

Kshemendra Paul, Program Manager Information Sharing Environment

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VISION

National security through responsible information sharing

MISSION

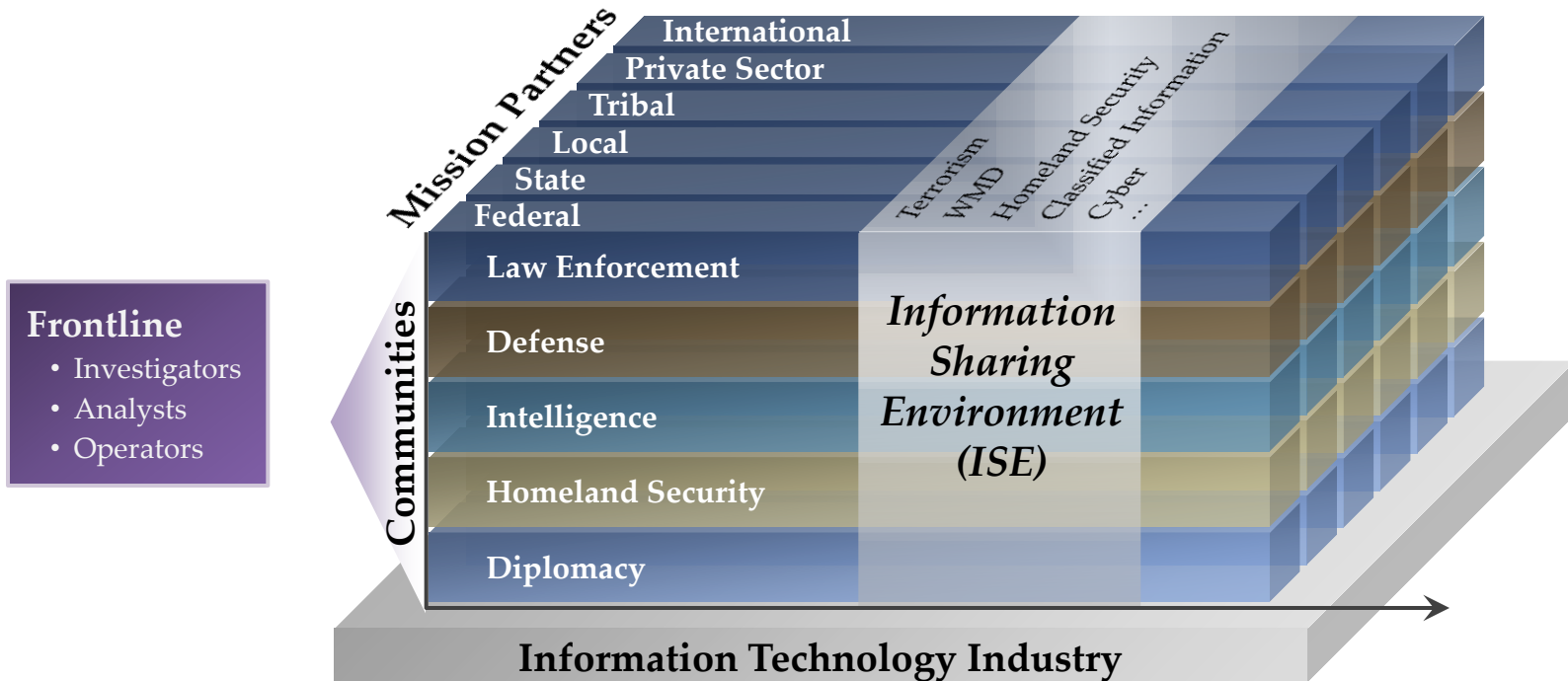
Advance responsible information sharing to further counterterrorism and homeland security missions

Improve nationwide decision making by transforming information ownership to stewardship

Promote partnerships across federal, state, local, and tribal governments, the private sector, and internationally

information

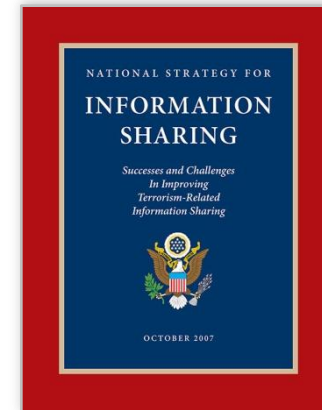
SCOPE OF THE ISE



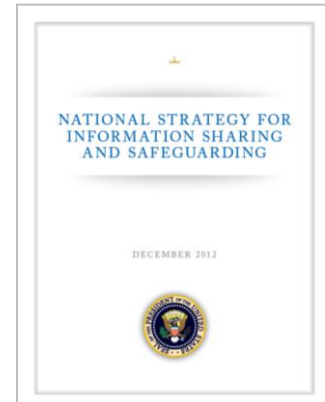
ISE FOUNDATION

ISE.

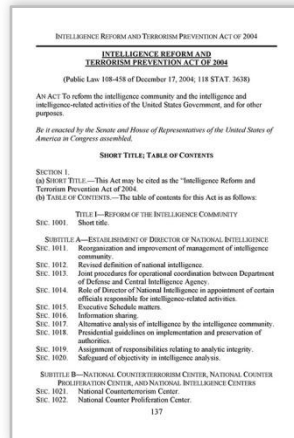
2007 National Strategy



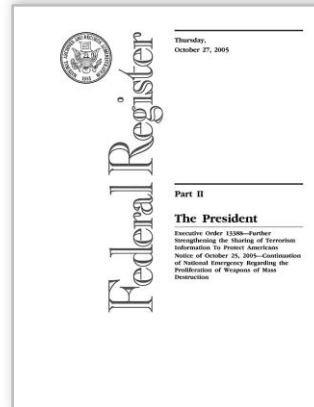
2012 National Strategy



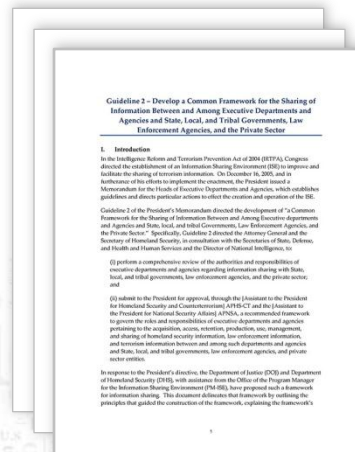
IRTPA Intelligence Reform and Terrorism Protection Act of 2004



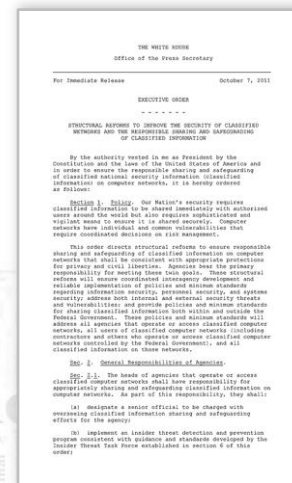
Executive Order 13388



Presidential Guidelines



Executive Order 13587



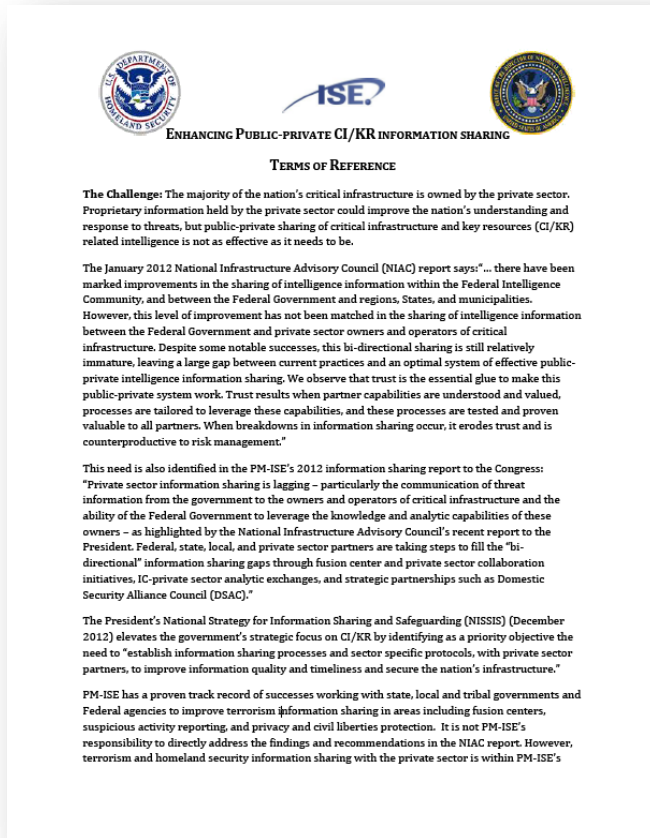
Markle Task Force



ACCELERATING PRIVATE SECTOR INTEGRATION INTO THE ISE



Terms of Reference



- DHS, PM-ISE, and ODNI joint collaboration
- Targeted response to the January 2012 NIAC Report Findings
 - “Despite some notable successes, bi-directional sharing is still relatively immature, leaving a large gap between current practices and an optimal system of effective public-private intelligence information sharing.”
- Accelerate private sector integration (with a focus on Critical Infrastructure owners and operators) *into the broader Information Sharing Environment*
- Phased Approach
 - P1: Outreach and Fact-Finding
 - P2: Develop Findings and Recommendations
 - P3: Implement Recommendations

GOALS IN FRAMING OUR RECOMMENDATIONS



- Target activity areas that would deliver impactful improvements.
- Leverage planned and on-going efforts by ISE partners to implement National Policy directives to enhance Critical Infrastructure security and resilience.
 - PPD-21
 - Executive Order 13636
 - 2013 Update to the National Infrastructure Protection Plan
- Ensure alignment with key recommendations from the January 2012 NIAC Report.
 - Increasing Fusion Center capacity to share information
 - Enhancing doctrine to recognize the Private Sector as a customer and recipient of threat information
 - Increasing the use and sharing of best practices across federal partners
 - Building sector-specific analytic capacity

JOINT INITIATIVE RECOMMENDATION OBJECTIVES



Leveraging Fusion Center Capabilities

- Improve how fusion centers individually and collectively can better support Critical Infrastructure Owners and Operators by leveraging existing programs, including field-based programs sponsored by DHS and the FBI
- Increase Critical Infrastructure Owners and Operators access to relevant Fusion Center Products
- Increase private sector awareness of, and connectivity to, their local Fusion Centers
- Provide training and awareness of emerging threats to Critical Infrastructure Owners and Operators

Alignment to NIAC Recommendations

Alignment to E.O. 13636 & PPD-21 Objectives

NIAC Recommendation 7:

Enhance fusion center capabilities as one mechanism for sharing.

NIAC Recommendation 5:

Build accepted practices for timely information delivery.

NIAC Recommendation 3:

Improve information content by leveraging partner capabilities.

PPD 21 and EO

13636: Promote increased information sharing to strengthen security and resilience.

PPD 21: Enhance security and resilience against emerging threat streams.

E.O. 13636: Establish a consultative process w/ (SLTT, SSAs, SCCs, P/S, etc.) to coordinate improvements to cybersecurity of Critical Infrastructure

JOINT INITIATIVE RECOMMENDATION OBJECTIVES



	Alignment to NIAC Recommendations	Alignment to E.O. 13636 & PPD-21 Objectives
Developing Relevant Policy		
<ul style="list-style-type: none"> •Support decision options and doctrine that establish the Private Sector as a customer and recipient of threat information 	NIAC Recommendation 2: Improve the implementation of existing authorities; ODNI should aim to reduce ambiguity and simplify engagement points and processes in the rules and relationships for information sharing.	PPD 21: Refine and clarify functional relationships across the Federal Government to advance national unity of effort.
Accelerating the Sharing and Use of Best Practices		
<ul style="list-style-type: none"> •Identify information Sharing Best Practices across Sectors and with Sector Specific Agencies 	NIAC Recommendation 5: Build accepted practices for timely information delivery.	PPD 21: Enable efficient information exchange by identifying baseline data and systems requirements.



JOINT INITIATIVE RECOMMENDATION OBJECTIVES



	Alignment to NIAC Recommendations	Alignment to E.O. 13636 & PPD-21 Objectives
Building Analytic Capacity		
<ul style="list-style-type: none"> •Increase analysts' capacity related to critical sectors and improve their overall understanding and ability to provide Critical Infrastructure Owners and Operators with relevant and timely threat information. •Identify and promote tools in use across the government that enhance risk management of infrastructure assets. •Expand existing capabilities to increase the relevance and timely distribution of analytical products to state, local, and Critical Infrastructure Owners and Operators at the lowest possible classification level. 	<p>NIAC Recommendation 3: Improve Information content by leveraging partner capabilities.</p> <p>NIAC Recommendation 4: Improve the value of information products to industry risk-management practices.</p> <p>NIAC Recommendation 5: Build accepted practices for timely information delivery.</p>	<p>PPD-21: Develop a Situational Awareness Capability for Critical Infrastructure.</p> <p>E.O 13636: Increase the volume, timeliness and quality of cyber threat information shared with P/S entities.</p> <p>PPD 21: Support the integration and analysis function and develop a Situational Awareness Capability for Critical Infrastructure.</p>

NATIONAL STRATEGY FOR INFORMATION SHARING AND SAFEGUARDING



Principles:

- Information as a national asset
- Information sharing & safeguarding requires shared risk management
- Information informs decision making

NSISS PRIORITY OBJECTIVES

1. Governance
2. Agreements
3. Data Tagging
4. FICAM
5. Safeguarding
6. Interoperability Baseline Capabilities
7. Training
8. Discovery & Access
9. *Private Sector Sharing*
10. Data Aggregation Reference Architecture
11. Shared Services
12. Standards-based Acquisition
13. Foreign Partners
14. AWN & RFI Process
15. NSI
16. Fusion Centers

OTHER PM-ISE INITIATIVES RELEVANT TO NIAC PRIORITIES



STATE-WIDE, REGIONAL, & DOMAIN-SPECIFIC ISEs



TO LEARN MORE



BUILDING BLOCKS

How do you promote responsible information sharing? What do you need to build information sharing across all levels of government, the private sector, internationally, or within your organization? It's a challenge, and we've learned a lot working toward that goal.

Those important lessons we've learned - coupled with best practices from our partners - are incorporated into the following "Building Blocks." Each of the icons below represents one of the fundamental components needed for responsible information sharing. Learn more about us.

HOW CAN I USE BUILDING BLOCKS?
READ AND SHARE CONTENT AND SUCCESS STORIES.



SEARCH

[Glossary](#) | [FAQ](#) | [Contact Building Blocks](#)

GOVERNANCE



BUDGET &
PERFORMANCE



ACQUISITION



STANDARDS &
INTEROPERABILITY



COMMUNICATIONS
& PARTNERSHIPS



information
working
private
process
international
SBU
availability
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JRC
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An Official Website of the United States Government Monday, October 29, 2012 Text -A +A

ISE Information Sharing Environment

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Our Vision and Mission, Clearly Defined

A blog post by Kshemendra Paul about our newly clarified vision, mission, and objectives

1 2 3 4

Our Vision & Mission

What is ISE?

The ISE provides analysts, operators, and investigators with integrated and synthesized terrorism, weapons of mass destruction, and homeland security information needed to enhance national security and help keep our people safe.

[Read More about ISE](#)

ISE.gov shareandprotect

GSA usgsa
Follow @NOAA, @NHC_Atlantic for #Sandy storm track & @FEMA for more resources.
4 hours 41 min ago



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RESPONSIBLE INFORMATION SHARING TO ENHANCE NATIONAL SECURITY