
Department of National Defense



- Expressed Interest

- MITRE
- Ernst & Young
- DISA



• Ms. Holly Peterson –
OASIS Business Development
Manager

CY 2024 NIEM OPEN PLANNING

Complete

- ✓ NIEM Version 6.0 Project Specification (PS01)
- ✓ Implement EIN Presswire
- ✓ J6 Complete/contribute MEP tool and host on AWS
- ✓ Implement LearnPress LMS
- ✓ Complete/IOC MEP Builder Tool
- ✓ Complete NIEM API 2.0
- ✓ Complete/IOC MEP Builder Tool

Planned/ In Progress 2024

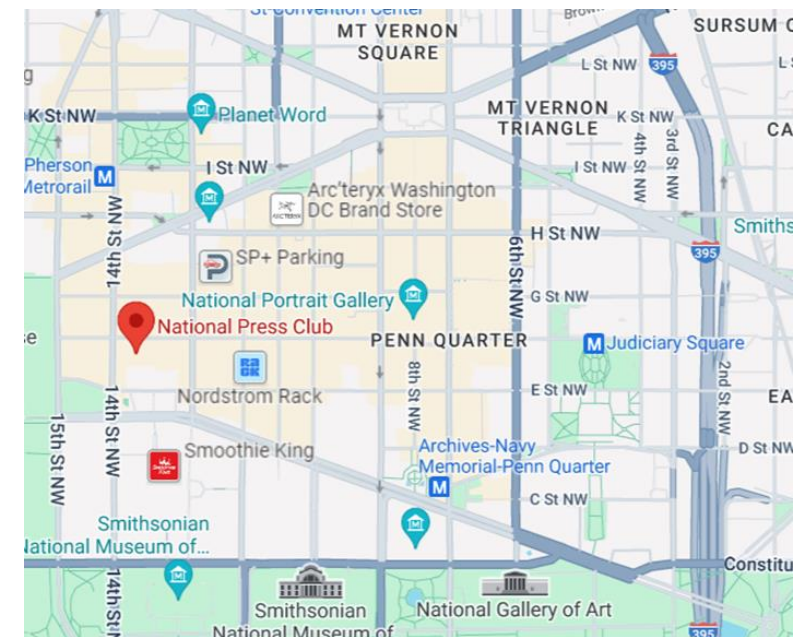
- Submit NIEM 6.0 NDR as PSD/ PS
- Submit NIEM Model Version 6.0 PS02
- Submit NIEM Model Version 6.0 PS02 as an OS
 - Solicit 3 statements of use
- Transfer Training Equities to NMO TSC Training Repo
- Update Training Materials to reflect Model Version 6.0 Updates
- Update/integrate LearnPress LMS w/Model Version 6.0
- Complete transfer of github.io files to NIEMOpen
- Execute 2025 NIEMOpen Reveal

Recurring/On-Going

- Identify Potential Sponsors/Conduct Outreach
- Populate OASIS Jira & Confluence Site
- Conduct Synch w/ OASIS Staff as needed
- Obtain Contributor License Agreements
- Bi-Weekly synch with 2025 Symposium Planning Team

ABOUT THE NIEM REVEAL TRAINING & SUMMIT

- A pivotal gathering driving advancements in information sharing and interoperability through immersive workshops, hands-on sessions, and insightful presentations.
- Attendees gain a profound understanding of the latest NIEM architecture and are empowered to implement seamless, secure, and efficient information exchanges across organizational boundaries.
 - Tuesday, February 18 – Thursday, February 20
 - Washington D.C area (accessible to public transportation)
 - [The National Press Club](#) – 14th Street, NW
 - <https://niemopen.org/reveal>



CONSIDER SPONSORING

YOUR SPONSORSHIP PARTICIPATION IS ESSENTIAL FOR THE SUCCESS OF THIS VITAL GATHERING.

- A range of sponsorship packages tailored to meet the unique needs of every participant are offered.
- Limited and exclusive sponsorship slots are available, providing unparalleled exposure and engagement with a targeted audience of around 300 professionals from government, law enforcement, emergency response, healthcare, and technology sectors.
- Gain recognition as a leader in promoting the work of NIEMOpen.
- Showcase your company on a global stage at our prestigious venue, The National Press Club, garnering widespread recognition and enhancing brand visibility.
- Additional Benefits: Some packages include table display areas, speaking opportunities, and much more.



WAYS TO LEARN MORE ABOUT THE EVENT AND SPONSORSHIP OPPORTUNITIES

Visit the event website:

<https://niemopen.org/reveal>

Download the sponsorship prospectus:

<https://niemopen.org/wp-content/uploads/2024/04/Summit-Sponsor-Info.pdf>

Contact us directly:

events@oasis-open.org

BREAK



PGB TOPICS FOR CONSIDERATION & VOTE

Motions

1. Nomination of PGB Co-Chair

Updates

- NTAC Update – Scott Renner
- NBAC Update – Kamran Atri
- Analytical Laboratory Info Brief – Kamran Atri
- NMO Update – Darcy Staley
- Training Update – Tom Carlson
- NIEMOpen v6.0 Model PSO2, 6.0 Release, & API 2.0 Update – Christina Medlin

NOMINATION OF PGB CO-CHAIR

Rationale for establishing the PGB CO-Chair role

- Continued growth of NIEMOpen and increased responsibilities and demands on the Chair
- Provides continuity of operations should Chair not be able to attend PGB meetings or attend to other duties in a timely fashion
- Provides opportunity for burden sharing for management functions
- Reduces organizational risk
- A step on the pathway toward transition

MOTION TO ELECT PGB CO-CHAIR

- **Chair:** A proposal to nominate and elect a PGB Co-Chair was previewed in the readahead to the PGB and via the PGB Mailing List.
- The following nominations were made via the PGB Mailing List as of 11/6/2024:
 - Maria Cardiellos
- are there other nominations?
- **Maker: (NMO-Beth Smalley)** I motion that ----- be appointed as PGB Co-Chair.

- ***SECOND?***
- **Chair:** (Debate) Do any of the members have comments on the proposal?
- **Chair:** Conducts a Roll Call Vote
- **Chair:** Announces Vote

✓ ?

Resolution



Approve



Approve w/Comment



Table/Reject

TRANSITION DISCUSSION

- Placeholder TBD

NTAC TSC UPDATE

NDR 6.0 REVISION

- Update – Dr. Scott Renner
- A major rewrite of NDR 5.0
 - A new abstract UML metamodel defining the information content of a NIEM model
 - Two concrete model formats: XSD and CMF
 - Two supported message formats: XML and JSON
 - Simplified conformance rules for message schemas
 - Changes to augmentation and metadata
 - More explanation, (slightly) less technical detail
- Working draft (PSD01) available:
<https://github.com/niemopen/niem-naming-design-rules/blob/dev/ndr-v6.0-psd01.md>

NBAC TSC UPDATE

- Obtain 3 Statements-of-Use for NIEM Model 6.0
- Advance NIEM Model Version 6.0 PS02 to OS
- Support NIEMOpen 2025 Reveal Summit
- Onboard:
 - Analytical Laboratory Domain/Sub-Committee
 - Identity Management Domain/Sub-Committee

ANALYTICAL LABORATORY INFO BRIEF

- Placeholder

NMO TSC UPDATE

- Fresh start for Milops – Darcy Staley
- Summit Preps – Darcy Staley
- Communications & Outreach Sub-Committee – Paul Wormeli

COMMUNICATIONS & OUTREACH SUB-COMMITTEE

- Assisting NIEMOpen Management Office on planning for NIEMOpen Reveal
- Exploring long term options for NIEMOpen management functions
- Developing stewardship resources for inactive domains
- Planning with DAMA to expand use cases for NIEMOpen
- Presentations on NIEMOpen to industry, Practitioners
- Exploring new domains
- Soliciting deeper industry participation
- Response to inquiries from presentations

TRAINING UPDATE

- Placeholder

NIEM MODEL 6.0 UPDATE

- NIEM Model 6.0 PS01 published Dec 2023
 - 16 domains
 - 19,000 properties
 - 10,000 types
 - 110,000 code values
- NIEM Model 6.0 PS02 pending
 - Minor adjustments to the structures namespace to support NDR updates
 - Update internal draft version numbers
 - Bundle submission to PGB with NDR 6.0 PSD01 in December

NIEM API 2.0 AND NIEM TOOLBOX – 1

Transition legacy NIEM tools into updated open source products. Move key functionality out of tools into the API for reusability.

Feature	NIEM API	NIEM Toolbox
(Background)	<ul style="list-style-type: none">• Java / Spring Boot and PostgreSQL database• Hosted via GTRI	<ul style="list-style-type: none">• Nuxt (JS) SPA• Hosted via GitHub Pages (<i>free</i>)
Transforms	<ul style="list-style-type: none">• Transform models into other formats• Inputs – CMF or NIEM XSD• Outputs – CMF, XSD, JSON Schema, or OWL• Leverages the CMF tool	<ul style="list-style-type: none">• Form to upload file and set options• API request• Download results
Validation	<ul style="list-style-type: none">• XSD – Validate and check NDR conformance• XML – Validate against provided schema• CMF – Validate against schema (NTAC)• IEPD catalog – Validate against schema (NTAC)• XML catalog – Validate against schema (OASIS)	<ul style="list-style-type: none">• Form to upload file and set options• API request• Download and view results
Migration	<ul style="list-style-type: none">• Migrate from one supported model version to a more recent version• Can iterate over multiple versions in one call• Accepts input and generates results as CMF	<ul style="list-style-type: none">• Form to upload file and set options• API request• Download and view results

NIEM API 2.0 AND NIEM TOOLBOX – 2

Transition legacy NIEM tools into updated open source products. Move key functionality out of tools into the API for reusability.

Feature	NIEM API	NIEM Toolbox
Model data	<ul style="list-style-type: none">• Return information about models, versions, namespaces, properties, classes, datatypes, and facets• Supports NIEM and published community models• NIEM data 1.0 – 5.2 currently available	<ul style="list-style-type: none">• Browse model data• View information about components• View information about curated list of common components
Search	<ul style="list-style-type: none">• Search properties, types, and codes• Supports fuzzy searching, including tokens and substrings• Filter results by namespace• Component-specific search fields	<ul style="list-style-type: none">• Search models• View results• View information about components
Model management	<ul style="list-style-type: none">• Add, edit, and delete model content• Model and component QA• Load change request spreadsheets• Generate release artifacts• Generate model stats	

PGB MEETING SCHEDULE

NEXT PGB Meeting

- Thursday, 30 January024
- Virtual Meeting 2 – 4 PM EDT
 - Virtual: MS TEAMS

CY 2025 Meeting Dates			
Q1	JAN 30	2 – 4 PM	EST
Q2	APR 24	2 – 4 PM	EDT
Q3	JUL 31	2 – 4 PM	EDT
Q4	OCT 28	2 – 4 PM	EDT

OTHER BUSINESS/DISCUSSION

- **PGB Action Items**

- Sign up for Summit: <https://sites.google.com/oasis-open.org/niemopen-training-2025/register>
- Submit Nominations for NIEMOpen Excellence Awards
 - Instructions posted on NIEMOpen Website
 - Questions Email: shunda.r.louis.ctr@mail.mil beth.l.smalley.civ@mail.mil
- Provide input on “how your organization is using NIEM”
 - Email: shunda.r.louis.ctr@mail.mil aubrey.l.beach.ctr@mail.mil
- Post your IEPDs/MEPs to repo
 - <https://www.niem.gov/about-niem/message-exchange-package-mep-registry-repository>

RESOURCES

Katherine Escobar, 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 6.0](#)

[NIEMOpen Reveal Summit](#)
[18-20 Feb 2025](#)





ADJOURN

- Chair: Do any of the PGB members or our attending guests have any questions?
- Chair: Meeting Adjourned



BACKUPS

EVENT GOALS

- Offer cost-effective training on the latest version of NIEM (6.0) for IT professionals spanning Federal, State, Local, Tribal, International, and Commercial sectors.
- Facilitate interactions among open- source community members, allowing them to meet, share insights, and learn from leaders of NIEMOpen, OASIS, and sponsoring partners regarding implementations.
- Re-establish an annual opportunity for the community and partners to connect and engage with senior NIEMOpen leadership.



TARGET AUDIENCE

Participants from government agencies, law enforcement, emergency response, healthcare, and technology sectors will engage in data standards, management, exchange, and interoperability.

This includes NIEMOpen Sponsors, subcommittee leads, members, and users. Organizations such as the Department of Defense, FBI, CJIS, DHS, DOJ, BJS, NIJ, DOT, Commonwealth of Virginia, Georgia Tech, DAMA, IJIS, the Government of Canada, and the International Technology Promotion Agency, Japan will attend.

PROGRAM OVERVIEW



Agenda spans three days and encompasses three tracks



Tracks are designed for diverse roles, supporting member organizations' missions. They may include training sessions, standalone talks, interactive panels, and moderated Q&A breakout sessions

- Training course primer
- Executive development
- Architecture & tools



Keynotes from various levels of government and industry.



Speakers to feature former trailblazers from founding organizations like DHS, DOJ, and Health & Human Services to newcomers within the community.