INFORMATION SHARING AND ANALYSIS ORGANIZATION (ISAO) STANDARDS ORGANIZATION INITIAL PUBLIC MEETING

MONDAY, NOVEMBER 9, 2015

LMI HEADQUARTERS

7940 JONES BRANCH DRIVE, TYSONS VA 22102

Agenda

7:30 a.m. – 8:00 a.m.	**Registration and Continental Breakfast**
8:00 a.m. – 8:10 a.m.	**Opening Remarks**
	• **Heidi Graham**
	Senior Fellow, LMI
8:10 a.m. – 8:15 a.m.	**Welcome**
	• **Nelson Ford**
	CEO, LMI
8:15 a.m. – 8:30 a.m.	**DHS's Commitment to a Public-Private Partnership**
	• **Suzanne Spaulding**
	Under Secretary, National Protection and Programs Directorate, DHS
8:30 a.m. – 8:45 a.m.	**Our Progress Towards a Better Future**
	• **Mike Echols**
	Cyber JPMO Director, E.O. 13691 Implementation Manager, DHS
8:45 a.m. – 9:05 a.m.	**The ISAO Standards Organization: Mission and Principles**
	• **Greg White**
	Executive Director, ISAO Standards Organization
9:05 a.m. – 9:20 a.m.	**Perspectives from the Front Line**
	• **Brian Engle**
	Executive Director, Retail Cyber Intelligence Sharing Center
9:20 a.m. – 9:40 a.m.	**Initiating the ISAO Standards Development Process**
	• **Rick Lipsey**
	Deputy Director, ISAO Standards Organization
9:40 a.m. – 10:00 a.m.	**Break and Networking**

<p align="center">**<u>Meeting Breakouts</u>**</p>

<p align="center">**For Breakout Sessions, attendees will be divided into several groups. However, each group will cover all three subject areas. The purpose of breaking out into different groups is to encourage diverse conversation and allow greater audience participation.**</p>

10:00 a.m. – 11:20 a.m.   **Breakout Session I**

Group A in Room 1 North: Meeting the Urgent Need: Sharing Lessons Learned and Best Practices
- **Natalie Sjelin**
  Associate Director of Training, UTSA CIAS

Group B in Room 1 South A: The "What": An ISAO Framework of Standards
- **Brad Howard**
  Senior Cybersecurity Consultant, LMI

Group C in Room 1 South B: The "How": ISAO Standards Working Groups
- **Daniel Knight**
  Senior Cybersecurity Consultant, LMI

11:20 a.m. – 12:20 p.m.   **Lunch**

12:20 p.m. – 1:40 p.m.   **Breakout Session II**

Group A in Room 1 South A: The "What": An ISAO Framework of Standards
- **Brad Howard**
  Senior Cybersecurity Consultant, LMI

Group B in Room 1 South B: The "How": ISAO Standards Working Groups
- **Daniel Knight**
  Senior Cybersecurity Consultant, LMI

Group C in Room 1 North: Meeting the Urgent Need: Sharing Lessons Learned and Best Practices
- **Natalie Sjelin**
  Associate Director of Training, UTSA CIAS

1:40 p.m. – 2:00 p.m.   **Break**

2:00 p.m. – 3:20 p.m.   **Breakout Session III**

Group A in Room 1 South B: The "How": ISAO Standards Working Groups
- **Daniel Knight**
  Senior Cybersecurity Consultant, LMI

Group B in Room 1 North: Meeting the Urgent Need: Sharing Lessons Learned and Best Practices
- **Natalie Sjelin**
  Associate Director of Training, UTSA CIAS

Group C in Room 1 South A: The "What": An ISAO Framework of Standards
- **Brad Howard**
  Senior Cybersecurity Consultant, LMI

3:20 p.m. – 3:40 p.m.	**Break**
3:40 p.m. – 3:55 p.m.	**Read-Out: The "How"** (Daniel Knight)
3:55 p.m. – 4:10 p.m.	**Read-Out: The "What"** (Brad Howard)
4:10 p.m. – 4:25 p.m.	**Read-Out: Meeting the Urgent Need** (Natalie Sjelin)
4:25 p.m. – 4:55 p.m.	**Audience Q&A** (Heidi Graham)
4:55 p.m. – 5:00 p.m.	**Closing Comments**
	• **Greg White**
	Executive Director, ISAO Standards Organization
5:00 p.m. – 6:30 p.m.	**Networking Event** (Hilton McLean Tysons Corner)

LMI CEO
WELCOME MESSAGE

Mr. Ford has been chief executive of LMI since January 2009, simultaneously joining the board with his appointment as the company's eleventh president. As chief executive, he is responsible for the general management and strategic direction of LMI. Mr. Ford also serves as board chair of the Center for Strategic and Budgetary Analysis (CSBA) and on the board of the Northern Virginia Technology Council (NVTC).

Mr. Ford has extensive experience leading organizations and developing enduring, practical solutions to some of the most complex problems in the public sector, with particular emphasis on national security, financial management, healthcare, and resource management.

Under his leadership, LMI has expanded its regional presence and broadened its capabilities into emerging federal and international markets, receiving multiple "small business partner" and "best place to work" awards along the way.

Before leaving government to lead LMI, Mr. Ford served as the Under Secretary of the Army from 2007 to 2009. Prior to that, he served as Assistant Secretary of the Army for Financial Management and Comptroller from 2006 to 2007 and Principal Deputy Assistant Secretary of the Army for Financial Management and Comptroller from 2005 to 2006. From 2002 through 2004, he was Deputy Assistant Secretary for Health Budgets & Financial Policy in the Department of Defense.

He was President and CEO of a medical manufacturing company from 1997 to 2000 and was the Chief Operating Officer and Chief Financial Officer at Georgetown University Medical Center from 1991 to 1997. During the 1980's, he managed the health care consulting practice for Coopers & Lybrand and has extensive experience in the governance of health care organizations.

Mr. Ford holds a BA in history from Duke University and an MA in education from the University of Delaware and has completed additional professional training at the University of Pennsylvania. His wife is a retired government attorney and their three children all currently serve in the active duty military.

Under Secretary, National Protection and Programs Directorate, DHS
DHS's COMMITMENT TO A PUBLIC-PRIVATE PARTNERSHIP

Suzanne E. Spaulding serves as Under Secretary for the National Protection and Programs Directorate (NPPD) at the Department of Homeland Security. She oversees the coordinated operational and policy functions of the Directorate's subcomponents: office of Cybersecurity and Communications, Infrastructure Protection, Biometric Identity Management, Cyber and Infrastructure Analysis, and the Federal Protective Service.

NPPD's mission is to strengthen the security and resiliency of the nation's critical infrastructure against physical and cyber risk, securing federal facilities, building capabilities in the .gov and .com domains, and advancing identity management verification. The directorate accomplishes its mission by partnering with infrastructure owners and operators as well as Federal, State, local and territorial officials.

Ms. Spaulding has spent nearly 30 years working on national security issues for both Republican and Democratic Administrations and on both sides of the aisle of Congress. She was most recently a principal in the Bingham Consulting Group and Counsel for Bingham McCutchen LLP in Washington, D.C. Prior to joining the private sector, she served as the minority staff director for the U.S. House of Representatives Permanent Select Committee on Intelligence for Ranking Member Jane Harman (D-CA), and as general counsel for the Senate Select Committee on Intelligence. She also spent six years at the Central Intelligence Agency (CIA) and served as senior counsel and legislative director for U.S. Senator Arlen Specter (PA).

She has led or served on national commissions on terrorism and weapons of mass destruction, she has served on commissions on cybersecurity and homeland security, convened and participated in numerous academic and professional advisory panels.

Ms. Spaulding earned both her law degree and undergraduate degree at the University of Virginia.

Cyber JPMO Director, E.O. 13691 Implementation Manager, DHS

OUR PROGRESS TOWARDS A BETTER FUTURE

Michael A. Echols is the Director, Cyber Joint Program Management Office (JPMO) within the Cybersecurity and Communications (CS&C) component at the Department of Homeland Security (DHS). In this role, he leads two unique cybersecurity information sharing programs, Enhanced Cybersecurity Services (ECS) and Cybersecurity Information Sharing Collaboration Program (CISCP). He has led several White House national security initiatives. In his current role, he is the point person for the rollout of Presidential Executive Order 13691 – Promoting Private Sector Cyber Information Sharing.

Mr. Echols is the former Chief of the Government-Industry Planning and Management Branch, NCS from 2009 - 2013. He chaired the Communications Sector's Communications Government Coordinating Council (CGCC), and the Network Security Information Exchange (NSIE). Additionally, Mr. Echols managed the stand-up of the Joint Program Office under Executive Order 13618 supporting national security and emergency preparedness (NS/EP) communications. He managed the Committee of Principals (COP), 24 senior executive members of the NCS, and the President's National Security Telecommunications Advisory Committee (NSTAC).

Mr. Echols has over 23 years of technology management experience that includes rolling out major optical networks nationally, research into the protection of critical networks, and cost-benefit analysis of capital projects.

Mr. Echols is a graduate of the National Preparedness Leadership Initiative – Harvard Kennedy School of Public Health and the Federal Executive Institute. He holds a Masters of Business Administration, a Master of Science in Biotechnology, a Graduate Certificate in Technology Management, and a Bachelor of Science in Criminal Justice; all from the University of Maryland.

Executive Director, ISAO Standards Organization

THE ISAO STANDARDS ORGANIZATION: MISSION AND PRINCIPLES
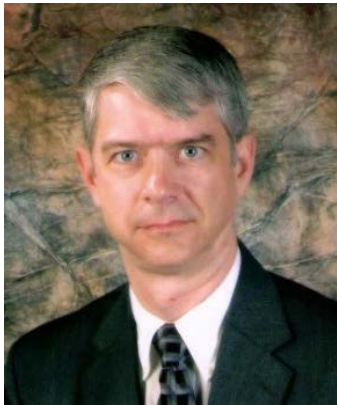
Dr. Gregory White has been involved in computer and network security since 1986. He spent 30 years with the Air Force and Air Force Reserves. He obtained his Ph.D. in Computer Science from Texas A&M University in 1995 conducting research in the area of Computer Network Intrusion Detection and he continues to conduct research in this area today. He currently serves as the Director of the Center for Infrastructure Assurance and Security (CIAS) and is a Professor of Computer Science at The University of Texas at San Antonio (UTSA).

Dr. White helped build the nation's first undergraduate information warfare laboratory at the U.S. Air Force Academy. At UTSA, he continues to develop and teach courses on computer and network security. He has also been very active in the development and presentation of cyber security exercises for states and communities around the nation and with the development of training designed to help states and communities develop viable and sustainable cyber security programs. In addition, he is also very active in development of cyber security competitions and was instrumental in the development of the National Collegiate Cyber Defense Competition and the CyberPatriot National High School Cyber Defense Competition.

Dr White received the 2011 Educator Leadership award for Exceptional Leadership in Information Assurance Education at the Colloquium for Information Systems Security Education (CISSE). In 2012, he was awarded the Air Force Association Distinguished Sustained Aerospace Education Award for his efforts in cyber security education. In 2014, he was made a Distinguished Fellow of the Information Systems Security Association. In addition to being the director of the CIAS at UTSA, Dr White also serves as the Executive Director of the Information Sharing and Analysis Organizations (ISAO) Standards Organization (SO) and is the Director of the National Cybersecurity Preparedness Consortium (NCPC).

Executive Director, Retail Cyber Intelligence Sharing Center

PERSPECTIVES FROM THE FRONT LINE

Brian Engle serves as the Executive Director of the Retail Cyber Intelligence Sharing Center (R-CISC), the resource supporting the retail and commercial services industries for sharing cybersecurity information and intelligence. The R-CISC, and its operation of the Retail and Commercial Services Information Sharing and Analysis Center (RCS-ISAC), create a trusted environment for robust collaboration for its members and partners. As Executive Director, Brian provides the leadership and oversight of all aspects of the R-CISC's mission, goals and operations for the delivery of effective and high quality services to the R-CISC membership.

Brian's previous information security roles include CISO and Cybersecurity Coordinator for the State of Texas, CISO for Texas Health and Human Services Commission, CISO for Temple-Inland, Manager of Information Security Assurance for Guaranty Bank, and Senior Information Security Analyst for Silicon Laboratories. Brian has been a professional within Information Security and Information Technology for over 25 years.

Brian is a past president and Lifetime Board of Directors member of the ISSA Capitol of Texas Chapter, is a member of ISACA and InfraGard, and holds CISSP and CISA certifications.

Deputy Director, ISAO Standards Organization

INITIATING THE ISAO STANDARDS DEVELOPMENT PROCESS

Richard A. Lipsey serves as Deputy Director of the ISAO Standards Organization and is also the senior strategic cyber lead for LMI. In this capacity he coordinates a multi-disciplinary portfolio of cyber-related management and analytical services across all LMI business units and regions.

Prior to joining LMI, he established Lipsey Cyber Consulting, where he advised clients from small businesses to Fortune 500 companies on cyber risk management strategies, cyber weapons systems development, and cyber service portfolios tailored to meet mission requirements.

Mr. Lipsey served 28 years in the United States Air Force where he distinguished himself in providing strategic leadership in the application of communications, computer, networking, and cybersecurity capabilities to meet operational mission requirements. In addition to assignments with six operational communications units, he served as the Director for C4 Systems for Air Force Central Command, where he was responsible for all deployed Air Force cyberspace capabilities in the CENTCOM area of responsibility. He also served on the staff of U.S. European Command, where he led the establishment of DoD's first combatant command Network Warfare Center. In his final assignment, he served as Vice Commander of 24th Air Force, the Air Force component of U.S. Cyber Command, which is responsible to extend, operate, and defend the Air Force portion of the DoD global network, as well as to plan and conduct full-spectrum cyberspace operations.

Mr. Lipsey holds a BS in computer systems analysis from Miami University and an MA in management and procurement from Webster University. He also earned a Master of Strategic Studies degree from the Air War College, where he graduated with academic distinction. In addition, he is an active life member of the Armed Forces Communications-Electronics Association.

LMI Conference Center

1 NORTH A

130

1 NORTH B

125

COFFEE BAR

115

MEETING SERVICES STORAGE

AV STORAGE

120

1-MEETING SERVICES RECEPTION

100

ENTRANCE FROM MAIN BUILDING

1 NORTH PATIO

CENTER STAIRCASE

Closet

1-NORTHWEST

140

Closet

CATERING PANTRY

170

MEETING SERVICES STORAGE

165

COFFEE BAR

1 SOUTH B

150

BOARDROOM

165

BUSINESS CENTER

155

WEST STAIRCASE

1-SOUTHWEST

160

1 SOUTH A

1-WEST PATIO