



Empower Public Safety, Together SM

Cybersecurity Resource Catalog

Cybersecurity Working Group

www.theindustryCouncil.org

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Foreword

Now more than ever, the world's citizens need the technologies and innovation embodied in the emergency response technology, software, and communications industries. The Industry Council for Emergency Response Technologies, Inc. (iCERT) is proud of its history since 2005 as the exclusive trade association representative for emergency response technology hardware, software, and services providers.

iCERT's priorities include:

- 1) Advocating for **more and new** public safety technology funding at all levels of government;
- 2) Growing members' organic revenue, partnerships, and total market share with exclusive and unique iCERT **business-to-business** internal opportunities;
- 3) Advancing broadband for public safety in conjunction with next generation IP-based emergency calling, text, and multimedia communications;
- 4) Promoting understanding and adoption of advanced technologies in all public safety sectors - NG911, Artificial Intelligence, Big Data, Location Technologies, Communications Networks, CAD, Cloud-Based Systems, LTE, LMR, Recording, Dispatch, and Cybersecurity (to name a few); and
- 5) Ensuring that issues that unfairly burden or impede the introduction of new public safety / response technologies to the marketplace are explained and accommodated before decisions are made by federal, state, and local regulators.

One of the ways iCERT accomplishes these goals is through cooperative member-driven efforts, such as this paper, which capture leading edge experiences and best practices that provide both educational and practical benefits to readers and practitioners

iCERT members know that history has repeatedly proven business leaders' expertise can assist public policymakers and government emergency communications professionals as they address complex choices regarding the installation, use, and maintenance of advanced communications, public safety, and related technologies. iCERT uses the trade association format to refine this process so that our members maximize their potential both as individuals and as organizations to achieve their desired objectives.

On behalf of iCERT's members and the emergency response technology industry, thank you for reviewing this information, and we hope that it is of benefit. Comments and questions are always welcome. Thank you.

Kim Robert Scovill
Executive Director
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To learn more, or to join iCERT, go to www.theindustrycouncil.org.
Contact iCERT at executivedirector@theindustrycouncil.org

Contributors

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Preface

This catalog was created by the iCERT Cybersecurity Working Group as a resource to the iCERT membership and the public safety community. The table below highlights valuable content created outside of iCERT but relevant to iCERT members and their customers. One of the intents of the Cybersecurity Working Group is to continually assess third party cybersecurity content to validate its usefulness to our constituents and update this document accordingly. We welcome all suggestions for additional content to be assessed.

Definitions of Headings shown below the matrix.

Latest Rev	Target Audience	Compliance	Assessments	Informational	Recovery	Operational	Strategy	Guidelines	Name	Publishing Agency	Type of Agency	Link
16-Sep-20	Public Safety /PSAPs		X	X	X	X	X	X	CSRIC VII Report on Security Risk and Best Practices for Mitigation in 911 Legacy, Transition and NG 911 Implementations. (September 16, 2020) [NOTE: This link downloads the .docx file aka: Report#2 from WG-4.]	FCC	Federal Advisory Committee	https://www.fcc.gov/files/csric7reportsecurityrisk-bestpracticesmitigation-legacytransitionalng911.pdf
05-Nov-18	Public Safety /PSAPs		X						NG911 Institute (video)	NG911 Institute	NG911 Advocacy Body	https://youtu.be/9d9U7UIHCA
02-Jul-05	Public Safety /PSAPs	X	X	X	X	X	X	X	NENA Security for NG9-1-1 (NG-SEC) WG	NENA	Industry Association/ANSI Accredited Standards Development Org	to be provided by tpb upon publication
Current	Public Safety	X	X					X	Cybersecurity and Communications Reliability Division, Public Safety and Homeland Security Bureau	FCC	Federal Regulatory Body	https://www.fcc.gov/cybersecurity-and-communications-reliability-division-public-safety-and-homeland-security-bureau
Current	Public Safety		X	X	X	X	X	X	Communications Security, Reliability, and Interoperability Council [Main page]	FCC	Federal Advisory Committee	https://www.fcc.gov/about-fcc/advisory-committees/communications-security-reliability-and-interoperability-council-0
10-Mar-21	Public Safety		X	X	X	X	X	X	CSRIC VII Report Measuring Risk Magnitude and Remediation Cost in 911 and NG911 Networks (March 10, 2021) [NOTE: This link downloads the .docx file aka: Report#3 from WG-4.]	FCC	Federal Advisory Committee	https://www.fcc.gov/file/20607/download
Current	Public Safety		X					X	SAFECOM (managed by the Cybersecurity and Infrastructure Security Agency (CISA)) Main Page	DHS	Federal Advisory Committee	https://www.cisa.gov/safecom
19-Feb-16	PSAPs		X		X	X	X	X	Task Force for Optimal PSAP Architecture	FCC	Federal Advisory Committee	https://www.fcc.gov/document/fcc-releases-tfopa-final-report
Current	DoD, other Federal	X	X	X		X		X	Office of the Under Secretary of Defense for Acquisition & Sustainment CMMC Model and Assessment Guides	DOD	Federal Policy	https://www.acq.osd.mil/cmmc/draft.html
Current	All	X	X	X	X	X	X	X	Center for Internet Security	CIS	Independent Non-Profit	https://www.cisecurity.org/
Current	All	X	X	X	X	X	X	X	Cybersecurity and Infrastructure Security Agency (CISA) "NG911 Transition Focus"	DHS	Federal Policy Body	www.cisa.gov/safecom/next-generation-911
01-Dec-16	All		X		X	X	X	X	NIST - Guide for Cybersecurity Event Recovery	NIST/Department of Commerce	ANSI Accredited Standards Development Org	https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-184.pdf
Current	All	X	X	X	X	X	X	X	NIST - CSF	NIST/Dept of Commerce	ANSI Accredited Standards Development Org	https://www.nist.gov/cyberframework
Current	All		X					X	The National 911 Program - Cybersecurity	DoT/DoC	Federal Office	https://www.911.gov/issue_cybersecurity.html

Definitions of Headings

Latest Rev	Date of latest release or Current if Website
Target Audience	Audience the information is primarily intended
Compliance	Information assists in reaching a level of compliance
Assessments	Information assists the target audience in Gap analysis
Informational	For information only
Recovery	Information suggests recourse options
Operational	Information suggests operational areas for increased security posture
Strategy	Information assists in formulating a security strategy
Guidelines	Information provides guidelines for an increased security posture

"Current" Information on website updates regularly