Systems Engineering Divisional Meeting
March 1st, 2017

NDIA Cyber Resilient & Secure Weapon Systems Summit
April 18-20th

NDIA System Security Engineering Committee & Summit Chair:

Holly Dunlap

Holly.Dunlap@Raytheon.com

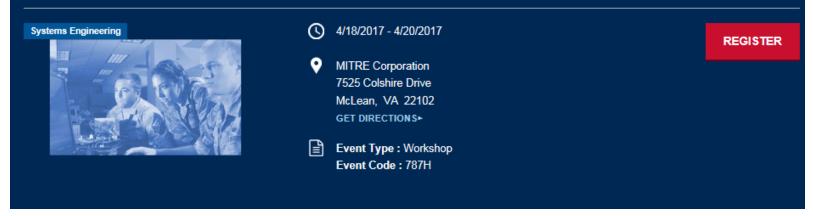3/7/2017

Agenda

NDIA

- **Summit Purpose**

- **Outreach & Registration**

- **Solicitation / Opportunities for Industry Participation**

- **Draft Agenda Day 1**

- **Draft Agenda Day 2**

- **Draft Agenda Day 3**

- **Summary of Industry Participation Needs**

- **Weekly Summit Coordination Teleconference Calls**

Summit Purpose:

NDIA Systems Engineering Cyber Resilient & Secure Weapon System Summit 2017

Systems Engineering

🕐 4/18/2017 - 4/20/2017

📍 MITRE Corporation
7525 Colshire Drive
McLean, VA 22102
GET DIRECTIONS▸

📄 Event Type : Workshop
Event Code : 787H

REGISTER

http://www.ndia.org/events/2017/4/18/ndia-systems-engineering-cyber-resilient-and-secure-weapon-system-summit-2017

Purpose:
Government and industry Systems Engineering Cyber Resilient & Secure Weapon Systems knowledge exchange to harness industry capabilities to meet warfighter needs.

Outreach & Registration

- **Announced at the following events:**
  - INCOSE IW 2017
    - DASD Acting Deputy for SE, Kristen Baldwin
    - INCOSE SSE Committee, Beth Wilson & Holly Dunlap

  - Air Force CEO / PEO Roundtable
    - Mr. Daniel Holtzman, HQE, Cyber Technical Director; Senior Leader for Cyber Security Engineering & Resiliency
    - Requested CEOs to bring their "A" team to the summit.
    - Follow up e-mail to CEOs in draft.

  - DASD SE Government Cyber Resilient Weapon System Workshops
    - DASD(SE) Deputy Director Program Protection, Melinda Reed

- **Registration: http://www.ndia.org/events/2017/4/18/ndia-systems-engineering-cyber-resilient-and-secure-weapon-system-summit-2017**
  - As of 2/22/2017: 71 Registered
  - Cost: $0

3/7/2017

Draft Agenda: Day 1

Keynote Speaker:

Ms. Kristen J. Baldwin Acting Deputy Assistant Secretary of Defense for Systems Engineering

Keynote Speaker(s):

Mr. Daniel Holtzman, HQE, Cyber Technical Director; Senior Leader for Cyber Security Engineering & Resiliency

Mr. Pete Kim, Air Force Chief Information Security Officer (CISO)

DASD (SE) Cyber Resilient Weapon Systems Workshops Summary of Discoveries

Facilitated by: DASD(SE) Deputy Director Melinda Reed

Industry Best Practices to Integrate Cyber Resiliency and Security into Standard Methods & Processes

Need 4-5 Company Representatives

15 minute presentations each plus panel discussion

* Also need a facilitator for the panel discussion.

Cybersecurity Testing

National Cyber Range Collaboration with Industry Outbrief

Co-presenters: Pete Christensen, DoD DT&E, Director National Cyber Range & Joe Manas, NDIA Test Division Chair, Raytheon

Cybersecurity Testing facilitated discussion or panel.

Multiple process, methods, how to produce the right evidentiary material consistently.

How are levels of rigor similar to design being used with test?

Coordinated by Joe Manas. Welcome Industry & Government participation to shape.

jamanas@raytheon.com

**Industry opportunities.
We need you!**

Draft Agenda: Day 2

AF Perspective, Plans, Initiatives, Message to Industry

Presenters: TBD

Navy Perspective, Plans, Initiatives, Message to Industry

Presenter: TBD

Army Perspective, Plans, Initiatives, Message to Industry

Presenter: TBD

Industry: Our Experience in working with government customers on Cyber Resilient & Secure Systems

Presenter: Industry - Company presentation, facilitate a panel, or facilitate a discussion with audience participation.

As government is working to align, what is industry doing? One voice / consistency within companies.

Presenter: Industry - Company presentation, facilitate a panel, or facilitate a discussion with audience participation.

Industry Acquisition Discussion

What are you seeing in RFP & SOW?

Contracts with cyber resiliency or security related evaluation criteria?

How are you addressing cyber resiliency and security costs?

How should the government incentivize?

Presenter: Industry - Company presentation, facilitate a panel, or facilitate a discussion with audience participation.

Industry: What are the gaps and what do we need from the government / customers?

What does the industry to government score card look like and why? Current state? Future state?

Presenter: Industry - Company presentation, facilitate a panel, or facilitate a discussion with audience participation.

Fostering Better Collaboration Between Industry & Government Customers

Facilitator: Danny Holtzman, AF Cyber Technical Director

**Industry opportunities.
We need you!**

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Draft Agenda: Day 3

Systems of Systems Strategic Discussion

How do we leverage Critical Mission Thread analyses to establish the objectives and success measure that improve System Survivability through secure and resilient system capability?

Presenters: TBD

Cyber Resiliency Architecture Process for Weapon Systems

Presenter: Suzanne Hassell, Raytheon

Sustainment

What sustainment considerations need to be integrated into our processes to ensure sustainment & affordability of fielded cyber resilient and secure weapon systems?

Presenter: Industry - Company presentation, facilitate a panel, or facilitate a discussion with audience participation.

New Starts / Legacy System

Lessons learned or exemplars?

Presenter: Industry - Company presentation, facilitate a panel, or facilitate a discussion with audience participation.

**Industry opportunities.
We need you!**

Cybersecurity Opportunity & Risk Management

How do we integrate into our existing processes?

Presenter: Industry or Government - Company presentation, facilitate a panel, or facilitate a discussion with audience participation.

Framing System Security as an Engineering Problem

Presenter: Michael McEvilley, Mitre

Cybersecurity for Advanced Manufacturing

Presenter: Kaye Ortiz, Defined Business Solutions

Safeguarding Covered Defense Information

Presenters: Mary Thomas/DPAP; Vicki Michetti/CIO (Tentative)

Cyber Considerations in the Safety Community, A Government Perspective

Presenter: TBD

3/7/2017

Summary of Summit Industry Opportunities

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Summary of Summit Industry Opportunities

Requesting a POC from each Major Defense System Integrator to coordinate their company's representation in the Summit presentations & panels.

We welcome participation from all companies but for the larger companies, additional coordination is necessary.

We will be having 1 hour weekly coordination teleconference calls on Tuesday's 1:00 EST until the summit, April 18th.

Summit Chair:
Holly Dunlap, Raytheon
NDIA SSE Committee
Holly.Dunlap@Raytheon.com
703-343-3002

Teleconference:
March 7 – April 11th
Every Tuesday, 1:00 EST
USA Toll-Free: (877)226-9783
USA Caller Paid: (636)651-3171
Access Code: 1308387

Summit Industry Points of Contact for Coordination within each Company

POC	Company	Email
Holly Dunlap	Raytheon	Holly.Dunlap@raytheon.com
Frank Phillips	BAE Systems	franklin.e.phillips@baesystems.com
Christi Gau Pagnanelli	Boeing	christi.a.gaupagnanelli@boeing.com
Randall Lum	Northrop Grumman	Randall.Lum@ngc.com
Mark Schaeffer	ManTech	Mark.Schaeffer@ManTech.com
Craig Miller	Harris	bmille04@harris.com
Pete Larkin	GD, Electric Boat	plarkin@gdeb.com
Garry Roedler	Lockheed Martin	garry.j.roedler@lmco.com
Dawn Beyer	Lockheed Martin	dawn.m.beyer@lmco.com
Angela Wallace	Booz Allen Hamilton	wallace_angela@bah.com
Frank Serna	Draper	fserna@draper.com
Joe Elm	L-3Com	Joseph.elm@l3t.com