

# Sharing Intelligence and Managing Risk Across the Homeland Security Enterprise

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# The Homeland Security Space is Complex



9/11 Terrorist Attacks



Cyber Attacks



Hurricane Katrina  
Flooding



Tropical Storms

Intelligence and risk information are key to operating in this complex mission space



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# Threats and Global Challenges

From the 2010 Quadrennial Homeland Security Review

Major Threats	Global Challenges
High-Consequence Weapons of Mass Destruction	Economic and Financial Instability
Al-Qaeda and Global Violent Extremism	Dependence on Fossil Fuels and the Threats of Global Climate Change
Illicit Trafficking and Related Transnational Crime	Nations Unwilling To Abide by International Norms
Pandemics, Major Accidents, and Natural Hazards	Sophisticated and Broadly Available Technology
High-Consequence and/or Wide-Scale Cyber Attacks, Intrusions, Disruptions, and Exploitations	Other Drivers of Illicit, Dangerous, or Uncontrolled Movement of People and Goods
Smaller Scale Terrorism	

*“Ultimately, homeland security is about effectively managing risks to the Nation’s security”*



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# What is Risk?



Can be viewed as a function of:

- Threat
- Vulnerability
- Consequences

***Risk*** is the potential for an unwanted outcome resulting from an incident, event, or occurrence, as determined by its likelihood and the associated consequences.

DHS Risk Lexicon, 2<sup>nd</sup> Edition, 2010



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# What is Risk Management?

***Risk management*** is the process of identifying, analyzing, assessing, and communicating risk and accepting, avoiding, transferring, or controlling it to an acceptable level considering associated costs and benefits of any actions taken

DHS Risk Lexicon, 2<sup>nd</sup> Edition, 2010

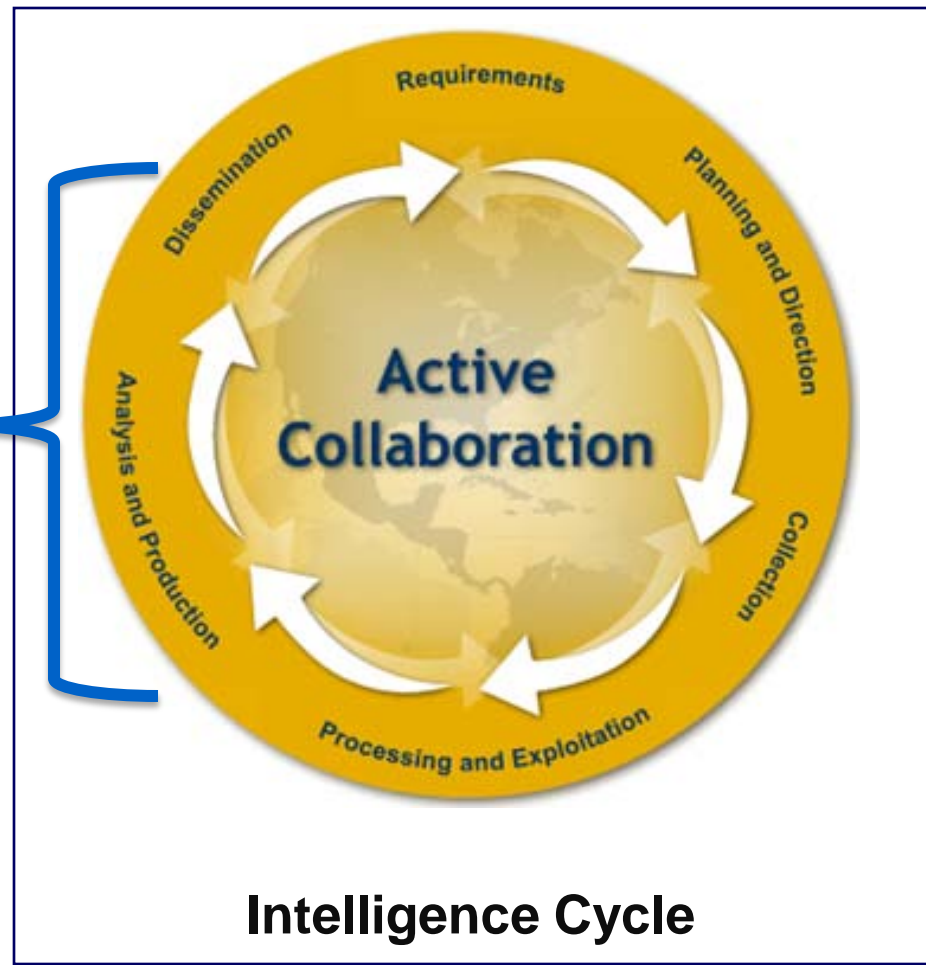
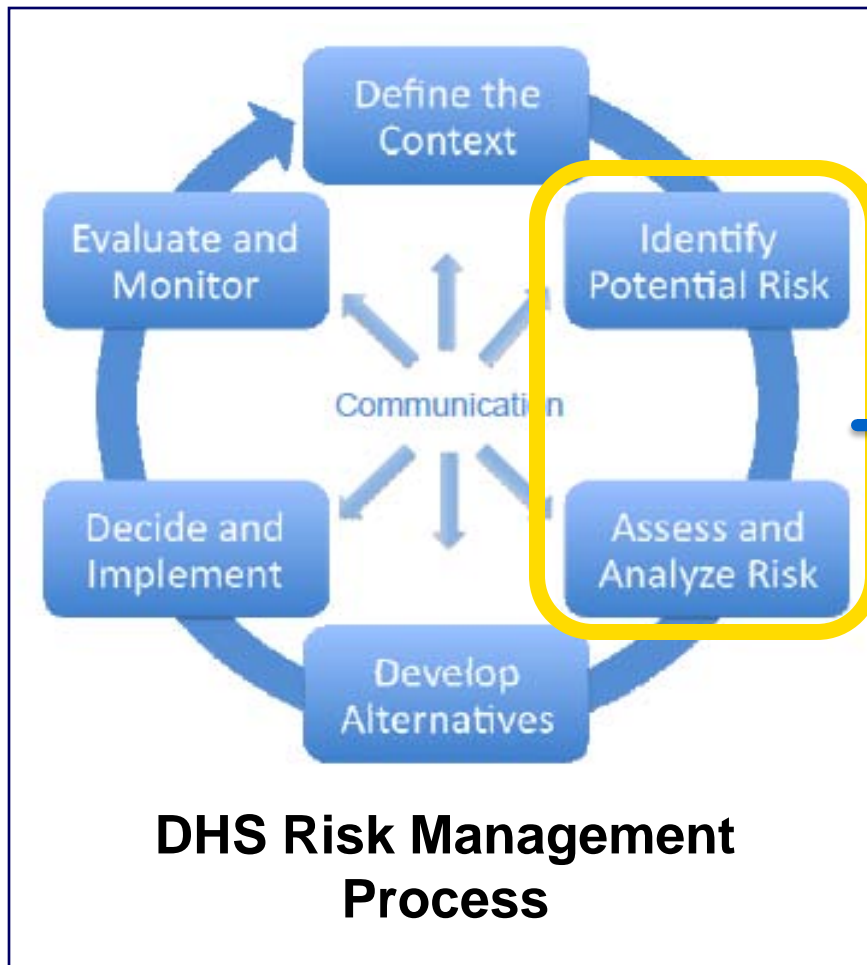


DHS Interim Integrated Risk Management Framework, 2009



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# Intelligence is Key to the Risk Management Cycle



# The Value of Integrated Risk Management

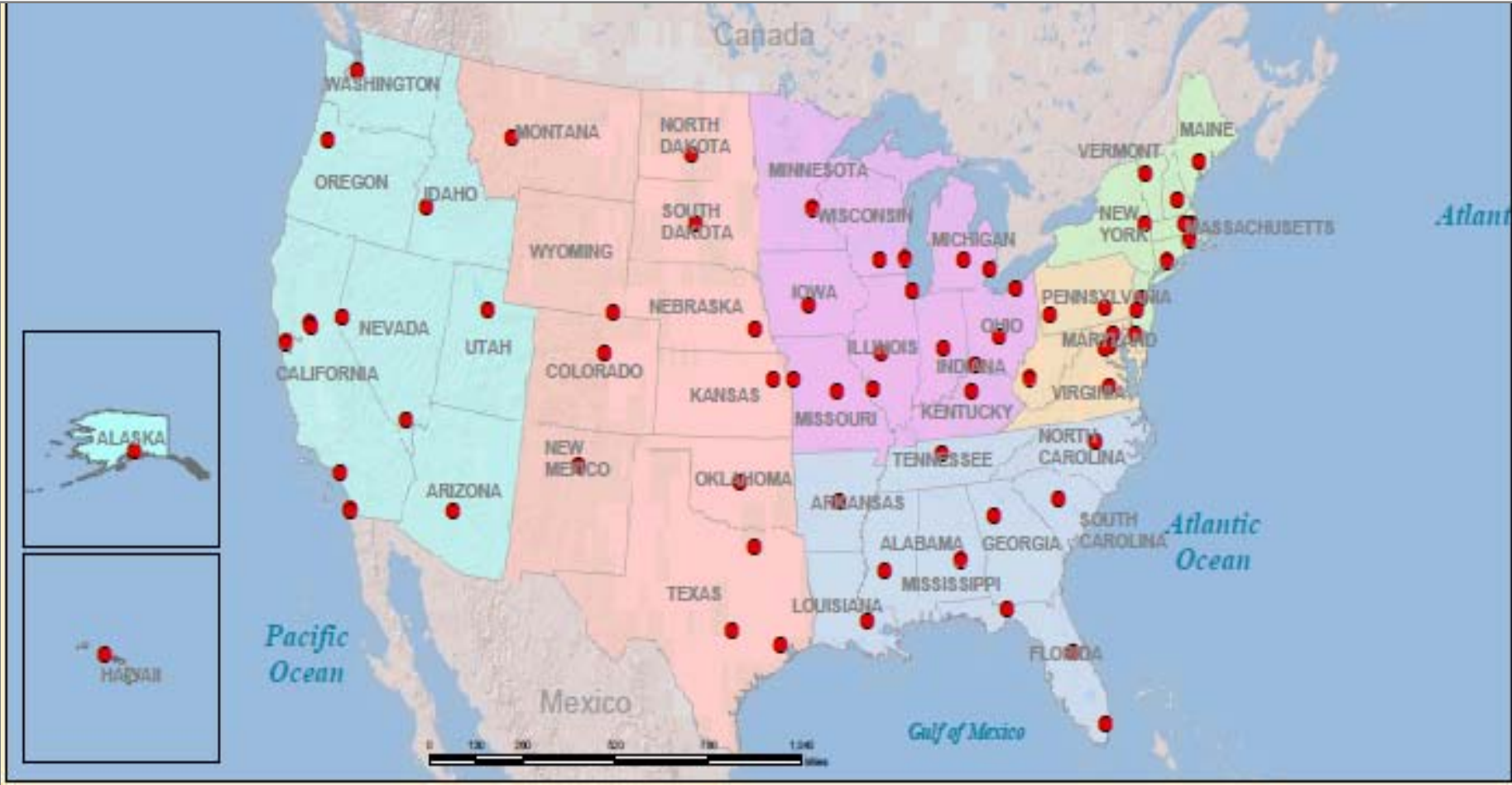
- Allows for more transparent and defensible decision making
- Contextualizes homeland security threats, showing which are the most likely and highest impact
- Informs prioritization decisions between terrorism, natural disasters, cyber, pandemics, border security and transnational crime
- Provides a performance measure for programs across the homeland security mission space
- Identifies opportunities for reducing or transferring risk

***Secretary Napolitano signed a Policy on Integrated Risk Management for the Department in May 2010***



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# Sharing Risk and Intelligence Information with Partners



## 72 State and Major Urban Area Fusion Centers



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