Where Our National Security Begins...
Agenda

- Welcome & Introductions
- “Snapshots”
- Government Perspective
- “S2P Corner” & “C2S Corner”
- Action Team discussions
- Open Dialog
- No-Host Social
Snapshots

- USAF Chief: “It’s not about rapid innovation, it’s about rapid integration”
- USGIF Tradecraft & ProDev Committee collaboration
- NRO Cloud Day
- GEOINT 2018:
  - Joint NGA-NRO IAWG Panel & Industry Dialog
  - Overarching symposium takeaways
- NRO AS&T Tech Forum
Approximately 90 attendees, including multiple NGA Seniors

Topics: Challenges, Pathways for Interaction, “Topics of Common Concern”
  – Requirements processes lagging technology cycles
  – GOTS development vs COTS integration (Software, Products, XaaS)
  – Accelerating time to mission: Agile & DevOPs
  – Contracting and Acquisition Practices

Takeaways:
  – Significant confusion remains over Agile practices and DevOps…they are different
  – Reverse Industry Day concept is well received (NGA IAWG working this)
  – Leadership frustration: issues are long-standing & unresolved…IAWG making a difference by getting to root cause...these are not “stroke of the pen”, single variable issues.
  – Government is “taking back ownership of delivery”
  – Acquisition Pro Development Fund as avenue to improve awareness of business models?
GEOINT Symposium Takeaways
Leadership Observations

- **PDDNI Sue Gordon:** “6 things to be done”
  - Augment intelligence with machine automation
  - Develop right trusted agile workforce, especially across the best agencies
  - Make most of data (ICITE). Data management is key to element success
  - Partnership! FFRDC (in the 1950s), skunk works (in the 1970's), In-q-tel (in the 90's), now new ways of partnership to engage in new ways across the community (DNI and DoD - jointly)
  - New acquisition reform (includes security clearance).
  - “We need to achieve true acquisition agility”

- **D/NGA Robert Cardillo:** GEOINT 2025 will include:
  - Inspire and grow workforce
  - Fuel and grow global enterprise
  - Art and science MUST come together to beat our competitors
  - Know - show - understand through science and art…and art and science
GEOINT Symposium Takeaways
DD/NGA Justin Poole Comments

- **Contracts:**
  - From large contacts... now to the ...mission outcome with modular contracts
  - Smaller modular - contracts allow govt more control
  - Shorter duration – Periods of Performance

- **Requirements:**
  - Link acquisition to mission is mandatory!!!
  - Engineering will be early in the process - better requirements
  - Capabilities - how to write better, RFP, needs, requirements

- **Business Models:**
  - Nontraditional partners - need to make impact
  - More effective use of small business - take better advantage of small business
  - More transparencies - trying to improve industry days. Working with NRO and NGA IAWGs on “reverse Industry days”. Include NGA former Seniors from industry for a "if I knew then, what I know now" section
Frank Calvelli opened with six objectives:
- Hybrid contracts will continue
- Smaller “efforts”
- Augment the larger “efforts”
- More rapid time to delivery
- Next gen and new functionality
- Self-Correcting and intelligence is required on the systems

Dr. Susan Durham briefed their strategic vision:
- New for tomorrow
- Innovation solutions
- R&D, networking and speed are essential
- Want to be outside the comfort zone

Sentient is going live/ops and into GED this year

Spire and Rocket Labs briefed
- “Smalls” internationally and willing to go anywhere they have to in order to sell/launch
- There is less regulations and standards outside of the US
- Sell to the cheapest country
Government Perspective
“C2S Corner”

Latest & Greatest...

Topics & Issues Discussion

AWS DC Summit
 – June 19-21 at Washington Convention Center
“S2P Corner”

Latest & Greatest...

Topics & Issues Discussion

CWAN accessible @ HTTPS://S2P.proj.nro.ic.gov

Unclassified S2P JPortal @ https://www.s2p.cloud
Release 3.2 Focus

- RELTO Environment Deployment
  - Atlassian BitBucket, JIRA, Confluence
- OCP Enhancements
  - Additional worker nodes
  - Deployment of project test worker nodes with promotion process
- ServiceNow Discovery
  - Ability to discover and record network/cloud infrastructure (CI’s)
- Sonatype Nexus
  - Upgrade to Repo Manager 3 & integration with Jenkins
- MicroFocus OMi
  - Upgrade to 10.63, change to HA infrastructure
- SW Supply Chain
  - User requested enhancements
  - Integration with XACTA!
- Data Compliance
  - Work to refine CONOP & enable connectivity to required systems
S2P Growth Rate

Average 45.1% growth per quarter

Does not include 13,000+ JEMA users

Contract Period of Performance

# of Registered Users in Crowd

0 1000 2000 3000 4000 5000 6000 7000 8000

Oct-16  Nov-16  Dec-16  Jan-17  Feb-17  Mar-17  Apr-17  May-17  Jun-17  Jul-17  Aug-17  Sep-17  Oct-17  Nov-17  Dec-17  Jan-18  Feb-18  Mar-18  Apr-18

800 1230 1601 2360 3397 4823 6926

54% 30% 47% 44% 52% 44%
NRO IAWG
Action Teams & Topics

Objectives & “To Do” List
Attracting Talent
Incentivizing FGA Philosophy
Agile & DevOps Contracting Team
NRO IAWG Objectives & “To Do” List

1. Facilitate business models/arrangements to accelerate FGA2025

2. Address Business Model Obstacles to Cloud Adoption

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<th>IAWG Action Teams</th>
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<td>Agile &amp; DevOps Contracting</td>
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<td>Incentivizing govt/industry to embrace FGA philosophy</td>
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<td>Business &amp; Operating Models to attract talent</td>
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<td>Cloud business/revenue model (incenting speed)</td>
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<td>DevOps TTO in NSIS waterfall</td>
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NRO IAWG
Action Teams & Topics

Business & Operating Models to Attract Talent

JOIN A TEAM NOW!
(U) Objectives:

- Ensure security accountability and policy compliance
- Enhance NRO access to innovation
- Attract talent to the NRO supplier base
- Reduce barriers for commercial/small business to compete in NRO Market
- Reduce Transition time from Industry Dev to Government production
- Enable “Industry Build before Government Buy” opportunities

(U) Approach: Utilize S2P as an industry partner development and IR&D platform

- S2P Access
  - (U) in place: access via CWAN PKI certificates
- CWAN & C2S Access
  - (U) in place: Industry Partner Access
- Access to SCIF Facility
  - (U) Government Sponsor via relevant contract
- Clearance Sponsorship
  - (U) Access/Justification via relevant contract(s)

(U) Four Existing Processes unified...achieves a Government-Industry Win-Win
NRO IAWG
Action Teams & Topics

Incentivizing Industry & Govt to Adopt Framework & Services

JOIN A TEAM NOW!
NRO IAWG
Action Teams & Topics

“DevOps Contracting” Action Team
Progress Update: Themba Hinke
Open Dialog

Additional Topics for Consideration

Actions & Next Steps

No-Host Social

2018 Team Lead Volunteers

- DevOps Contracts team: Themba Hinke
- Barriers to speed & incentivizing industry: Gavin Greene
- Software RFP/NAM language: OPEN
- DevOps vs Waterfall TTO: OPEN
IAWG Contact Info & Additional Information

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