

Bay Area UASI

“Opportunities to Enhance Cybersecurity in the Bay Area”

Approval Authority Meeting

Agenda Item 7

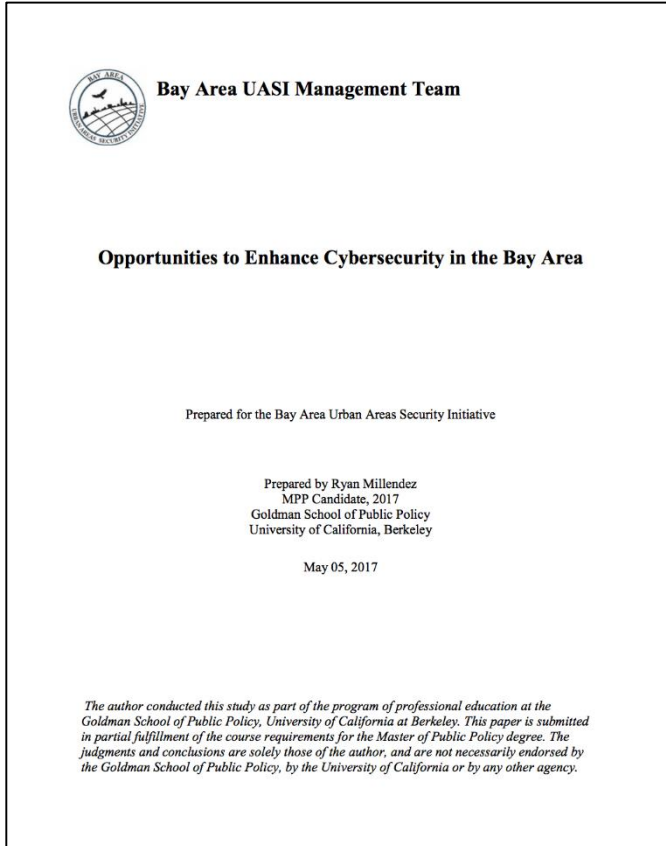
August 10, 2017

Corey Reynolds, Regional Project Manager





Background



Ryan Millendez, MPP

Goldman School of Public Policy
University of California, Berkeley

January – May 2017

- Provides a basic framework for considering cybersecurity initiatives to pursue in the Bay Area
- Delivers an initial set of potential cybersecurity program options
- Provides external examples of municipal and region cybersecurity initiatives



Context

FY18 Regional Risk and Gap Report

Risk & Gap	Core Capability	Risk Relevance	Level of Ability	Gap Level
1	Infrastructure Systems	6	17%	Needs Extra Attention
2	Screening, Search, and Detection	4	29%	Needs Extra Attention
3	Supply Chain Security and Integrity	12	29%	Needs Extra Attention
4	Access Control and Identity Verification	20	25%	Needs Attention
5	Cyber Security	1	41%	Needs Attention
6	Mass Care Services	15	38%	Needs Attention
7	Physical Protective Measures	17	35%	Needs Attention
8	Critical Transportation	22	30%	Needs Attention
9	Public Information and Warning	3	46%	Needs Attention
10	Forensics and Attribution	5	47%	Needs Attention
11	Interdiction and Disruption	8	53%	Needs Attention
12	Operational Communications	10	55%	Needs Attention
13	Community Resilience	16	53%	Needs Attention
14	Environmental Response, Health and Safety	21	46%	Needs Attention
15	Logistics and Supply Chain Management	27	23%	Needs Attention
16	Situational Assessment	23	47%	Sustain
17	Natural and Cultural Resources	29	25%	Sustain
18	Health and Social Services	32	18%	Sustain
19	Intelligence and Information Sharing	7	69%	Sustain
20	Fire Management and Suppression	18	59%	Sustain
21	Mass Search and Rescue	9	70%	Sustain
22	Fatality Management Services	24	52%	Sustain
23	On-Scene Security and Protection	2	73%	Sustain
24	Risk and Disaster Resilience Assessment	11	75%	Sustain
25	Planning	15	72%	Sustain
26	Long-Term Vulnerability Reduction	30	33%	Sustain
27	Risk Management - Protection Program & Activities	14	78%	Sustain
28	Housing	26	44%	Sustain
29	Economic and Community Recovery	28	40%	Sustain
30	Threat and Hazard Identification	13	90%	Sustain
31	Public Health and Medical Services	25	58%	Sustain
32	Operational Coordination	31	75%	Sustain



Lines of Effort

1. Organizational Planning and Resilience
2. Information Sharing
3. Technology Procurement and Development
4. Workforce Development
5. Engagement with the Private Sector and General Public



Next Steps

- Establish a regular, formal “Cyber Resilience Workgroup”
 - Build cooperative relationships between information technology, emergency management, and law enforcement sectors and between jurisdictions
 - **Kickoff Meeting: August 31, 10am-12pm**
- Strategic planning for new initiatives that takes into account workgroup input, findings of analysis, and other successful regional programs
- Continue supporting successful and popular NCRIC programs
 - Training
 - Information Sharing

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Questions?

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