



Cyber Security and Policy

A substantive dialogue

ANDREW COLARIK, JULIAN JANG-JACCARD AND ANURADHA MATHRANI (EDITORS)



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WELCOME TO CYBERSPACE; WHERE ALL YOUR COMPUTING AND CONNECTION NEEDS ARE ON DEMAND — AND WHERE SECURITY THREATS HAVE NEVER BEEN MORE MASSIVE

A world without the advantages and convenience provided by cyberspace and the internet of things is now unimaginable. But do we truly grasp the threats to this massive, interconnected system? And do we really understand how to secure it? After all, cyber security is no longer just a technology problem; the effort to secure systems and society are now one and the same.

This book discusses cyber security and cyber policy in an effort to improve the use and acceptance of security services. It argues that a substantive dialogue around cyberspace, cyber security and cyber policy is critical to a better understanding of the serious security issues we face.

ABOUT THE EDITORS

Dr Andrew Colarik is a senior lecturer at Massey University's Centre for Defence and Security Studies. He has published multiple security books and publications in the areas of cyber terrorism, cyber warfare and cyber security. **Dr Julian Jang-Jaccard** is an associate professor in the College of Science at Massey University. She is an experienced IT professional whose career has spanned over 20 years across industries, universities and a top government research agency. **Dr Anuradha Mathrani** is a senior lecturer in Information Technology at the Institute of Natural and Mathematical Sciences at Massey University. Her research interests include software assessment and governance methods, quality and reliability measurements, distributed software architectures, application lifecycle management, and technology enhanced teaching/learning practices.

SALES POINTS

- Highly relevant and topical
- Urgent and important, with expert views on a range of key issues
- Offers a platform for future policy-making
- Topics include: Online service authentication; emerging cyber security threats in cloud computing and big data infrastructure; revenue fraud in e-commerce platforms; using complex systems analytics to detect and understand crime; cyber counterintelligence; the concept of neutrality and how it is applied in cyberspace in times of war; the internet of things and its cybersecurity challenges and policy solutions; the role of cryptography in providing information security; failures of public and private sector cyber security regulation; globalisation and the rise of the 'jihadist virtual network'; and Edward Snowden and the GCSB.