



# Information Sharing and Analysis Organization (ISAO) Standards Organization Online Public Forum

*A secure and resilient Nation – connected, informed and empowered.*



July 27, 2017

 @ISAO\_SO  
 [www.isao.org](http://www.isao.org)  
 [Inked.in/ISAO\\_SO](https://www.linkedin.com/company/isao-so)

# Agenda



- Strategic Goals for Information Sharing
- International Information Sharing Conference
- ISAO Support Update
- ISAO Publication Update
- Call for Working Group Members
- ISAO SO On the Road
- Upcoming Events
- Questions & Answers

# Strategic Goals for Information Sharing



“The cyber threat is one of the most serious economic and national security challenges we face as a Nation.”

President Barack Obama, March 2010

Mission: Improve the Nation’s cybersecurity posture by identifying standards and guidelines for robust and effective information sharing and analysis related to cybersecurity risks, incidents and best practices.

Vision: A more secure and resilient Nation that is connected, informed and empowered.

# 2017 International Information Sharing Conference



- October 31 and November 1
- Walter E. Washington Convention Center, Washington D.C.
- Agenda Announced on July 10
  - Congressmen, international speakers, and information sharing leaders
  - Great feedback from press and attendees after the agenda announcement
- Involvement Opportunities:
  - Tech Demos and Expo Hall Opportunities are available
- On-going partnership with DHS and US Chamber to promote
- If you are interested in guest-blogging or have outlets to promote the conference, please contact [ggarza@lmi.org](mailto:ggarza@lmi.org) or [Chase.Hathaway@utsa.edu](mailto:Chase.Hathaway@utsa.edu)

Walter E. Washington Convention Center



**2017** International  
Information  
Sharing  
Conference

Washington, DC | October 31-November 1

*Navigating the Information Sharing Ecosystem*



# 2017 International Information Sharing Conference



Tuesday, October 31, 2017	
Time	Agenda Item
7:00 AM - 4:00 PM	<b>L Street Bridge</b> <b>Attendee Registration</b>
8:00 AM - 8:30 AM	<b>Welcome Remarks: State of the Information Sharing Ecosystem</b> <i>Dr. Greg White, ISAO Standards Organization</i>
8:30 AM - 9:00 AM	<b>Opening Keynote</b> <i>Senior US Government Speaker</i>
9:00 AM - 9:30 AM	<b>Information Sharing and the Private Sector</b> <i>Ann Beauchesne, United States Chamber of Commerce</i>
9:30 AM - 6:30 PM	<b>Hall D</b> <b>Expo Hall Open</b>
9:30 AM - 10:00 AM	<b>Networking Break</b>
10:00 AM - 10:30 AM	<b>General Session</b> <i>Senior Retail Sector Speaker</i>
10:30 AM - 11:00 AM	<b>International Keynote</b> <i>Thomas Schreck, Chairman, FIRST (Invited)</i>
11:00 AM - 12:30 PM	<b>Hall D</b> <b>ISAO SO Awards Luncheon</b> <i>Keynote: Senior DHS Speaker</i>
12:30 PM - 1:30 PM	<b>Hall D</b> <b>Technology Demos / Exhibit Hall</b>

1:30 PM - 2:30 PM	<b>Information Sharing Success Stories</b> <b>Moderator</b> <i>Richard A. Lipsey, Deputy Director, ISAO Standards Organization</i> <b>Panelists</b> <i>John Carlson, Financial Services ISAC</i> <i>Marcus Sachs, North American Electric Reliability Corporation</i>
	<b>STIX/TAXII Update</b> <i>Richard Struse, Chair, OASIS Cyber Threat Intelligence Technical Committee</i>
	<b>International Information Sharing Dynamics</b> <b>Moderator</b> <i>Norma Krayem, Holland &amp; Knight, LLP</i>
2:45 PM - 3:45 PM	<b>Operationalizing a Network to Defeat a Network</b> <i>Frank Grimmelmann, Arizona Cyber Threat Response Alliance (ACTRA)</i>
	<b>Automated Information Sharing: Lessons Learned So Far</b> <b>Moderator</b> <i>Kent Landfield, McAfee</i>
	<b>Information Sharing Resources for Small and Midsize Business</b> <b>Moderator</b> <i>Reggie McKinney, C3 Voluntary Program (DHS)</i> <b>Panelists</b> <i>Jack Bienko, Small Business Administration (SBA)</i> <i>Matt Chevraux, U.S. Secret Service</i> <i>Marcus Joachim, Federal Bureau of Investigation (FBI)</i>
4:00 PM - 5:00 PM	<b>ISAO Service Provider Panel</b> <b>Moderator</b> <i>Doug DePeppe, Cyber Resilience Institute (CRI)</i> <b>Panelists</b> <i>Cindy Donaldson, Global Resilience Federation (GRF)</i> <i>Deborah Kobza, International Association of Certified ISAOs (IACI)</i> <i>Michael Darling, PricewaterhouseCoopers (PwC)</i>
	<b>Autoimmunity for Automated Sharing</b> <i>Mike Vermilye, Johns Hopkins University Applied Physics Laboratory</i>
	<b>Developing National Information Sharing Systems</b> <i>Steve Ingram, PwC-Australia</i>
5:00 PM - 6:30 PM	<b>Hall D</b> <b>Networking Reception</b>

# 2017 International Information Sharing Conference



Wednesday, November 1, 2017	
Time	Agenda Item
7:00 AM - 12:00 PM	<b>L Street Bridge</b> <b>Attendee Registration</b>
8:00 AM - 8:30 AM	<b>The Evolution of the Information Sharing Community</b> <i>Richard A. Lipsey, Deputy Director, ISAO Standards Organization</i>
8:30 AM - 9:00 AM	<b>Information Sharing Tabletop Exercise</b> <i>Dr. Greg White, ISAO Standards Organization</i>
9:00 AM - 9:30 AM	<b>Congressional Keynote</b> <i>Congressman Michael McCaul, Congressman, 10th District of Texas (Invited)</i>
9:30 AM - 2:45 PM	<b>Hall D</b> <b>Expo Hall Open</b>
9:30 AM - 10:00 AM	<b>Hall D</b> <b>Networking Break</b>
10:00 AM - 10:30 AM	<b>Driving Protections for Information Sharing</b> <i>Faye Francy, Automotive ISAC</i>
10:30 AM - 11:00 AM	<b>Information Sharing Keynote</b> <i>Jeanette Manfra, Department of Homeland Security (Invited)</i>
11:00 AM - 12:30 PM	<b>Hall D</b> <b>Cybersecurity Legislation Luncheon</b> <i>Jim Langevin, Congressman, 2nd District of Rhode Island</i> <i>Joaquin Castro, Congressman, 20th District of Texas</i> <i>Will Hurd, Congressman, 23rd District of Texas</i>
12:30 PM - 1:30 PM	<b>Hall D</b> <b>Technology Demos / Exhibit Hall</b>

1:30 PM - 2:30 PM	<b>The Benefits of Information Sharing: Wins That Made a Difference</b> <b>Moderator</b> <i>David Turetsky, State University of New York - Albany</i>
	<b>The Importance of Analysis in Building a National Cybersecurity Information Sharing Ecosystem</b> <i>Bruce Bakis, MITRE</i> <i>Edward Wang, MITRE</i>
	<b>Business Perspective on Multi-National Information Sharing</b> <i>Hosted by Forbes Magazine</i>
2:45 PM - 3:45 PM	<b>Lessons Learned in Starting an ISAO</b> <b>Moderator</b> <i>Natalie Sjelin, ISAO Standards Organization</i> <b>Panelists</b> <i>Gene Fredriksen, National Credit Union ISAO</i> <i>Rachel Nyswander Thomas, Trustworthy Accountability Group</i>
	<b>Sharing Cybersecurity Analytics</b> <i>John Wunder, MITRE</i>
	<b>International Collaboration Opportunities</b> <i>Stuart Murdoch, Surevine</i>
4:00 PM - 5:00 PM	<b>Managing Diversity Challenges in Cross-Sector Sharing</b> <b>Moderator</b> <i>Richard Struse, Chair, OASIS Cyber Threat Intelligence Technical Committee</i> <b>Panelists</b> <i>Michael Figueroa, Advanced Cyber Security Center</i> <i>Michael Semmens, National Cyber Exchange</i>
	<b>How to Launch a Cross-Sector Intelligence Exchange</b> <b>Moderator</b> <i>Paul Kurtz, TruSTAR Technology</i> <b>Panelists</b> <i>Members of Columbus Collaboratory ISAO</i>
	<b>The State and Local Information Sharing Experience</b> <b>Moderator</b> <i>John Gilligan, Center for Internet Security</i> <b>Panelists</b> <i>Nick Sturgeon, Indiana ISAC</i>
5:00 PM - 5:30 PM	<b>Closing Remarks</b>

# 2017 International Information Sharing Conference



- Special Promotion Code for being part of the Online Public Forum
- Use Code **IISC295** to save \$100!
- Valid through Monday, July 31
- Don't miss this opportunity to network with peers, attend valuable sessions and panels, and demonstrate platforms and services. Register today!

***Register on [ISAO.org/events/IISC2017](https://www.isao.org/events/IISC2017)***

*Navigating the Information Sharing Ecosystem*

Walter E. Washington Convention Center



**2017 International  
Information  
Sharing  
Conference**

Washington, DC | October 31-November 1



# Expo and Sponsorship Opportunities



In conjunction with the conference, there will be a vendor expo showcasing the latest products and services.

## MARKETING PACKAGES AVAILABLE

\$2,495 (Table Top)

\$3,995 (10 x 10 Marketing Package)

\$5,995 (Standard 10 x 20 Marketing Package)

*More info on [ISAO.org/events/IISC2017](https://www.isao.org/events/IISC2017)*



**PERCH**

**LMI**



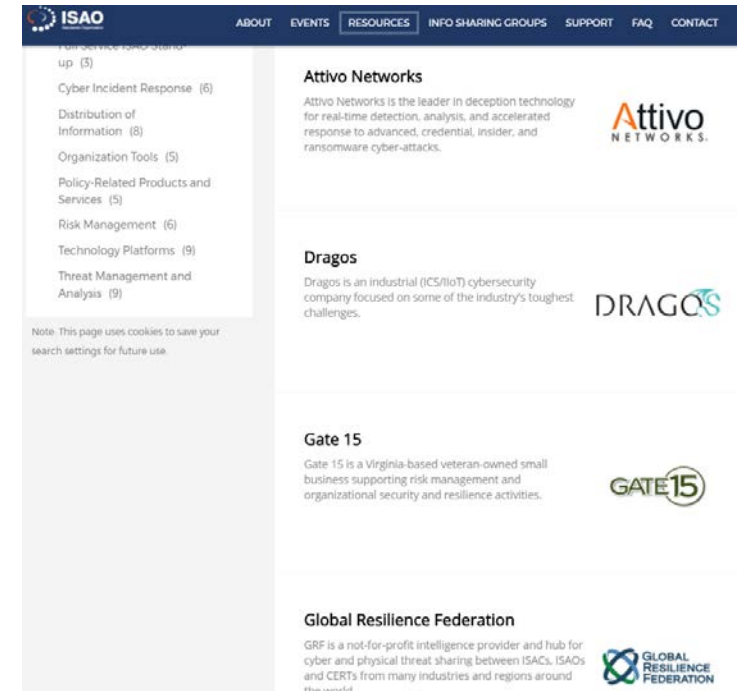
National Cyber Security  
Awareness Month



# ISAO Support Update



- ISAO Marketplace
  - 13 Vendors initially posted
  - 4-5 vendors currently pending
  - Accepting new registrations on ISAO.org
- ISAO Registry
  - 55 registered organizations
    - 32 ISAOs and “Other”
    - 23 ISACs
- Roundtable and Vendor Platforms
  - These intimate and targeted calls will continue this fall
  - Audio from the past three roundtables are available on the Past Event Pages





- ISAO GENERAL PUBLICATIONS

These documents are authored by the WGs and generally exceed ten pages in length. Documents are assigned to a Topic Series and follows the example of *ISAO 000-0* followed by the document title.

- ISAO SPECIAL PUBLICATIONS (SP)

These documents are authored by the WGs and generally ten pages or less in length. Each document is assigned to a Topic Series designation and follows the example of *ISAO SP 0000* followed by the document title.

- ISAO REPORTS (R)

These documents are authored by the Standards Organization's staff and are generally over ten pages in length. Each document is assigned to a Topic Series and follows the example of *ISAO R 0000* followed by the document title.

- ISAO NOTES (N)

These documents are authored by the Standards Organization's staff and are generally of ten pages or less in length. Each document is assigned to a Topic Series and follows the example of *ISAO N 0000* followed by the document title.

*New standards and guidelines are being created based on needs of the community, input from WGs and the public, and feedback from ISAO SO support and engagement activities*

# Pending Document Releases



- **SP 4000 “Protecting Consumer Privacy in Cybersecurity Information Sharing”**
  - Published July 26<sup>th</sup>
- **SP 1000 “Forming a Tax Exempt Entity”**
  - Request for public comment (RFC) is completed, WG is adjudicating comments.
  - Next step: WG forwards to SO for formatting, editing and final review for publishing.
  - Targeted Publication: August 2017
- **SP 8000 “FAQs for ISAOs General Counsels”**
  - Two RFC periods completed
  - Next Step: WG Adjudication
  - Targeted Publication: August 2017

# Documents in Development



- **Four additional documents are currently in development**
  - *ISAO 200-1 Introduction to Services & Capabilities (working title)*
  - *ISAO 300-2 Automated Information Sharing (working title)*
  - *ISAO 600-3 Government Relations - State, Local, Territory, Tribal, Region (working title)*
  - *ISAO 700-1 Introduction to Analysis (working title)*
- Visit the [Future Products Page](#) on ISAO.org for more information





# Working Group Leader Meeting



- Working Group Leaders met in San Antonio last week to discuss the future publication schedule of documents and other pressing matters
- Discussed upcoming topics including:
  - *Ecosystem topography*
  - *Data provenance*
  - *ISAO Body of Knowledge*
  - *How analysis is evaluated*
  - *ISAO “exhaust”*



# Call for Working Group Members



- 170+ experts from various industry sectors, government, and academia already participating in Working Groups
- ISAO SO is looking for additional members to participate in all Working Groups
  - ISAO Creation
  - ISAO Capabilities
  - Information Sharing
  - Privacy and Security
  - Government Relations
  - Analysis
  - International
- **For those who'd like to join:**
  - The Working Group Application Form can be found at the ISAO web page (<https://www.isao.org/about/working-groups/>)
  - Web-based application takes less than 3 minutes to complete

# ISAO SO On the Road



- ISAO/ISAC Tour
  - Multi-State ISAC
  - Global Resilience Federation (GRF)
  - International Association of Certified ISAOs (IACI)
  - Sports ISAO
  - Cyber Resilience Institute (CRI)
  - National Cybersecurity & Communications Integration Center (NCCIC)
- Cross-Sector Leadership Forum
- National Governors Association Cybersecurity Summit
- Illinois Chamber of Commerce 2<sup>nd</sup> Annual Cybersecurity Conference



*Recruiting WG Members, Supporting New Information Sharing Organizations, and Building the Ecosystem*

# Upcoming Events



## **September**

- September 14: Online Public Forum
- September TBA: New and Emerging ISAO Roundtable
- September TBA: ISAO Vendor Showcase

## **October 31- November 1**

- International Information Sharing Conference



# ISC<sup>2</sup> Government Information Security Leadership Award



- Selected as runner-up: *Most Valuable Industry Partner – Team Category*
- May 10, 2017 in Washington D.C.
- The GISLA program was established in 2004 to recognize government information security leaders, individuals or teams, whose commitment to excellence is advancing the nation's cybersecurity program in six areas: workforce, technology, process and policy, community awareness, industry partners, and cybersecurity up-and-comers.



*Thanks to Our Dedicated Volunteers!  
You're Making a Difference!*

# Questions and Answers



Please use the Question and Answers box in your GoToWebinar Control Panel to submit questions to the ISAO SO.

*Thanks for joining our online meeting today!*