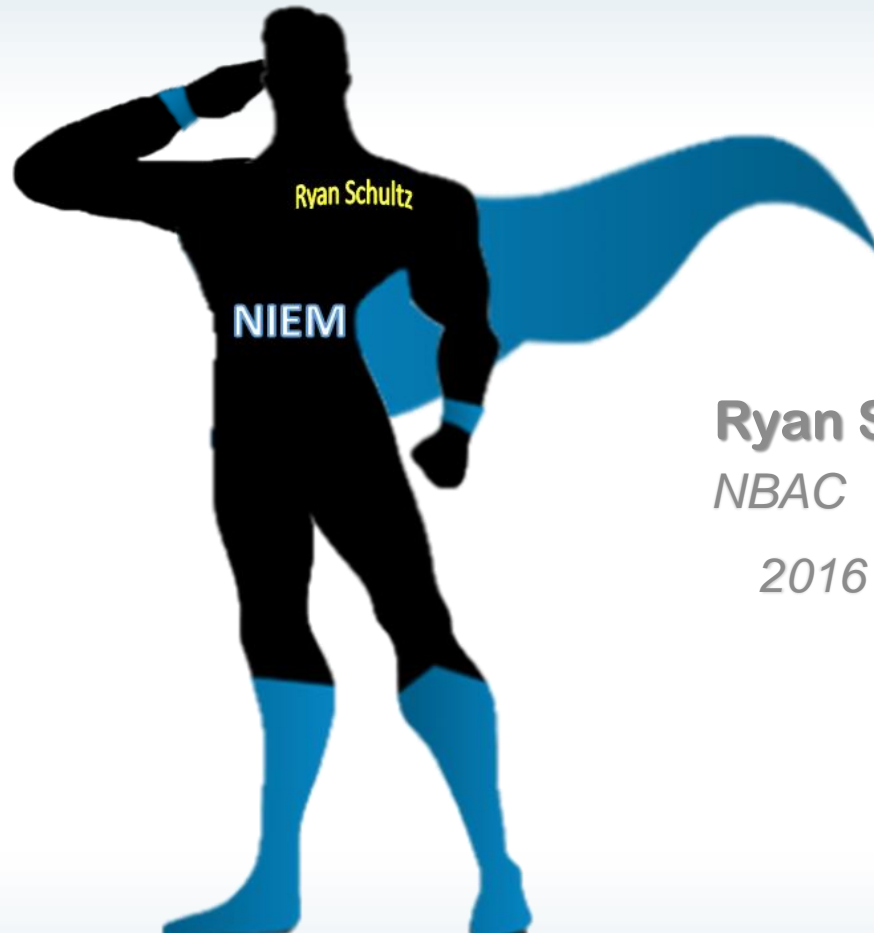


NIEM

NBAC F2F
Way Forward



Oct 23, 2019



Ryan Schultz
NBAC Co-Chair
2016 - 2019

**Thank You Mr. Schultz For Your Services
In Strengthening Our NBAC Community**

What We Learned



John Boyd (SES DHS)

How Best to Proceed,
Examine & Materialize
Future Capabilities

NIEM PMO

Collaborative Demo
(DHS/DoD) on
IEPD Registry &
Next Steps

International TT

Translation
Pilot and 5.0
Release
Considerations

NIEM Domain Briefs

Immigration, EM,
MilOPS, USAID, Cyber,
Justice, Biometrics &
New Interactions (DoA,
DoT, CBRN...)

NIEM Immigration Domain

Best Practices in Developing
Data Driven Organization

Emerging Technology TT

RoadMap and Focus
Area for FY19
(AI / ML)

DNA Pilot
(Mr. Freed)

Power of
Modeling at the
Enterprise Level



Army PM Bio (Mr. Graves)

Army BISCO LAB,
Enabling NIEM Conformant
Devices to Support
Warfighters in Theater

WE
VOTED

Enhanced NIEM VISION

DRAFT



2018- Original:

Advance the NIEM community-based standards approach to improve information exchanges among federal, state, local, tribal and international partners.

- To elevate data as a strategic asset by advancing the NIEM community-based standards framework to improve data interoperability and support existing and emerging technologies among federal, state, local, tribal, industry and international partners. ✓ 4
- To elevate data as a strategic asset by advancing the NIEM community-based standards framework to improve global data interoperability and support existing and emerging technologies. ✓ 12
- To elevate data as a strategic asset by advancing the NIEM community-based standards framework to improve data interoperability and support existing and emerging technologies among national and international partners. ✓ 3

Latest Data Asset Inventory Release 4.2



NIEM 4.2	Properties	Types	Codes
Core	1,586	271	185
Domains	9,919	2,552	9,436
Agriculture	64	8	
Biometrics	1,012	591	1,327
CBRN	608	147	
Emergency Management	822	333	1,234
Human Services	812	276	1,048
Immigration	457	95	1,388
Infrastructure Protection	31	8	3
Intelligence	66	17	
International Trade	534	91	
Justice	4,206	502	217
Maritime	339	47	180
Military Operations	306	132	130
Screening	599	255	3,731
Surface Transportation	63	50	178
Code Sets	5	1,098	73,009
Total	11,510	3,921	82,630



	Types	Codes
Code Sets	1,098	73,009
aamva_d20	84	732
ag_codes	62	79
apco	8	206
atf	8	98
can	2	13
cbrncl	131	2,435
census	2	3,235
commodity	8	131
dea	6	482
dod_jcs-pub2.0	2	11
dol	2	840
edxl_rm	4	24
fips_5-2	2	69
genc	4	5,623
have-codes	24	43
hazmat	2	2,441
hl7	2	83
iso_3166	8	5,698
iso_4217	2	182
iso_639-3	2	8,393
itcodes	44	2,219
jc3iedm	4	364
jp3-52	5	117
mmucc	146	700
ncic	184	31,982
ndex	250	4,560
nga	4	50
nlets	6	20
occs	6	1,006
sar	8	76
ucr	56	528
unece	12	151
usda_fsa	4	347
usps	2	62
xCard	2	9

NBAC FY19 Work Plan



- Standing up IEPD Registry Tiger Team (Chair, Lanzo)
 - Requirements, LOE (Cost, Time, Resources)
- Consider Standing up State and Local Tiger Team
- Support the Development and Release of NIEM 5.0
 - Standing up Harmonization WG to Support NIEM 5.0 Release
- Finalize and Release NBAC 2018 Annual Report prior to end of 2019
- Initiate Enterprise Level Outreach to Enlist and Inventory Existing IEPDs
- Support NIEMO To Enhance and Conduct Upcoming NIEM Symposiums for Training
- Continue Supporting NIEMO on NIEM Domain Growth Targets
 - Assist onboarding the Approved Cyber Domain
 - Engage New Domain Possibilities → Statistics Domain (Census Bureau), Humanitarian Aid Domain (USAID), Housing Domain (HUD)
 - Reinvigorate Dormant Domains → Screening, Agriculture, Surface Transportation



Questions / Comments

Thomas Krul, Director, Public Safety Canada

thomas.krul@canada.ca

NBAC Co-Chair

Kamran Atri, Managing Director

katri@A4SAFE.COM

NBAC Co-Chair