CONTENTS

List of Figures	vii
Preface	ix
Building a Secure and Sustainable Cyberspace Ecosystem: An Overview D. Frank Hsu	
	1
Part I Technology	
Improving Cyber Security	
$Ruby\ B.\ Lee$	37
Practical Vulnerabilities of the Tor Anonymity Network Paul Syverson	60
Defending Software Systems against Cyber Attacks	
throughout Their Lifecycle Hira Agrawal, Thomas F. Bowen, and Sanjai Narain	74
Improve Availability of Networks: Internet Exchange	
Points and Their Role in Cyberspace	
Akio Sugeno	90
Part II Operations	
Tor: Uses and Limitations of Online Anonymity	
Andrew Lewman	109
Authoritative Data Sources: Cyber Security	
Intelligence Perspectives	
Kuan-Tsae Huang and Hwai-Jan Wu	I2I

The Evolving Consu- Creating an Effective	imer Online Threat Landscape: e Response	
Adam Palmer		139
Partners in Cybercri Eileen Monsma, Vind Paul Nieuwbeerta	me cent Buskens, Melvin Soudijn, and	140
Part III Experiences		
	cks Incorporating Medical Devices: and Compliance in Health Care	T 7
		1/3
Computer Forensics Kevin Kelly	from a Law Enforcement Perspective	188
Computer Crime Inc Private Sector Edward M. Stroz	cidents and Responses in the	200
	logy for a Safe and Secure ward a Cyber-Physical Solution	207
Part IV Partnership,	Policy, and Sustainability	
	erships Changing the World and Dyann Bradbury	22]
Cyber Security: Prot Preet Bharara	tecting Our Cyber Citizens	220
Cyber Security: Safe Robert S. Mueller III	guarding Our Cyberspace	235
Cyber Security: Security: Howard A. Schmidt	uring Our Cyber Ecosystem	24
List of Contributors		24
Index		25]