Information Technology – Information Sharing and Analysis Center

First Symposium
Barcelona, Spain
Feb. 2, 2011
About Us

• Non Profit, US Corporation established in 2000 and operational in 2001
• Fully funded by members, not part of and fully independent of DHS
• Governed by a Board, managed by an Executive Director, with 4 members of the Operations Team
• NDA for member companies
• One stop point to other Critical Infrastructures
• Looking to expand our relationships with non us based organizations
Members (as of Dec. 31, 2010)

**Foundation Members**
- BAE Systems, IT
- CA, Inc.
- Cargill, Inc.
- CSC
- eBay
- EWA, IIT
- IBM
- Intel Corporation
- Microsoft Corp.
- Oracle USA, Inc.
- SRA International
- Symantec Corp.
- VeriSign, Inc.

**Silver Members**
- Afilias, USA
- Cisco Systems, Inc.
- Juniper Networks
- HP
- McAfee, Inc.
- NeuStar

**Bronze Members**
- Lockheed Martin Corporation
- Prescient Solutions
- USi
IT-ISAC Capabilities

- 24x7 Response Operations Center
- Technical Committee for facilitating information sharing among members
- Special Interest Groups (such as the Emerging Threat SIG) to focus on specific member defined issues
- Training and Education initiative
- Secure member portal
Tech Committee Analytical Groups

Technical Committee

Emerging Threat

Network

Product

Technical Committee
IT-ISAC Organizational Goals

- **Incident Response**: Be a trusted forum for relevant and timely situational awareness-related information sharing on incidents affecting IT-ISAC Members.

- **Analytics and Trends**: Provide analytics on cyber threat and vulnerability trends and activities

- **Provide a trusted forum** to work on IT Enterprise and Operations-level cyber security issues (‘hard’ problems)

- **R&D**: Identify R&D requirements and opportunities focusing on solutions to achieve IT-ISAC objectives

- **Training and Education**: Leverage member expertise and resources to provide best practices, awareness and training to industry and government community.
New Operations Construct

- Refine analytical reports to better provide members with the steady state information they need to manage risks;
- Facilitate the sharing of information among members on attacks, threats and trends;
- Program manage specific initiatives, such as the Technical Committee, focused analytical groups, training and education initiative, and other member led and defined initiatives;
- Maintain our traditional incident response coordination functions;
- Enhance collaborative analysis with and among members and other partners.
Cross Sector Collaboration

Ops Center

NCCIC

National Council of ISACs
Specific Operational Initiatives

• Analysis and Incident Response
  • Enhance Technical Committee value
  • Drive Focused Analytical Groups
  • Collaboration with the NCCIC and NICC

• Cross Sector Information Sharing and Analysis
  • Joint Coordination Center Information Sharing Pilot
  • National Council of ISACs

• Exercise Capabilities
  • National Level Exercise (NLE) 11
  • IT-ISAC Drills

• Expand Reach within Sector
  • FIRST, ICASI, International Collaboration
Select 2010 Accomplishments

• Implemented new operations construct
• Embed an analyst at the NCCIC
• Participated in Cyber Storm III
• Conducted a pilot program to enhance cross sector collaboration
• Provided thought at key conferences and workshops
• Initiated the Training and Education initiative
Potential Focus Areas for 2011

• Identify opportunities for additional operational relationships at the international level
• Work within the US to build a national cross sector information sharing and analysis capability
• Identify partners to build similar international capabilities
• Implement lessons learned from CS III
• Finalize and publish Emerging Threat SIG paper
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