



## O.P. NORTON INFORMATION RESOURCES CENTER

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# Information Sources on the Security of Critical Infrastructure

*The following are ASIS sources of information on the subject of critical infrastructure security.*

## Council Whitepapers

- [Critical Infrastructure Protection: Security Dependencies and Trends](#)  
ASIS Utilities Security Council, 2013
- [Metal Theft: A 21st Century Plague](#)  
ASIS Utilities Security Council, 2013
- [Utility Security Risk Management: Security Program Fundamentals](#)  
ASIS Utilities Security Council, 2013
- [Utility and Smart Grid Security](#)  
ASIS Critical Infrastructure Working Group, 2011

## Recorded Annual Seminar Educational Sessions

*Annual Seminar sessions may be purchased individually in streaming format from Confex, or as part of a full set of sessions for the year. Registered attendees to the annual seminar have free access. [Click here for more information.](#)*

- **Security Risk Assessment Methodology for the Petroleum and Petrochemical Industry**  
Session 2318, ASIS 60th Annual Seminar and Exhibits, Atlanta, Georgia  
Presenting Speakers: Jeffrey Lee, CPP, Saudi Aramco Industrial Security Operations; David Moore, AcuTech Consulting Group  
Moderator: Anthony Hurley, Utility Executive Operations  
The American National Standards Institute (ANSI)/American Petroleum Institute (API) Standard 780, Security Risk Assessment (SRA) Methodology, was published in June 2013 as a standard for security risk assessments at petroleum and petrochemical facilities. The standard is an update from the 2004 API/NPRA SRA Methodology. The new version is designed to assist management in making structured decisions on the need for threat-based countermeasures tied to risk and to provide confidence that planned objectives will be achieved with an acceptable degree of residual risk.  
[Available for purchase from Confex.](#)

- **Securing Port and Maritime Assets**

Session 4311, ASIS 60th Annual Seminar and Exhibits, Atlanta, Georgia

Presenting Speaker: Alan Oshirak, Oshirak Group International

Energy industry operations and the corresponding interconnectivity of off-shore and land-based assets require a keen knowledge of port and maritime operations, especially in an international environment. Terrorism, piracy, criminality, corruption, civil unrest, labor disputes, and regulatory issues must be understood in a local context and accounted for when structuring an effective risk management and security program. Explore these dynamics and rediscover how the application of tailored and cost effective security measures can enhance the protection of personnel and critical assets, ensuring personnel safety, business continuity, and global brand reputation.

[Available for purchase from Confex.](#)

- **Brazil: Lessons Learned and a Look Ahead**

Session 3315, ASIS 60th Annual Seminar and Exhibits, Atlanta, Georgia

Presenting Speakers: Robert L. Quigley, International SOS; Pablo Weisz, CPP, International SOS and Control Risks; Erin L. Wilk, Bank of America

Moderator: Alan Oshirak, Oshirak Group International

Brazil will take center stage for world events in 2014 and 2016 when it hosts the World Cup and the Summer Olympic Games. Tens of thousands of visitors are set to stream into the country, giving Brazil the chance to showcase its natural wonders and manmade attractions. It's also a fast-growing business travel destination. After the World Cup, how will the physical infrastructure, as well as the medical and security areas, hold up under the crush of visitors? How are travel directors managing the many risks from Brazil's endemic diseases and security issues?

[Available for purchase from Confex.](#)

- **How Vulnerable Is Our Food and Agricultural Infrastructure?**

Session 2113, ASIS 59th Annual Seminar and Exhibits, Chicago, Illinois

Presenting Speaker: Michael Fagel, Argonne National Laboratory DIS, Infrastructure Assurance Center

Moderator: Jean-Francois Savard, CPP, Government of Canada Agriculture and Agrifood Canada  
Farm-to-fork: how does that term apply to the global food supply, and how does the food continuum affect the end user? A comprehensive and secure solution depends on a connected, interdependent system that encompasses production, processing, distribution, and delivery. By examining several food disruption case studies, Security Managers can understand how to address the inherent risks and potential threats, and implement successful mitigation strategies.

[Available for purchase from Confex.](#)

- **Integrator Track: Preventing Terrorist Attacks**

Session 2317, ASIS 59th Annual Seminar and Exhibits, Chicago, Illinois

Presenting Speaker: Ross Johnson, CPP, Capital Power Corporation Risk Management and Internal Audit

Moderator: Dr. Robin McFee, Threat Science

Terrorists increase their chances of success through surprise. To achieve unexpected results, they collect as much information on potential targets as possible. Security professionals can take advantage of these attempts to gather data to determine a terrorist's intention, deter an attack, and assist counterterrorism efforts. Learn how the fundamentals of antiterrorism planning can be turned into an effective security plan.

[Available for purchase from Confex.](#)

- **Learning From Crisis: The Boston Blackout**

Session 3215, ASIS 59th Annual Seminar and Exhibits, Chicago, Illinois

Presenting Speaker: Alan Snow, CPP, Boston Properties; Paul Caruso, AlliedBarton Security Services

Moderator: Carlos Villarreal, SecurAmerica LLC Commercial Real Estate

A fire in an electrical substation brought down the electrical grid in the center of Boston. Office towers, hotels and neighborhoods were plunged into complete darkness. Trains stopped, elevators halted and safety and security departments shifted into crisis mode. Fears of toxic fumes from the resulting fires further complicated crisis management efforts, leading to an order to shelter for thousands of people in buildings near the fire. After a three-day outage, many valuable lessons were learned about emergency protocols, security response, building systems, business recovery and population management.

[Available for purchase from Confex.](#)

- **The Security Implications of Superstorm Sandy**

Session 3312, ASIS 59th Annual Seminar and Exhibits, Chicago, Illinois

Presenting Speaker: Stephen Flynn, Kostas Research Institute for Homeland Security, Northeastern University

Moderator: Mike Smith

As Superstorm Sandy approached the Northeastern United States, alerts and several days of warning predicted a risk of flooding. Still, many companies were caught unprepared to deal with the disruption the storm caused to the energy, communications and transportation sectors. As a result, the post Sandy-era will be marked by a growing emphasis on resilience, the capacity to better withstand, nimbly respond to and rapidly recover from man-made and natural threats.

[Available for purchase from Confex.](#)

## Recorded Webinars

- **Critical Infrastructure Protection: The Way Ahead**

June 4, 2014 – Speaker: Ron Martin, CPP

All enterprises have a diverse set of systems and applications. Owner / operators of critical infrastructure facilities must have protocols of the critical infrastructure's enterprise system and its subordinate sub-systems in order to:

a) Detect and map anomalies that will indicate exploitations of known and unknown vulnerabilities to enable a resilient posture.

b) Provide a score to benchmark an organization's cyber posture for continuous improvement.

c) Provide a perpetual assessment of a facility's physical security posture.

Resilience to an all hazards threat and/or incident is the goal of this effort.

[Available for purchase in a streaming format or as a CD set.](#)

- **Critical Infrastructure Protection From a Private Security Perspective**

August 20, 2014 -- Speaker: Keith P. Melo, PCIP

Eighty-five percent of the critical infrastructure we depend on is managed and/or owned by the private sector. This staggering statistic brings to the forefront the importance of planning between public and private partnerships in order to effectively protect these critical infrastructures in the event of a natural disaster or terrorist attack. Two other critical considerations are promoting awareness and having a corporate integrated approach to command and control through an Incident Command System while focusing on communication and leadership. Educating emergency managers to common problems based on best practices, lessons learned, and the principles of emergency management are fundamental to moving forward in emergency planning.

[Available for purchase in a streaming format or as a CD set.](#)

## Articles from *Security Management*

To find additional articles, go to the magazine's website, [sm.asisonline.org](http://sm.asisonline.org).

- [Securing the Fan Experience](#), 02/09/2015
- [Congress Passes Cybersecurity Legislation](#) , 12/11/2014
- [Sharing Cyberthreat Intelligence](#), 12/01/2014
- [The Weather Company Relies on Partnerships to Issue Forecasts Worldwide](#) , 10/16/2014
- [Ferrying the Masses](#), 10/01/2014
- [Heating Up the Perimeter](#), 09/01/2014
- [DHS Issues Updated Infrastructure Protection Plan](#), 05/01/2014
- [Book Review: Emergency Planning Guide for Utilities](#), 05/01/2014
- [Book Review: 21st Century Security and CPTED: Designing for Critical Infrastructure Protection and Crime Prevention, Second Edition](#), 05/01/2014
- [Critical Infrastructure Provider Directory](#), *Security Management Buyers Guide*, April 2014
- [NIST Releases Cybersecurity Framework](#), 03/01/2014
- [Updated National Infrastructure Protection Plan Released](#), 03/01/2014
- [Chemical Plants](#), 03/01/2014
- [One Lab's Mission: Resilience Research](#), 12/01/2013
- [Book Review: Critical Infrastructure Security: Assessment, Prevention, Detection, Response](#)  
[Assessment, Prevention, Detection, Response](#), 09/01/2013
- [Cybersecurity for Critical Infrastructure](#), 06/01/2013
- [Assessing U.S. Response to Cyberthreat](#), 04/01/2013

## Information Resources Center (IRC) Security Databases & Library Catalog

The Security Database & Library Catalog of the IRC has hundreds of records on the subject of critical infrastructure security, including references to books, *Security Management* articles, government reports, Annual Seminar recorded sessions, and other documents. Print items are available for use onsite in the O.P. Norton Information Resources Center (IRC) by ASIS International members. Some items have links to electronic versions accessible via the Internet. [Sign-in to the ASIS website, then go to the library webpages to navigate to the Security Database & Library Catalog](#). Search using the phrase “**critical infrastructure**” in the subject field. You may also search using one of these phrases or individual terms:

- Public Utilities
- Energy Security
- Communications Security

For more help and search suggestions, see “[Search Tips](#)” on our website, or [email us with questions](#).