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NDIA SE Conference
Program Manager Panel Questions

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Panel Theme:
DoD Executive Panel: Service and Agency Program Managers discussion:
> *"Teaming with systems engineering to shape and control risk, manage issues, and seize upon opportunities to deliver superior warfighting capabilities."*

Moderator: Col. David McIllece, USAF

Panelists:
1. CAPT Seiko Okano, PEO Integrated Warfare Systems (IWS)
2. COL Mike Milner, Armored Multi-Purpose Vehicle (AMPV) PM
3. Col Edward Hospodar, GPS User Equipment SML
4. Col Amanda Myers, Deputy Director, Global Reach Programs; former C-17 SPM

General Systems Engineering

#	Question	Okano	Milner	Hospodar	Myers
1	What are you most proud of in your program's SE activities? What is your program doing that others might not be doing to make your systems engineering program successful?			X Security Engineering	
2	Please tell a SE Success/horror stories/lessons learned.				
3	What do you value from your systems engineers now, what you would like to get, what would you prefer less of (topics/communication, etc)?				
4	Please discuss your program's Risk Management approach, and its value. What is the role/participation of the prime contractor?				
5	What would you say is the most important issue or problem for systems engineers to understand about program management?				
6	Has your view/use of systems engineering changed over the years and across programs you have worked? Are there different approaches for different programs vs. one size fits all?				
7	What observations/lessons to you have regarding the systems engineering roles of the program office, prime contractors and other stake holders (e.g., technical authorities)? What are the strengths/weaknesses of how the roles are distributed and executed?			X Importance of early SE and trade studies during requirements definition	
8	Most of SE life cycle emphasis is on the program development during the early phases. Is there value and how can SE be extended to address the entire lifecycle?				

Organic Engineering / Risk Management

#	Question	Okano	Milner	Hospodar	Myers
1	Topic: Strengthening organic engineering and other technical capabilities in our own workforce: **Question: In your programs, where do you see the greatest need for strengthening engineering capabilities? (Quantity, quality, specialized skill sets, etc.)**			X Quality analysis and verification vs. SE process focus	
2	Topic: Understand and mitigate <u>technical</u> risk. **Questions:** - **How do you differentiate "programmatic" risks such as a funding risk, from "<u>technical</u> risks" such as not meeting requirements or software development risks?** - **Do you have more control over mitigation activities for technical risks than you do with programmatic risks?** - **Do you have constraints in identifying technical risks in your programs? If so, please discuss.**			X Stakeholder engagement presents opportunities to "revisit" requirements which is a programmatic risk but can yield insight into use cases and lowers risk to OT&E	
3	Topic: Advantages for programs with rigorous risk management practices. **Questions:** - **What can we do to encourage programs managers to enact sound risk management processes?** - **What common barriers stand in the way of enacting these processes?** - **What experiences can you share that will help programs to smartly accept/manage increased risk in order to achieve greater and/or faster successful outcomes?**			X Importance of prototyping and early integration into the architecture and next level of assembly for feedback or to determine missing requirements	
4	Topic: The Department recently issued an updated guide for Risk Management: The DoD Risk, Issue, and Opportunity (aka "RIO") Management Guide for Defense Acquisition Programs. **Questions:** - **How have you applied RIO concepts (such as Issue Management, Opportunity Management, Cross-Program Risk Management, etc.) in your overall risk mitigation approach?** - **Do you have any best-practices or other experiences that can inform/improve the RIO approach?**				

Panelist-Suggested Questions

#	Question	Okano	Milner	Hospodar	Myers
1	Please feel free to offer any questions you would like included… **Question: <<text here>>**				