Workshop on Global Supply Chain Security for Microelectronics Standardization
AGENDA (updated 7/26/22)
Wednesday-Friday, July 27-29, 2022
(start at 9:30 am Eastern on 7/27; end at 12:00 noon Eastern on 7/29)
Booz Allen Hamilton Headquarters, 8283 Greensboro Dr., McLean, VA 22102 703-902-5000
Directions, Campus Facility, Local Accommodations and Parking
Dress Code: Business Attire. Register to Participate Virtually. In-Person registration has closed. Walk-ins not permitted.

Booz Allen In person entry requirements: 1) Proof of full vaccination (2 weeks after your final dose of the coronavirus vaccine) or proof of a negative COVID-19 test result taken within 5 days prior to your visit; 2) a valid form of identification (Driver's License, State ID, or Passport).

Remote participants can access the general and breakout sessions through the Online Event Lobby. For connectivity issues, please contact Sarah Katz directly at skatz@ansi.org or text 203-417-1045.
Click here for **Speaker Bios** and click here for **Workshop Materials**

As the national coordinator for the U.S. private-sector system of voluntary standardization, the American National Standards Institute (ANSI) is convening this workshop on behalf of the U.S. Department of Defense (DoD) on global supply chain security for microelectronics standardization. The workshop will assist DoD in gathering and assessing information regarding relevant standardization activities to fulfill its mandate under Section 224 of the FY20 National Defense Authorization Act (NDAA) requiring that DoD microelectronics products and services meet trusted supply chain and operational security standards.

Time	Discussion Topic and Speaker
	Wednesday July 27, 2022 (Opening Session) - Room: Auditorium
8:30 – 9:30 am	**Registration and Continental Breakfast** (Room: Auditorium Foyer)
9:30 – 9:45 am	**Welcome: Introduction of ANSI Team, Background, Review of Objectives, Schedule** – Jim McCabe, Senior Director, Standards Facilitation, ANSI
9:45 – 10:00 am	**Opening Remarks by DoD: Sec 224 of Public Law 116-92** – Brett Hamilton, Deputy Principal Director, Microelectronics, OUSD(R&E)**,** Office of Deputy CTO for Critical Technologies, DoD
10:00 – 10:30 am	**Request for Information (RFI) of Standards Developing Organizations (SDOs): Summary of Responses Received and Analysis** – Christine Bernat, Associate Director, Standards Facilitation, ANSI
10:30 – 10:45 am	**Networking Break**
10:45 am – 12:30 pm	**Proposed DoD Section 224 Framework Approach & Discussion** – Christine Rink, Associate Deputy Director for Microelectronics Assurance Standards, OUSD (R&E) Modernization, and Stephanie Lin, Defense Microelectronics Cross Functional Team, DoD
12:30 – 2:00 pm	**Catered Lunch (in-person attendees pay at registration)** (Room: Auditorium Foyer)
2:00 – 3:15 pm	**Moderated Panel Discussion: SDO Capabilities to Address the Issues** Moderator – Gordon Gillerman, Director, Standards Coordination Office, National Institute of Standards and Technology (NIST)

	• David Bergman, Vice President, Standards & Technology, IPC • Mike Regan, Vice President of Business Performance, Telecommunications Industry Association (TIA) QuEST Forum • Maria Palombini, Global Practice Leader, Healthcare & Life Sciences, IEEE Standards Association • Paul Nixon, Senior Principal Engineer II, Quality Assurance, BAE Systems (JEDEC) • Alan Lucero, Senior Quality & Reliability Engineering Manager / Director of International Standards Development, Intel (U.S. Technical Advisor IEC SC 47D, Semiconductor Devices Packaging) • Daniel DiMase, President & CEO, Aerocyonics (SAE International)
3:15 – 3:30 pm	**Networking Break**
3:30 – 4:45 pm	**Moderated Panel Discussion: Federal Agency and Industry Perspectives** Moderator – Mary Saunders, Vice President for Government Relations and Public Policy, ANSI • Kanitra Tyler, Information & Communications Technology (ICT) Supply Chain Risk Management (SCRM) Service Element Lead, National Aeronautics and Space Administration (NASA) • Jon Boyens, Deputy Chief, Computer Security Division, National Institute of Standards and Technology (NIST) • John Zolper, PhD, Defense Technology Strategy, Raytheon Technologies • Jeremy Muldavin, Distinguished Member Technical Staff, Aerospace and Defense, GlobalFoundries • Ife Hsu, Senior Quality/Reliability Engineer, Intel
4:45 – 5:00 pm	**Preparation for Breakout groups** – Jim McCabe, ANSI
	Thursday, July 28, 2022 (Standards Assessment Sessions) – Room Assignments Below
8:30 – 9:30 am	**Continental Breakfast** (Room: Auditorium Foyer)

9:30 am – 12:30 pm	**Concurrent Breakout Groups** (Rooms: Auditorium, 2011, 2014 as per below)
	
	Participants have been pre-assigned to a breakout group based on the questions answered at registration and with a view toward balance of expertise & organizational representation across the groups. While our preference is that you remain in the assigned group, if you really wish to change groups, please email Sarah Katz skatz@ansi.org indicating which group you wish to participate in.
	
	Building on the prior day's discussions, each group will be asked to consider the proposed DoD section 224 framework approach and address the following questions (an online version is also available for participants who wish to supplement the workshop discussions with additional input)
	
	1. **What recommendations do you have regarding standards or sets of standards that provide:**
	   a. Commercially viable mitigations in support of FY20 NDAA Section 224 requirements?
	   b. Coverage across all phases of the microelectronics development lifecycle?
	   c. Coverage across vendor types (system integrators, original equipment manufacturers, component distributors, original component manufacturers)?
	2. **What suggestions do you have for DoD to improve its candidate standards approach in terms of:**
	   a. The Modular approach for integrated assured supply chain?
	   b. What methods would you suggest for determining and sharing compliance to standards across supply chain and to acquirer?
	   c. What section 224 related factors influence sub-tier vendor selection?
	   d. Requirements development and flow down?

e. DoD adoption strategy and timelines?
f. DoD organization of standards?
3. **What are the top 2-3 most important take-aways from the discussions in your breakout group?**

The breakout groups are organized across three supply chain practice areas: procurement management, information and intellectual property (IP) protection, and secure design as further described below.

Group 1: **Procurement Management** (**Auditorium**) – The process and contractual considerations required for evaluating and defining engagements with external entities for procurements, including the risks/mitigations identified from the other supply chain practice areas. Procurement processes are focused on mitigating risks associated with sourcing IP and parts (e.g., counterfeit, DMSMS), and should include considerations for vendor demographics as identified in FY20 NDAA Section 224 (e.g., company ownership, location, workforce composition)

Facilitator: Lori Gordon, Space Enterprise Integration Initiatives Leader, Office of the Corporate Chief Engineer, The Aerospace Corporation
Scribe: Jim McCabe, ANSI
Remote Participant Interface: Stephanie Carroll, Senior Meetings and Events Manager, ANSI

Group 2: **Information and IP Protection** (**Room: 2011**) – Risks attributed to the confidentiality of intellectual property and information not intended for public dissemination. May overlap with other supply chain practice areas. Processes are focused on mitigations associated with networks and personnel.

Facilitator: Roger R. Smith, Defense Microelectronics Cross Functional Team – Navy Lead, U.S. Department of Defense
Scribe: Christine Bernat, ANSI
Remote Participant Interface: Sarah Katz, Standards Facilitation Admin Support, ANSI

Group 3: **Secure Design** (**Room 2014**) – Design practices to improve assurance (e.g., verification and validation), manage risk when the part is outside vendor or user control, and address supply chain volatility (e.g., open architecture or modularity). May overlap with other supply chain practice areas.

Facilitator: Daniel Radack, PhD, Assistant Director, Information Technology and Systems Division, Institute for Defense Analyses (IDA)
Scribe: Michelle Deane, Senior Director, Standards Facilitation, ANSI
Remote Participant Interface: Susanah Doucet, Associate Director, Digital Content and Communications, ANSI

12:30 – 2:00 pm	**Catered Lunch (in-person attendees pay at registration)** (Room: Auditorium Foyer)
2:00 – 5:00 pm	**Continuation of Breakout Groups / Preparation of Reports Back**
	Friday, July 29, 2022 (Closing Session) – Room: Auditorium
8:30 – 9:30 am	**Continental Breakfast** (Room: Auditorium Foyer)
9:30 – 11:00 am	**Breakout Group Report Backs** (roughly 30 minutes per group)
11:00 – 11:45 am	**Open Discussion –** Breakout Facilitators / All
11:45 am – 12:00 pm	**Wrap-up and Next Steps –** ANSI / DoD
12:00 pm	**Adjourn**

For more information, contact Jim McCabe, senior director, standards facilitation (jmccabe@ansi.org; 212-642-8921) or Christine D. Bernat, associate director, standards facilitation (cbernat@ansi.org; 212-642-8919).