

PREMIER REFERENCE SOURCE

ICT Ethics and Security in the 21st Century

New Developments and Applications



Marian Quigley

Table of Contents

Foreword..... xiii

Preface..... xv

Acknowledgment..... xx

Section 1
Online Ethics

Chapter 1

Understanding Trust in Virtual Communities: Revisited..... 1

Qing Zou, McGill University, Canada

Eun G. Park, McGill University, Canada

Chapter 2

Social Networks and Students’ Ethical Behavior 27

Lori N. K. Leonard, University of Tulsa, USA

Tracy S. Manly, University of Tulsa, USA

Chapter 3

The Ethics of Security of Personal Information upon Facebook..... 46

Shona Leitch, Deakin University, Australia

Matthew Warren, Deakin University, Australia

Chapter 4

Copyright and Ethical Issues in Emerging Models for the Digital Media Reporting of Sports
News in Australia 66

Mary Wyburn, University of Sydney, Australia

Section 2

Ethical Concerns in the Handling and Delivery of Health and Safety Information

Chapter 5

- The Protocols of Privileged Information Handling in an E-Health Context: Australia..... 87
Juanita Fernando, Monash University, Australia

Chapter 6

- The Changing World of ICT and Health: Crossing the Digital Divide..... 111
Prajesh Chhanabhai, University of Otago, New Zealand
Alec Holt, University of Otago, New Zealand

Chapter 7

- The Socio-Ethical Considerations Surrounding Government Mandated Location-Based Services during Emergencies: An Australian Case Study..... 129
Anas Aloudat, University of Wollongong, Australia
Katina Michael, University of Wollongong, Australia

Section 3

Ethics and Security in Organisations

Chapter 8

- Monitoring Employee Actions in the Workplace: Good Business Practice or Unethical Behaviour? 156
Cliona McParland, Dublin City University, Ireland
Regina Connolly, Dublin City University, Ireland

Chapter 9

- Policy and Issues in Deploying Automated Plagiarism Detection Systems in Academic Communities: A Case Study of VeriGuide..... 172
Chi Hong Cheong, The Chinese University of Hong Kong, Hong Kong
Tak Pang Lau, The Chinese University of Hong Kong, Hong Kong
Irwin King, The Chinese University of Hong Kong, Hong Kong

Chapter 10

- Security Technologies and Policies in Organisations 196
Nickolas J. G. Falkner, The University of Adelaide, Australia

Chapter 11

- Critical Infrastructure Protection: An Ethical Choice..... 214
Graeme Pye, Deakin University, Australia
Matthew Warren, Deakin University, Australia
William Hutchinson, Edith Cowan University, Australia

Chapter 12

Effective Infrastructure Protection through Virtualization	231
--	-----

Dennis C. Guster, St. Cloud State University, USA

Olivia F. Lee, St. Cloud State University, USA

Chapter 13

Firewall Rulebase Management: Tools and Techniques	254
--	-----

Michael J. Chapple, University of Notre Dame, USA

Aaron Striegel, University of Notre Dame, USA

Charles R. Crowell, University of Notre Dame, USA

Chapter 14

Integration of COBIT, Balanced Scorecard and SSE-CMM as an Organizational & Strategic Information Security Management (ISM) Framework	277
--	-----

James E. Goldman, Purdue University, USA

Suchit Ahuja, Purdue University, USA

Compilation of References	310
--	------------

About the Contributors	343
-------------------------------------	------------

Index.....	350
-------------------	------------