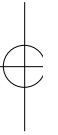


**COMPUTER CRIME,  
INFORMATION WARFARE,  
AND  
ECONOMIC ESPIONAGE**



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**David J. Loundy**

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# Contents

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Table of Cases	xi
Preface	xiii
<b>Chapter 1 Introduction</b>	<b>3</b>
Ira S. Winkler, <i>Information Security Is Information Security</i>	3
<b>Chapter 2 Computer Intrusions and Attacks</b>	<b>9</b>
NIST Information Technology Laboratory, <i>Computer Attacks: What They Are and How to Defend Against Them</i>	10
Notes	15
The PEOPLE of the State of California v. Jeffrey LAWTON	16
Notes	19
The STATE of Washington v. Laurence M. OLSON	19
Notes	23
STATE of New Mexico v. Donald Morris ROWELL, a/k/a Jimmie Carrol Rowell	24
Notes	28
The PEOPLE of the State of New York v. Robert VERSAGGI	29
Notes	32
The PEOPLE of the State of New York v. Daniel ANGELES	33
Notes	35
EBAY, INC. v. BIDDER'S EDGE, INC.	36
Notes	48
<b>Chapter 3 Computer Viruses, Time Bombs, Trojans, and Malicious Code</b>	<b>55</b>
UNITED STATES v. Robert Tappan MORRIS	56
Notes	61
STATE of Wisconsin v. Brian P. CORCORAN	62
Notes	69
WERNER, ZAROFF, SLOTNICK, STERN & ASKENAZY v. Donald R. LEWIS	69
NORTH TEXAS PREVENTIVE IMAGING, L.L.C. v. Harvey EISENBERG M.D. et al.	72
Notes	80
Leslie Richard MAHRU v. The SUPERIOR COURT of Los Angeles County and the People of the State of California	80
Notes	83
Ethan SHAW and Clive D. Moon v. TOSHIBA AMERICA INFORMATION SYSTEMS, INC., NEC Electronics, Inc., Toshiba Corporation, Toshiba America, Inc., and Toshiba America Electronic Components, Inc.	83
Notes	95

<b>Chapter 4 Theft of Service</b>	97
The PEOPLE of the State of New York v. James TANSEY and Vernon Smith	97
Notes	104
STATE of Indiana v. Michael McGRAW	106
Notes	110
UNITED STATES v. Dennis Richard ASHE and David Daugherty	110
Notes	114
AMERICAN TELEPHONE AND TELEGRAPH COMPANY v. THE NEW YORK CITY HUMAN RESOURCES ADMINISTRATION and the City of New York	115
THE CITY OF NEW YORK v. NORTHERN TELECOM, INC.	115
Notes	130
<b>Chapter 5 Interception of Electronic Communications</b>	131
STEVE JACKSON GAMES, et al. v. UNITED STATES SECRET SERVICE, et al.	132
Notes	137
UNITED STATES v. Bertram E. SEIDLITZ	140
Notes	146
John BOHACH and Jon Catalano v. The CITY OF RENO, Jim Weston, Kim Gibson and Robert McDonald	148
Notes	152
SHERMAN & COMPANY v. SALTON MAXIM HOUSEWARES, INC.	153
Notes	157
<b>Chapter 6 Search &amp; Seizure</b>	159
Pat Magierski, <i>Trojan Horses Carrying Magic Lanterns? A Primer on         Internet Interception Technologies</i>	159
Charles KATZ v. UNITED STATES	166
Danny Lee KYLLO v. UNITED STATES	178
Note	189
UNITED STATES v. Artem Bautista DAVID	189
Notes	195
UNITED STATES v. Vasiliy Vyacheslavovich GORSHKOV, a/k/a Vassili Gorchkov, a/k/a “kvakin”	200
Note	205
UNITED STATES v. Nicodemo S. SCARFO, et al.	205
Note	213
Notra TRULOCK, III and Linda Conrad v. Louis J. FREEH, et al.	213
Notes	228
<b>Chapter 7 Online Fraud</b>	231
Prepared Statement of the Federal Trade Commission on “Internet Fraud”	231
Notes	242
The PEOPLE of the State of New York v. Kevin Jay LIPSITZ, individually and d/b/a Collegetown Magazine Subscription Services, d/b/a Krazy Kevin’s Magazine Club, d/b/a Magazine Club Inquiry Center and d/b/a TemptingTear-outs	243
COMMONWEALTH of Pennsylvania v. Michael MURGALLIS	248
Notes	251

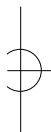
PEOPLE of the State of Michigan v. Carolyn JEMISON	251
Notes	253
U.S. Department of Transportation Consent Order 95-11-37, Served on Virgin Atlantic Airways, Ltd.	255
Note	257
UNITED STATES v. Brenton Neil MULLINS UNITED STATES v. Phillip Ross RINKER; UNITED STATES v. James Robert WINKLEMAN	257
Note	261
Wired News Report, <i>Internic Poser to Pay Up</i>	263
Notes	264
The PEOPLE of the State of California v. Lelas Charles GENTRY	266
Notes	271
SECURITIES AND EXCHANGE COMMISSION v. Danny O. CHERIF and Khaled Sanchou	272
Jonathan Rusch, <i>Investment Fraud</i>	279
<b>Chapter 8 Online Stalking and Criminal Threats</b>	283
The Attorney General, 1999 REPORT ON CYBERSTALKING: A NEW CHALLENGE FOR LAW ENFORCEMENT AND INDUSTRY	283
Notes	302
Lewis Z. Koch, <i>Cyberstalking Hype</i>	303
Notes	305
CITY OF DAYTON, State of Ohio v. Gilbert A. DAVIS	306
Notes	309
The PEOPLE of the State of New York v. Darren S. KOCHANOWSKI	310
Notes	312
UNITED STATES v. Jake BAKER and Arthur Gonda	312
UNITED STATES v. Abraham Jacob ALKHABAZ, a/k/a Jake Baker	323
<b>Chapter 9 Identity Theft</b>	335
CITY OF LIBERAL, State of Kansas v. Juan VARGAS	336
Notes	338
STATE of Wisconsin v. Alfredo RAMIREZ	338
Notes	342
<b>Chapter 10 Employees, Policies, &amp; Risk Management</b>	345
Anonymous, <i>Social Engineering: Examples and Countermeasures from         the Real-World</i>	345
Note	350
FEDERAL TRADE COMMISSION, Plaintiff, v. JAMES J. RAPP and REGANA L. RAPP, individually and doing business as TOUCH TONE INFORMATION, INC., Defendants	351
Note	354
NIST Information Technology Laboratory, <i>People: An Important Asset         in Computer Security</i>	354
Joan S. Hash, <i>Risk Management Guidance for Information Technology Systems</i>	359
NIST Information Technology Laboratory, <i>An Introduction to Role-Based         Access Control</i>	366

<b>Chapter 11 Infrastructure Security</b>	371
The Clinton Administration’s Policy on Critical Infrastructure Protection: Presidential Decision Directive 63	371
Notes	382
Ricardo Sametband, <i>Crooks Cause Chilean Car Chaos</i>	383
NIST Information Technology Laboratory, <i>Preparing for Contingencies         and Disasters</i>	384
Notes	390
Application Service Providers: Outsourced Critical Infrastructure?	391
Lawrence K. Gershwin, <i>Statement for the Record for the Joint Economic         Committee, Cyber Threat Trends and US Network Security</i>	392
Notes	399
<b>Chapter 12 Technical Means of Protecting Information</b>	401
STATE of Arizona v. Danny Arthur MORAN	402
Notes	406
NIST Information Technology Laboratory, <i>Audit Trails</i>	406
Notes	412
IN THE MATTER OF ZIFF DAVIS MEDIA INC.	413
Notes	420
Network Associates, Inc., <i>The Basics of Cryptography</i>	421
Notes	440
Erik Bowman, <i>Everything You Need to Know About Biometrics</i>	440
Notes	447
<b>Chapter 13 Hactivism</b>	449
Dorothy E. Denning, <i>Activism, Hactivism and Cyberterrorism:         The Internet as a Tool for Influencing Foreign Policy</i>	449
<b>Chapter 14 Trade Secret Theft</b>	479
UNITED STATES v. Said FARRAJ a/k/a “FlyGuyNYt” and Yeazid Farraj	479
Notes	483
R. Mark Halligan, <i>Trade Secrets and the Information Age</i>	484
STAMPEDE TOOL WAREHOUSE, INC. v. Mark MAY, Fred Moshier, and Salvatore Prestigiacomo	486
Notes	494
FORD MOTOR COMPANY v. Robert LANE d/b/a Warner Publications	494
Notes	502
ROCKWELL GRAPHIC SYSTEMS, INC. v. DEV INDUSTRIES, INC., Press Machinery Corporation, and Robert Fleck	503
Notes	508
VERMONT MICROSYSTEMS, INC. v. AUTODESK, INC.	509
Note	518
PEPSICO, INC. v. William E. REDMOND, Jr. and The Quaker Oats Company	518
EARTHWEB, INC. v. Mark SCHLACK	527
Notes	541



<b>Chapter 15 Economic Espionage</b>	543
ECONOMIC ESPIONAGE ACT OF 1996	543
UNITED STATES v. David T. KRUMREI	551
UNITED STATES v. Kai-Lo HSU, a/k/a James Hsu;	
UNITED STATES v. Chester S. HO	555
Notes	571
UNITED STATES v. Stephen R. MARTIN	572
Note	583
The Office of the National Counterintelligence Executive, <i>Annual Report to Congress on Foreign Economic Collection and Industrial Espionage 2001</i>	584
<b>Chapter 16 National Security</b>	591
Office of the Deputy Chief of Staff, Intelligence & Security, U.S. Army, <i>Employees' Guide to Security Responsibilities</i> (Excerpts)	591
Notes	598
Frank W. SNEPP III v. UNITED STATES	600
Notes	609
Statement of the Director of Central Intelligence on the Clandestine Services and the Damage Caused by Aldrich Ames	610
UNITED STATES v. Edmund C. HEINE	617
Harriet Ann PHILLIPPI v. CENTRAL INTELLIGENCE AGENCY, Stansfield Turner, Director Central Intelligence Agency	621
Notes	628
UNITED STATES v. Gabriel MEGAHEY et al.	631
Notes	649
IN RE ALL MATTERS SUBMITTED TO THE FOREIGN INTELLIGENCE SURVEILLANCE COURT	650
Notes	663
American Civil Liberties Union, <i>Answers to Frequently Asked Questions (FAQ) about Echelon</i>	664
Lt. Cdr. J. Todd Black, U.S.N., <i>Commercial Satellites: Future Threats or Allies?</i>	670
Notes	681
<b>Chapter 17 International Aspects of Computer Crime</b>	685
United Nations Manual on the Prevention and Control of Computer-Related Crime, <i>International Review of Criminal Policy</i>	685
Susan W. Brenner & Joseph J. Schwerha IV, <i>Transnational Evidence Gathering and Local Prosecution of International Cybercrime</i>	727
<b>Appendix of Documents</b>	737
Executive Order Establishing the Office of Homeland Security and the Homeland Security Council	737
18 U.S.C.A. §1028	743
18 U.S.C. §1029	746
18 U.S.C. §1030	749
18 USCS §2510 et seq.	754
18 USCS §2701 et seq.	775
18 USC §1831 et seq.	790

Illinois Financial Identity Theft and Asset Forfeiture Law, 720 ILCS 5/16G et seq.	792
Illinois Trade Secrets Act, 765 ILCS 1065 et. seq.	795
Illinois Computer Crime Prevention Law, 720 ILCS 5/16D	797
Illinois Cyberstalking Statute, 720 ILCS § 5/12-7.5	803
Illinois Harassment Through Electronic Communications Statute, 720 ILCS § 135/0.01 et seq.	804
Adjudicative Guidelines for Determining Eligibility for Access to Classified Information	805
Executive Order 12333 — United States Intelligence Activities	816
CONVENTION ON CYBERCRIME	831
<b>Index</b>	<b>851</b>



---

# Table of Cases

---

- American Telephone & Telegraph v. The New York City Human Resources Administration, 115
- America Online, Inc. v. LCGM, 51
- America Online, Inc. v. National Health Care Discount, Inc, 61
- Andersen Consulting, LLP v. UOP, 152
- Australian Consumer and Competition Commission v. Internic Technology Pty, 264
- Bentzlin v. Hughes Aircraft Co., 629
- Bohach v. City of Reno, 148
- Briggs v. Maryland, 406
- City of Liberal v. Vargas, 336
- Commonwealth v. Gerulis, 23
- Commonwealth v. Murgalis, 61, 248
- CompuServe v. Cyber Promotions, 48
- Conner v. Tate, 152
- Dayton v. Davis, 306
- DiMezza v. First USA Bank, Inc., 343
- DoubleClick v. Henderson, 541
- Dowling v. United States, 253
- Earthweb v. Schlack, 527
- eBay v. Bidder's Edge, 36
- EF Cultural Travel BV v. Explorica, Inc., 53
- Federal Trade Commission v. Rapp, 351
- Ford Motor Company v. Lane, 494
- Fraser v. Nationwide Mutual Insurance Co., 139
- In Re All Matters Submitted to the Foreign Intelligence Surveillance Court, 650
- In Re America Online, Inc. Version 5.0 Software Litigation, 96
- In Re Doubleclick Inc. Privacy Litigation, 62
- In Re Virgin Atlantic Airways, 255
- In the Matter of Ziff Davis Media, Inc., 413
- Katz v. United States, 166
- Konop v. Hawaiian Airlines, 137
- Kyllo v. United States, 178
- Mahru v. The Superior Court of Los Angeles County, 80
- Military Audit Project v. Casey, 628
- Moulton v. VC3, 50, 62
- North Texas Preventative Imaging v. Eisenberg, 72
- Oyster Software, Inc. v. Forms Processing, Inc., 53
- People v. Angeles, 33
- People v. Gentry, 266
- People v. Jemison, 251
- People v. Johnson, 104
- People v. Kochanowski, 310
- People v. Lawton, 16
- People v. Lipsitz, 243
- People v. Tansey, 97
- People v. Versaggi, 29
- Pepsico v. Redmond, 518
- Phillippi v. Central Intelligence Agency, 621
- Register.com, Inc. v. Verio, Inc., 51
- Rockwell Graphic Systems v. Dev Industries, 503
- Schmidt v. Ameritech Illinois, 147
- Schowengerdt v. United States, 199
- Securities and Exchange Commission v. Cherif, 272
- Shaw v. Toshiba America Information Systems, 83
- Sherman & Company v. Salton Maxim Housewares, 153
- Snepp v. U.S., 600
- Stampede Tool Warehouse v. May, 486

State v. Corcoran, 62	United States v. Farraj, 479
State v. McGraw, 106	United States v. Gorshkov, 200
State v. Moran, 402	United States v. Heine, 617
State v. Olson, 19	United States v. Hsu, 555
State v. Ramirez, 338	United States v. Krumrei, 551
State v. Rowell, 24	United States v. LaMacchia, 253
State v. Schwartz, 105	United States v. Lee, 228
State v. Turner, 312	United States v. Martin, 572
Steve Jackson Games v. United States Secret Service, 132	United States v. McNutt, 114
Thrifty-Tel, Inc. v. Bezenek, 48	United States v. Megahey, 631
Trulock v. Freeh, 213	United States v. Middleton, 62
United States v. Abozid, 261	United States v. Morris, 56
United States v. Alkhabaz, 323	United States v. Mullins, 257
United States v. Angevine, 197	United States v. Yang, 571
United States v. Ashe, 110	United States v. Reynolds, 629
United States v. Baker, 312	United States v. Scarfo, 205
United States v. Barth, 229	United States v. Scott, 342
United States v. Blas, 152, 195	United States v. Seidlitz, 140
United States v. Butler, 197	United States v. Smith, 139
United States v. Carey, 229	Vermont Microsystems v. Autodesk, 509
United States v. Czubinski, 23	Werner, Zaroff, Slotnick, Stern & Askenazy v. Lewis, 69
United States v. David, 189	

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# Preface

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Information warfare is a growth industry. This book provides a bit of a walk through that industry. Because most information in this age begins its life in a computer as a word processor document, database, spreadsheet, or the like, much of the focus is on computer-related crime and security. Additionally, just as the growth of the Internet has provided significant advances in communication and research, so to has it enabled criminals to take old scams on-line and create new ones unique to computers and networks. Those intent on inflicting damage can now do it remotely via a computer network.

In addition to discussing the law, this book also discusses some of the core technologies that affect information protection and computer security. Those working in these areas must have some basic knowledge of the underlying technology in order to understand the threats, and understand how the law applies to the specific technology. While many of the specifics of the technology will change, and perhaps change rapidly, many of the underlying concepts will not—and these concepts are necessary for a full understanding of the applicable law.

It is my hope that this book will help the reader become a more informed participant in the information age. I hope it will help show the value of information assets, some of the threats that exist, and some of the means for protecting that value.

I would like to thank those who have helped me assemble the materials in this book, the people who have assisted me over the last several years as guest speakers in my class, and those who have provided me with their materials to include for your benefit. Specifically, Adam Hicks, Panagiota Kelali, Matthew Knorr, and Pat Magierski provided research assistance. Erik Bowman, Susan Brenner, Dorothy Denning, R. Mark Halligan, Lewis Koch, Joseph Schwerha, and Ira Winkler lent use of their existing writings. Guest speakers who over the years have helped shape my thoughts on these topics include Brian Brady, Hollister Bundy, Matt Caston, Champ Davis, David Glockner, R. Mark Halligan, Anthony Hines, Michael Jacobs, Patrick Kilroy, Lewis Koch, Rich Marshall, Mike Scher, Stan Smith, Thomas Stillman and Steve Wernikoff. Additional thanks go to Steven Aftergood, Melissa Dark, Pamela Penczak Potter, Greg Shipley and Robert Strang. I apologize in advance if I have missed anyone who deserves a mention. Finally, I would like to thank my wife, Christina King Loundy for her assistance and support over the years, and particularly on this project. Without that assistance and support, this book would not exist, and therefore, it is dedicated to her.

David J. Loundy  
*September, 2002*

