

Cyber Security Sub-Committee Brief

to

Homeland Security and All-
Hazards Senior Advisory
Committee (HSAC)

January 11th, 2016

Agenda

- Background
- Today's Situation
- Sub-Committee Support of HSAC
- Approach
- Round Table

Background

- State of Colorado Legislature provided 5 FTE for Cyber Security
 - Colorado Bureau of Investigation – 2 FTE
 - Office of Information Technology – 2 FTE
 - Colorado Division of Homeland Security and Emergency Management – 1 FTE
- FBI formed Cyber Task Force
 - State of Colorado Supports this Task Force
- Ad Hoc Cyber Steering Group officially formed as the HSAC Subcommittee on Cyber Security

Current Situation

- Cyber Security across industry and the government is disjointed with organizations at risk
- Daily probes and attacks from many different actors with disparate goals
- Limited cross sector coordinated defensive efforts
- Limited cyber security resources to the majority of our small businesses
- Experienced cyber security skill sets are lacking for most organizations
- Limited cyber security operational assets that are scalable
- Critical Infrastructure at risk but unquantified in some sectors
- Recent Cyber Security Law to improve Information Sharing

Approach

- Policy vs. Operational Capability
- Federated Approach
 - Team with existing organizations and entities
- Information Sharing
- Awareness, Education, Training
 - Collaborative Calendar
 - Inventory of Events
- Support Incident Response Capabilities
 - Partnership with Colorado National Guard Computer Protection Team
 - Support in testing Cyber Incident Response Capabilities with Cyber Exercises (Regis University, Colorado National Guard, State of Colorado, City of Denver)

Subcommittee Support of HSAC

- Cyber Security Support
 - Case Studies
 - Cyber Threat Briefs
 - CIP Gap Analysis
 - Policy Review and Input
 - Position Papers
 - Information Papers
 - Collaboration and Coordination

Current Items of Interest

- Cybersecurity Information Sharing Act (CISA) signed into law December 18th 2015 by the President.
 - The law allows the sharing of information between the U.S. government and technology and manufacturing companies
 - Opponents cite privacy concerns
- Broadcastify.com – Tactical communications on the internet
 - Reportedly (open source) controllers were used in Mumbai and Paris

Round Table



Subcommittee Members

CGS State OIT, Director IT Governance and Security	Harley Rinerson	Chair
CBI	Trace Ridpath Director Mike Rankin	Vice Chair Member
City of Denver	Stephen Coury, Chief Information Security Officer	Member
Regis University	Shari Plantz-Masters, Academic Dean College of Computer and Information Sciences	Member
Optiv, VP of Internal Security	Jonathon Trull	Member
DHSEM, Infrastructure Protection Program Manager	Jory Maes	Member
Coalfire Systems, Managing Director	Greg Miller	Member
CO Army National Guard	LT COL Isaac Martinez	Member (non voting)
FBI Denver	Scott Schons	Member (non voting)
DHS Infrastructure Protection	Josephe O'Keefe	Member (non voting)
DHS Intelligence and Analysis, Intelligence Officer	Timothy Grenis	Member (non voting)