Contents

1	Introduction: Terrorism as a Threat to Open Societies			
	1.1	Constructing Threats: Crime, Organized Crime, and Terrorism		
	1.2	Bottomless Barrels and Moving Targets: The Need		
		for Proper Risk Management		
	1.3	'Agency of Things': Putting the 'Critical' into Critical		
		Infrastructure Protection		
	1.4	Predicting Terrorism of the Future – A Caveat		
	1.5	The Road Ahead: Overview		
Pai	rt I	Barbarians at the Gates: 'Sinful' Cities		
2	Act	ions: The Return of Urban Guerrillas		
	2.1	Propaganda by the Deed in Action: Terrorists' Weapons		
	2.2	and Tactics		
	2.3	Cities as Targets: Mumbai, Paris and Brussels		
	2.4	Urban Guerrillas: Marighella Revisited		
		Beyond Marighella: Modern Urban Guerrilla Warfare		
3	Reactions: The New (Para-) Military Urbanism			
	3.1	Cities Under Threat: Protecting our Open Societies 41		
	3.2	How to Respond: The Criminal Justice Model		
		and the War Model		
	3.3	The New (Para-) Military Urbanism: Lessons		
		from Ben Tre, Grozny and Fallujah 50		
	3.4	The Law: Liberal Democracies and the Limits of Response		
4	Con	sequences: The Urban Space as a (Limited) Battlespace 57		
	4.1	Terrorist Actions		
	4.2	Counter-Terrorist Reactions		
	4.3	Academic Reactions		
	4.4	Looking for a Silver Bullet		

vi

Part II	Our Technology Will Win – The Role of Technology in Urban Counter-Terrorism
	D LTD (WILL LAW)

5	Iden	tification: Biometrics, or a Real-Time 'Who Is Who' 67		
	5.1	Facial Recognition and Iris-Scans: The Proverbial 'Eyes		
		of the Beholder'		
	5.2	Fingerprints: Tented Arches, Plain Arches		
		and the Central Pocket Loop		
	5.3	From Voice to Gait: Other Forms of Biometrics		
	5.4	Towards Multimodal-Based Biometric Systems: Evaluation 78		
6	Prediction and Postdiction: Real-Time Data Mining			
	and	Data Analytics		
	6.1	'Inspector Computer': Computerized Databases		
		as Invaluable Tools for the Police		
	6.2	Digital Footprints, Big Data and Data-Mining:		
		The Current Situation		
	6.3	Anti-Terrorism Data-Mining and Acquisition: The (Current) Cutting Edge of Policing		
	6.1	Evaluation: Data-Mining and Civil Liberties		
	6.4			
7	Dete	ection: Scanning and 'Sniffing' Technologies		
	7.1	Metal Scanners: About Portals and Wands		
	7.2	Full-Body Scanners: 'Looking Good Naked'		
	7.0	in a Different Context		
	7.3	Explosives Detection Systems: Looking for Homemade Explosives		
	7.4	Sniffers: Tell-Tales of (Impending) Disaster		
	7.4			
8	Sur	veillance and Observation: The All-Seeing Eyes		
		Sig Brother		
	8.1			
	8.2	Smart CCTV: Detecting More than What Meets the Eyes		
		Augmented Reality: Towards <i>Minority Report</i> -Style Policing 123		
	8.4	Smart Security: The (Near) Future		
9	Protection: Defensible Spaces			
	9.1	City Walls: The Re-Emergence of an Age-Old Concept		
	9.2	Citadels: Hardening Key Assets Against Terrorist Attacks 136		
	9.3	More Citadels: Hardening Residential Communities		
	9.4	Barricades: Hardening the Cityscape		
10	Thi	reat Displacement Instead of Threat Eradication:		
	Son	ne Concluding Caveats		

Part III		Brave New Cities: The Law of Unintended Consequences			
11	The	Quest for Silver Bullets: Implications for Our Construction			
	11.1 11.2	The 'Agency of Things' and the 'Internet of Things': Reprise			
	11.3	Some Comments on Citizenship			
12	Arch	ipelagos of Fear: CT Technology and the Securitisation			
	12.1	Peryday Life			
	12.2	Security as a 'Culture of the Absurd': Bubble Laws,			
	12.3	Protected Zones, and Totally Protected Zones			
		to 'Archipelagos of Fear'			
13	Unde 13.1	'Dragonfly Eyes' or 'Keeping Trust is Glorious': The 'Braye New World' Chinese Version 169			
	13.2 13.3	The 'Brave New World', Chinese Version			
14	D				
14	14.1 14.2	Big Brothers Are Watching You: Going Beyond Orwell			
	14.3	into (Quasi) Nation-States			
15	Outlook: The Need for 'Critical' Critical Infrastructure				
		ction Studies			
	15.1	'Feigning Control Over the Uncontrollable': Conventional CIP			
	15.2 15.3	Ricocheting Silver Bullets: Arguments for a Critical CIP 193 'Muscle-Bound Experts in Coordinated Terrorism':			
		An Avoidable Future?			
Gen	eral Bi	ibliography			
Index					