

Whitfield Diffie and Susan Landau

# PRIVACY ON THE LINE

The Politics of Wiretapping and Encryption  
UPDATED AND EXPANDED EDITION



# Privacy On The Line The Politics Of Wiretapping And Encryption

**Alexandra Rengel**



## **Privacy On The Line The Politics Of Wiretapping And Encryption:**

*Privacy on the Line* Whitfield Diffie, Susan Eva Landau, 2007 A penetrating and insightful study of privacy and security in telecommunications for a post 9 11 post Patriot Act world Telecommunication has never been perfectly secure The Cold War culture of recording devices in telephone receivers and bugged embassy offices has been succeeded by a post 9 11 world of NSA wiretaps and demands for data retention Although the 1990s battle for individual and commercial freedom to use cryptography was won growth in the use of cryptography has been slow Meanwhile regulations requiring that the computer and communication industries build spying into their systems for government convenience have increased rapidly The application of the 1994 Communications Assistance for Law Enforcement Act has expanded beyond the intent of Congress to apply to voice over Internet Protocol VoIP and other modern data services attempts are being made to require ISPs to retain their data for years in case the government wants it and data mining techniques developed for commercial marketing applications are being applied to widespread surveillance of the population In *Privacy on the Line* Whitfield Diffie and Susan Landau strip away the hype surrounding the policy debate over privacy to examine the national security law enforcement commercial and civil liberties issues They discuss the social function of privacy how it underlies a democratic society and what happens when it is lost This updated and expanded edition revises their original and prescient discussions of both policy and technology in light of recent controversies over NSA spying and other government threats to communications privacy

*Privacy on the Line*, updated and expanded edition Whitfield Diffie, Susan Landau, 2010-02-26 A penetrating and insightful study of privacy and security in telecommunications for a post 9 11 post Patriot Act world Telecommunication has never been perfectly secure The Cold War culture of recording devices in telephone receivers and bugged embassy offices has been succeeded by a post 9 11 world of NSA wiretaps and demands for data retention Although the 1990s battle for individual and commercial freedom to use cryptography was won growth in the use of cryptography has been slow Meanwhile regulations requiring that the computer and communication industries build spying into their systems for government convenience have increased rapidly The application of the 1994 Communications Assistance for Law Enforcement Act has expanded beyond the intent of Congress to apply to voice over Internet Protocol VoIP and other modern data services attempts are being made to require ISPs to retain their data for years in case the government wants it and data mining techniques developed for commercial marketing applications are being applied to widespread surveillance of the population In *Privacy on the Line* Whitfield Diffie and Susan Landau strip away the hype surrounding the policy debate over privacy to examine the national security law enforcement commercial and civil liberties issues They discuss the social function of privacy how it underlies a democratic society and what happens when it is lost This updated and expanded edition revises their original and prescient discussions of both policy and technology in light of recent controversies over NSA spying and other government threats to communications privacy

*Privacy on the Line* Whitfield Diffie, Susan Eva Landau, 1998 Telecommunication has never been

perfectly secure as a Cold War culture of wiretaps and international spying taught us Yet many of us still take our privacy for granted even as we become more reliant than ever on telephones computer networks and electronic transactions of all kinds Whitfield Diffie and Susan Landau argue that if we are to retain the privacy that characterized face to face relationships in the past we must build the means of protecting that privacy into our communication systems Diffie and Landau strip away the hype surrounding the policy debate to examine the national security law enforcement commercial and civil liberties issues They discuss the social function of privacy how it underlies a democratic society and what happens when it is lost

*Privacy's Blueprint* Woodrow Hartzog, 2018-04-09 Woodrow Hartzog develops the underpinning of a new kind of privacy law responsive to the way people actually perceive and use digital technologies Rather than permit exploitation it would demand encryption prohibit malicious interfaces that deceive users and leave them vulnerable and require safeguards against abuses of biometric surveillance Privacy Research and Best Practices National Academies of Sciences, Engineering, and Medicine, Division on Engineering and Physical Sciences, Computer Science and Telecommunications Board, Committee for a Workshop on Privacy for the Intelligence Community: Emerging Technologies, Academic and Industry Research, and Best Practices, 2016-02-24 Recent disclosures about the bulk collection of domestic phone call records and other signals intelligence programs have stimulated widespread debate about the implications of such practices for the civil liberties and privacy of Americans In the wake of these disclosures many have identified a need for the intelligence community to engage more deeply with outside privacy experts and stakeholders At the request of the Office of the Director of National Intelligence the National Academies of Sciences Engineering and Medicine convened a workshop to address the privacy implications of emerging technologies public and individual preferences and attitudes toward privacy and ethical approaches to data collection and use This report summarizes discussions between experts from academia and the private sector and from the intelligence community on private sector best practices and privacy research results

**Computerworld** , 1999-06-14 For more than 40 years Computerworld has been the leading source of technology news and information for IT influencers worldwide Computerworld's award winning Web site Computerworld.com twice monthly publication focused conference series and custom research form the hub of the world's largest global IT media network

**Encyclopedia of Privacy** Alexander J. Myers, 2006-11-30 Writing in their famous Harvard Law Review article of 1890 Louis Brandeis and Samuel Warren asserted what many have considered one of the most cherished American values the right to be let alone Yet in this post 9 11 world personal privacy is more threatened than ever This book provides students and general readers a comprehensive overview of privacy in contemporary America Included are some 225 alphabetically arranged entries written by more than 100 expert contributors Entries cover such topics as the USA PATRIOT act abortion rights wiretapping telemarketing identity theft DNA databases Internet and email privacy and numerous other concerns Entries cite works for further reading and the Encyclopedia closes with a bibliography of books websites organizations and

films New threats to privacy have arisen in the face of competing social political and economic demands rapid technological change and an intrusive and voyeuristic mass media Citizens are barraged on a daily basis with stories of corporate data mining government surveillance programs identity theft and computer hacking of personal information As a result citizens are becoming increasingly concerned about their personal privacy as well as their privacy rights This encyclopedia the first of its kind comprehensively overviews various aspects of privacy throughout U S history including significant legal cases events laws organizations individuals technology and terms With some 225 alphabetically arranged entries written by more than 100 leading scholars and experts in the field this inclusive and authoritative work will appeal to those interested in both historical and contemporary notions of privacy in the United States Readers will learn of the significance of technology in today's society its helpful and harmful effects on citizens privacy and what to expect in the future Entries cite print and electronic resources and the Encyclopedia closes with a listing of books organizations websites films and other sources of information

**The Limits Of Privacy** Amitai Etzioni, 2008-08-05 Internationally renowned communitarian leader Amitai Etzioni presents a controversial challenge to the fundamental American belief in personal privacy at all costs Privacy in the 21st Century Alexandra Rengel, 2013-10-02 In Privacy in the 21st Century Alexandra Rengel offers an assessment of the international right to privacy within both a historical and modern context The book explores the underpinnings of privacy in religion philosophy and the law The author explores the evolution of the legal concept of the right to privacy and offers a comparative law analysis of the global protections of privacy offered by individual states international agreements and recognized international legal norms The author peers into the future of privacy the technologies which affect the right to privacy and the ways in which privacy may be protected in the future within the domestic and international law contexts The author offers her insightful views on possible solutions to counteract encroachments on the right to privacy Listening In Susan Landau, 2017-11-28 A cybersecurity expert and former Google privacy analyst's urgent call to protect devices and networks against malicious hackers and misinformed policymakers New technologies have provided both incredible convenience and new threats The same kinds of digital networks that allow you to hail a ride using your smartphone let power grid operators control a country's electricity and these personal corporate and government systems are all vulnerable In Ukraine unknown hackers shut off electricity to nearly 230 000 people for six hours North Korean hackers destroyed networks at Sony Pictures in retaliation for a film that mocked Kim Jong un And Russian cyberattackers leaked Democratic National Committee emails in an attempt to sway a U S presidential election And yet despite such documented risks government agencies whose investigations and surveillance are stymied by encryption push for a weakening of protections In this accessible and riveting read Susan Landau makes a compelling case for the need to secure our data explaining how we must maintain cybersecurity in an insecure age *The Listeners* Brian Hochman, 2022-03-22 Electronic eavesdropping once provoked protest and outrage Now it is a mundane fact of life How did we get here *The Listeners* traces the spies and

scandal mongers confidence artists and security experts police and presidents who made the wiretap a defining technology of American history      *Electronic Communications Privacy Act of 2000, Digital Privacy Act of 2000, and Notice of Electronic Monitoring Act* United States. Congress. House. Committee on the Judiciary. Subcommittee on the Constitution, 2000      *The Individual and Privacy* Joseph A. Cannataci, 2016-12-05 The essays selected for this volume reflect the many paths followed to develop a new more robust methodology idMAPPING for investigating privacy Each article deals with the three dimensions of time space and place by addressing a number of questions such as who Which individual When How Is privacy viewed from the perspective of legal theory or of information science Or from the viewpoint of sociology social psychology philosophy information ethics or data protection law The reader is offered a multi disciplinary overview of the subject a mosaic made up of several snapshots taken at different times by different scholars with different points of view The detailed introduction increases clarity in parts of the picture where the way that the pieces fit together may not be immediately apparent and concludes by challenging internet era fallacies Taken together the articles demonstrate an innovative approach to evidence based policy making and show privacy scholarship at its best      Digital Democracy and the Impact of Technology on Governance and Politics: New Globalized Practices Akrivopoulou, Christina M., 2013-03-31 The evolution of modern technology has allowed digital democracy and e governance to transform traditional ideas on political dialogue and accountability Digital Democracy and the Impact of Technology on Governance and Politics New Globalized Practices brings together a detailed examination of the new ideas on electronic citizenship electronic democracy e governance and digital legitimacy By combining theory with the study of law and of matters of public policy this book is essential for both academic and legal scholars researchers and practitioners      **Encyclopedia of Social Media and Politics** Kerric Harvey, 2013-12-20 The Encyclopedia of Social Media and Politics explores how the rise of social media is altering politics both in the United States and in key moments movements and places around the world Its scope encompasses the disruptive technologies and activities that are changing basic patterns in American politics and the amazing transformations that social media use is rendering in other political systems heretofore resistant to democratization and change In a time when social media are revolutionizing and galvanizing politics in the United States and around the world this encyclopedia is a must have reference It reflects the changing landscape of politics where old modes and methods of political communication from elites to the masses top down and from the masses to elites bottom up are being displaced rapidly by social media and where activists are building new movements and protests using social media to alter mainstream political agendas Key Features This three volume A to Z encyclopedia set includes 600 short essays on high interest topics that explore social media s impact on politics such as Activists and Activism Issues and Social Media Politics and Social Media and Popular Uprisings and Protest A stellar array of world renowned scholars have written entries in a clear and accessible style that invites readers to explore and reflect on the use of social media by political candidates in this country as well as the use of social media in protests

overseas Unique to this book is a detailed appendix with material unavailable anywhere else tracking and illustrating social media usage by U S Senators and Congressmen This encyclopedia set is a must have general non technical resource for students and researchers who seek to understand how the changes in social networking through social media are affecting politics both in the United States and in selected countries or regions around the world      **Internet and the Law** Aaron Schwabach,2014-01-15 The world of Internet law is constantly changing and is difficult to follow even for those for whom doing so is a full time job This updated everything you need to know reference removes the uncertainty Internet and the Law Technology Society and Compromises Second Edition is the go to source for anyone who needs clear explanations of complex legal concepts related to online practices and content This wide ranging alphabetical reference explores diverse areas of law including territorial jurisdiction and taxation that are relevant to or affected by advances in information technology and the rise of the Internet Particular emphasis is placed on intellectual property law and laws regarding freedom of expression The Internet as this book shows raises questions not only about how to protect intellectual creations but about what should be protected Entries also discuss how the Web has brought First Amendment rights and free expression into question as society grapples with attempts to control leaks and to restrict content such as pornography spam defamation and criminal speech

*Metafolklore* Alexander V. Avakov,2012-12-11 The book is organized in Folklore Units Each Folklore Unit has Context and may have one or more Metacontexts with citations of works of great philosophers or writers hence the title of the book is Metafolklore The book covers the life of immigrants from the USSR in the U S remembers life in Russia and gradually concentrates on the modus operandi of the KGB FBI CIA NYPD NSA ECHELON Foreign Intelligence Surveillance Court Al and ISI It covers frontiers of legal theory of surveillance What distinguishes this book is the intensely personal account of the events and issues      **The Governance of Privacy** Colin J. Bennett,Charles D. Raab,2017-11-01 This book was published in

2003 This book offers a broad and incisive analysis of the governance of privacy protection with regard to personal information in contemporary advanced industrial states Based on research across many countries it discusses the goals of privacy protection policy and the changing discourse surrounding the privacy issue concerning risk trust and social values It analyzes at length the contemporary policy instruments that together comprise the inventory of possible solutions to the problem of privacy protection It argues that privacy protection depends upon an integration of these instruments but that any country s efforts are inescapably linked with the actions of others that operate outside its borders The book concludes that in a globalizing world this regulatory interdependence could lead either to a search for the highest possible standard of privacy protection or to competitive deregulation or to a more complex outcome reflecting the nature of the issue and its policy responses      *Virtual Private Networks For Dummies* Mark S. Merkow,1999-12-02 Let s face it the information age

makes dummies of us all at some point One thing we can say for sure though about things related to the Internet is that their best strengths are often also their worst weaknesses This goes for virtual private networks VPNs They may reach a wide base

of customers but can also be vulnerable to viruses hackers spoofers and other shady online characters and entities VPNs may allow for super efficient communication between customer and company but they rely on information which if compromised can cause huge losses The Internet is still a frontier sometimes so wide open it leaves us bewildered and like any frontier the risks go hand in hand with potentially huge rewards Virtual Private Networks for Dummies offers you a no nonsense practical guide to evaluating your company s need for a VPN understanding what it takes to implement one and undertaking the challenging quest to set it up make it work and keep it safe Whether you re the resident expert leading the project team or you just want to learn what makes e commerce tick this detailed from the ground up guide will soon have you comfortably conceptualizing Security goals and strategies The evolution of VPNs Privacy in VPNs Extranets Remote Access VPNs Funding Custom network solutions design Testing VPNs And more With new products and technologies offering supposedly revolutionary solutions to IT departments every day this book focuses on the real world you know the one full of obstacles mishaps threats delays and errors and gives you the background knowledge to make decisions for yourself about your VPN needs Written with a dash of humor Virtual Private Networks for Dummies contains both technical detail standards protocols etc and more general concepts such as conducting cost benefit analyses This clear authoritative guide will have you securely and cost effectively networking over the Internet in no time

Security and Privacy Joseph Savirimuthu, 2016-12-05 During the last decade in particular the levels of critical engagement with the challenges posed for privacy by the new technologies have been on the rise Many scholars have continued to explore the big themes in a manner which typifies the complex interplay between privacy identity security and surveillance This level of engagement is both welcome and timely particularly in a climate of growing public mistrust of State surveillance activities and business predisposition to monetize information relating to the online activities of users This volume is informed by the range of discussions currently conducted at scholarly and policy levels The essays illustrate the value of viewing privacy concerns not only in terms of the means by which information is communicated but also in terms of the political processes that are inevitably engaged and the institutional regulatory and cultural contexts within which meanings regarding identity and security are constituted



## Unveiling the Magic of Words: A Report on "**Privacy On The Line The Politics Of Wiretapping And Encryption**"

In a world defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their capability to kindle emotions, provoke contemplation, and ignite transformative change is truly awe-inspiring. Enter the realm of "**Privacy On The Line The Politics Of Wiretapping And Encryption**," a mesmerizing literary masterpiece penned by way of a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound effect on the souls of its readers.

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