

NDIA Cybersecurity for Advanced Manufacturing Public Forum

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Introduction

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CFAM JWG Objective

Government and industry members of the CFAM JWG collaborate to build on recommendations in the 2014 NDIA white paper, *Cybersecurity for Advanced Manufacturing*

- **Identify cybersecurity vulnerabilities** in the manufacturing environment and mitigations . . . *types and boundaries, highest impact near-term actions, culture changes*
- **Identify ways to incentivize and assist manufacturers** to improve cybersecurity in manufacturing systems . . . *policies and contract requirements, security practices, workforce cybersecurity training*
- **Develop implementation plans** . . . *coordinated with government and industry groups*

CFAM JWG is a Diverse Team

51 participants: Government, Academia, Industry, Associations and FFRDCs

- **Government organizations:**

- DoD Undersecretary for Acquisition, Technology & Logistics
- Joint Chiefs of Staff
- DoD Chief Information Officer
- Department of the Army
- Space and Naval Warfare Systems Command
- Air Force Research Laboratory
- Department of Energy
- White House Office of Science and Technology Policy
- National Institute of Standards and Technology

- **Academia:**

- Arizona State University
- Georgia Tech Research Institute
- Wichita State University

- **Industry company representation:**

- ANSER
- Boeing
- Booz Allen Hamilton
- DRAPER
- GLOBALFOUNDRIES
- Lockheed Martin
- PricewaterhouseCoopers
- United Technologies Research Center
- Other small companies and consultancies

- **Industry member organizations:**

- Association for Manufacturing Technology
- Digital Manufacturing and Design Innovation Institute
- National Center for Manufacturing Sciences

- **FFDRCs:**

- Institute for Defense Analyses
- Sandia National Laboratories

Status & Next Steps

- **Each working group has broken their questions into research tasks** . . . *subject matter experts are being interviewed*
- **Website launched on NDIA portal** . . . *found under Industrial Working Groups*
- **Team reports due in mid-October** . . . *still time to contribute!*
- **Outreach plan developed to share progress** . . . *first public forum today, next one planned for early November to share findings*
- **Goal is to issue integrated report by December 2016** . . . *will then be coordinated within DoD and other government agencies as appropriate*

Terms of Reference and Integration Team

- This group will create the charter and scope of the CFAM JWG, and will support other teams as needed.
- **Team Lead: Catherine Ortiz, Defined Business Solutions**

<p>Robert Badgett IPDE Systems, LLC</p>	<p>James Godwin PricewaterhouseCoopers</p>	<p>Michele Moss Contract support to DOD Office of CIO</p>	<p>James Poplin Defined Business Solutions</p>
<p>Vicki Barbur Consultant</p>	<p>Larry John ANSER</p>	<p>Catherine Ortiz Defined Business Solutions</p>	<p>Melinda Reed ODASD(SE)</p>
<p>Dawn Beyer Lockheed Martin Corporation</p>	<p>Michael McGrath McGrath Analytics LLC</p>	<p>Chris Peters The Lucrum Group</p>	<p>Stephanie Shankles Contract support to DOD Office of CIO</p>
<p>Donald Davidson Office of the DoD CIO</p>			<p>Joe Spruill Lockheed Martin Corporation</p>