

# CYBERSECURITY REGULATION DEVELOPMENT AND DISSEMINATION DEFICIENCIES HARMING ORGANIZATIONAL CYBERSECURITY OUTCOMES

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# BACKGROUND



- The increasingly hostile and dangerous digital landscape is resulting in frequent and severe cyberattacks in virtually every industry and context.
- A byproduct of this trend is mounting pressure on policymakers to intervene and thereby reduce cyber risk, protect vast oceans of data, ensure consumer privacy, and at a more macro level, shore up national security.
- Policymakers' response to this pressure often takes the form of cybersecurity regulations – mandates imposed on organizations requiring their compliance with prescriptive cyber behaviors enforced through accompanying punitive measures levied for noncompliance.
- However, researchers have yet to conclusively understand the nuances and effects of cybersecurity regulation development, dissemination, and organizational response.
- In this research, we explore a subset of this problem space: the potential deficiencies of cybersecurity regulation development and dissemination.

### **RESEARCH QUESTION**

RQ: What deficiencies in cybersecurity regulation development and dissemination harm organizational cybersecurity outcomes?

#### METHODOLOGY

#### **GROUNDED THEORY METHOD (GTM)**

"...the identification of useful theoretical conceptualizations based on a rigorous, systematic and comprehensive approach to data collection and analysis" (Fernandez and Lehmann 2005) // (Urguhart and Fernandez 2013, p. 225)

"...to discover what is going on, rather than assuming what should go on."  $_{\mbox{(Glaser 1978, p. 159)}}$ 



## PARTICIPANTS

Number	Industry	Job Title	Interview Duration (min)	Transcribed Pages
1	Financial Services	CISO	63	15
2	Financial Services	Division Chief	62	16
3	Academia	Researcher	61	16
4	Cybersecurity	Cybersecurity Specialist	55	14
5	Cloud Computing	CTO / CISO	61	15
6	Technology	Client Director	60	17
7	Healthcare	Deputy CISO	62	18
8	Financial Services	CISO	54	12
9	Industrial Control Systems	Senior Director of Strategy	58	12
10	Financial Services	CISO	58	14
11	Consulting	Executive VP	59	16
12	Insurance	CEO	51	15
13	Technology	CISO	55	13
14	Home Automation (Regulator)	Management Consultant	50	12
15	Technology	Director of Engineering Compliance	60	14
16	Cybersecurity	Product Manager	35	16
17	Education	Product Manager	58	17
18	Technology	Manager of International Standards	65	17
19	Financial Services	Senior Vice President	55	15
20	Energy (Regulator)	Chief Regulatory Engineer	60	11
21	Government	Principal Engineer	57	14
22	Industrial	Senior Research Analyst	53	16

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### **RESULTS & KEY TAKEAWAYS**



#### CAN YOU HELP US WITH THIS RESEARCH?

PLEASE CONTACT US IF YOU CAN HELP US GET ACCESS TO INTERVIEW EXECUTIVES AND BOARD MEMBERS.

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