
Establishing National Government-Industry Collaboration

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Jordana L. Siegel

National Cyber Security Division
Department of Homeland Security
National Government – Industry Collaboration

- Industry owns and operates much of the critical infrastructure and critical information infrastructure
- Protecting critical infrastructure and critical information infrastructure is a shared responsibility
- Partnership is required for meaningful collaboration
- Fundamental to national cybersecurity efforts
Government-Industry Collaboration: Key Elements

- **Value proposition for government and industry**
  - Need for a mutually beneficial relationship
  - How can industry provide value to government?
  - How can government provide value to industry?

- **Roles and Responsibilities**
  - Need for common understanding of respective roles and responsibilities
  - Manage expectations

- **Trust**
  - Necessary for establishing, developing, and maintaining relationships
  - Built over time through collaborative efforts

*Homeland Security*
Government-Industry Collaboration: Overarching Goals

- Develop government-industry collaborative relationships to manage cyber risk and to protect cyberspace.

- Provide a mechanism to bring government and industry perspectives, equities, and knowledge together in order to reach consensus and move forward to enhance security at a national level.
Include Industry Perspectives

► Engage industry early – from development to implementation to maintenance

► Employ different mechanisms for engagement
  ▪ Participation in government-industry working groups
  ▪ Solicitation of comments for cybersecurity policy and strategy development
  ▪ Coordination of efforts through information sharing mechanisms

► Collaborate on an approach to risk management

► Cooperate in research and development activities
Encourage Development of Industry Groups

Focus:
- Strategic issues
- Operational issues
- Management of security concerns

Functions:
- Enables information sharing among industry
- Helps to provide a process for government engagement

Conditions needed to enable collaboration:
- Anonymity for members
- Access to information
- Protection of proprietary/business sensitive information
Enable Government-Industry Collaboration

- Mechanisms to build trust and promote collaboration
  - Utilize a written agreement that guides the collaboration and exchange between government and industry
  - Define a shared vision and purpose
  - Leverage strong individual and organizational leadership
  - Participants must see tangible and measurable outcomes
Establish Cooperative Arrangements for Incident Management

- Coordinated response efforts are key to effective incident management
  - Rapid identification, information exchange, mitigation and/or remediation can diminish the damage caused by incidents

- Framework for coordination
  - Construct for information sharing that includes focal points for policy-related issues and operational information exchange
  - Identified policies and procedures for sharing and reporting incidents
  - Policies for protecting and disseminating sensitive (government and industry) proprietary information
  - Mechanisms for communicating and disseminating information

- Exercise coordination mechanisms
  - Test government-industry information sharing and coordination to identify gaps and improve preparedness activities
Questions?