Cyber Security Law Are You Ready Legal Resource

Implementing appropriate security measures will be an advantage when protecting organisations from regulatory action and litigation in cyber security law: can you provide a defensive shield? Cyber Security: Law and Guidance provides an overview of legal developments in cyber security and data protection in the European Union and the United Kingdom, focusing on the key cyber security laws and related legal instruments, including those for data protection and payment services. Additional context is provided through insight into how the law is developed outside the regulatory frameworks, referencing the 'Consensus of Professional Opinion' on cyber security, case law and the role of professional and industry standards for security. With cyber security law destined to become heavily contentious, upholding a robust security framework will become an advantage and organisations will require expert assistance to operationalise matters. Practical in approach, this comprehensive text will be invaluable for legal practitioners and organisations. It covers both the law and its practical application, helping to ensure that advisers and organisations have effective policies and procedures in place to deal with cyber security. Topics include: - Threats and vulnerabilities - Privacy and security in the workplace and built environment - Importance of policy and guidance in digital communications - Industry specialists' in-depth reports -

Social media and cyber security - International law and interaction between states - Data security and classification - Protecting organisations - Cyber security: cause and cure Cyber Security: Law and Guidance is on the indicative reading list of the University of Kent's Cyber Law module.

What we can learn from the aftermath of cybersecurity breaches and how we can do a better job protecting online data. Cybersecurity incidents make the news with startling regularity. Each breach—the theft of 145.5 million Americans' information from Equifax, for example, or the Russian government's theft of National Security Agency documents, or the Sony Pictures data dump—makes headlines, inspires panic, instigates lawsuits, and is then forgotten. The cycle of alarm and amnesia continues with the next attack, and the one after that. In this book, cybersecurity expert Josephine Wolff argues that we shouldn't forget about these incidents, we should investigate their trajectory, from technology flaws to reparations for harm done to their impact on future security measures. We can learn valuable lessons in the aftermath of cybersecurity breaches. Wolff describes a series of significant cybersecurity incidents between 2005 and 2015, mapping the entire life cycle of each breach in order to identify opportunities for defensive intervention. She outlines three types of motives underlying these attacks—financial gain, espionage, and public humiliation of the victims—that have remained consistent through a decade of cyberattacks, offers examples of each, and analyzes the emergence of different attack patterns. The enormous TJX breach in

2006, for instance, set the pattern for a series of payment card fraud incidents that led to identity fraud and extortion; the Chinese army conducted cyberespionage campaigns directed at U.S.-based companies from 2006 to 2014, sparking debate about the distinction between economic and political espionage; and the 2014 breach of the Ashley Madison website was aimed at reputations rather than bank accounts.

"Chilling, eye-opening, and timely, Cyber Privacy makes a strong case for the urgent need to reform the laws and policies that protect our personal data. If your reaction to that statement is to shrug your shoulders, think again. As April Falcon Doss expertly explains, data tracking is a real problem that affects every single one of us on a daily basis." —General Michael V. Hayden, USAF, Ret., former Director of CIA and NSA and former Principal Deputy Director of National Intelligence You're being tracked. Amazon, Google, Facebook, governments. No matter who we are or where we go, someone is collecting our data: to profile us, target us, assess us; to predict our behavior and analyze our attitudes; to influence the things we do and buy—even to impact our vote. If this makes you uneasy, it should. We live in an era of unprecedented data aggregation, and it's never been more difficult to navigate the trade-offs between individual privacy, personal convenience, national security, and corporate profits. Technology is evolving quickly, while laws and policies are changing slowly. You shouldn't have to be a privacy expert to understand what happens to your data. April Falcon Doss, a privacy expert and former NSA and Senate lawyer, has seen this imbalance in action. She wants to empower individuals and see policy catch up. In Cyber Privacy, Doss demystifies the digital footprints we leave in our daily lives and reveals how our data is being used—sometimes against us—by the private sector, the government, and even our employers and schools. She explains the trends in data science, technology, and the law that impact our everyday privacy. She tackles big questions: how data aggregation undermines personal autonomy, how to measure what privacy is worth, and how society can benefit from big data while managing its risks and being clear-eyed about its cost. It's high time to rethink notions of privacy and what, if anything, limits the power of those who are constantly watching, listening, and learning about us. This book is for readers who want answers to three questions: Who has your data? Why should you care? And most important, what can you do about it?

With the growing volume of cyberattacks, it is important to ensure you are protected. This handbook will help you to identify potential cybersecurity risks, take steps to lessen those risks, and better respond in the event of an attack. It addresses the current overarching threat, describes how the technology works, outlines key legal requirements and ethical issues, and highlights special considerations for lawyers and practitioners of all types.

International Cybersecurity and Privacy Law in Practice balances privacy and cybersecurity legal knowledge with technical knowledge and business acumen needed to provide adequate representation and consultation both within an organization, such as a government entity or business, and when advising these organizations as external counsel. Although organizations collect information, including personal data, in increasing volume, they often struggle to identify privacy laws applicable to complex, multinational technology implementations. Jurisdictions worldwide now include specific cybersecurity obligations in privacy laws and have passed stand-alone cybersecurity laws. To advise on these compliance matters, attorneys must understand both the law and the technology to which it applies. This book provides an innovative, in-depth survey and analysis of international information privacy and cybersecurity laws worldwide, an introduction to cybersecurity technology, and a detailed guide on organizational practices to protect an organization's interests and anticipate future compliance developments. It also introduces cybersecurity industry standards, developing cybersecurity legal developments, and international data localization laws. What's in this book: This book explores international information privacy laws applicable to private and public organizations, including employment and marketing-related compliance requirements and industry-specific guidance. It introduces a legal approach based on industry best practices to creating and managing an effective cybersecurity and privacy program that includes the following and more: prompt, secure ways to identify threats, manage vulnerabilities, and respond to "incidents"; defining the accountability of the "data controller" within an organization; roles of transparency and consent; privacy notice as contract; rights of revocation, erasure, and correction; de-identification and anonymization procedures; records retention; and data localization. Regulations and applicable "soft law" will be explored in detail for a wide variety of jurisdictions, including an introduction to the European Union's Global Data Protection Regulation (GDPR), China's Cybersecurity Law, the OECD and APEC Guidelines, the U.S. Health Insurance Portability and Accountability Act (HIPAA), and many other national and regional instruments. How this will help you: This book is an indispensable resource for attorneys who must advise on strategic implementation of new technologies, advise on the impact of certain laws to the enterprise, interpret complex cybersecurity and privacy contractual language, and participate in incident response and data breach activities. It will also be of value to other practitioners from a broader perspective, such as compliance and security personnel, who need a reference exploring privacy and data protection laws and their connection with security technologies.

This book is for cybersecurity and privacy professionals, cybersecurity and privacy lawyers, law students, and anyone interested in learning the cybersecurity laws that apply to an entity based on the entity's business model(s) and data collection model(s). For example, what is the applicable Securities and Exchange Commission (SEC) cybersecurity law if an entity provides an alternate trading platform (ATP) with a daily trading volume of 50,000? The authors combine years of technical and legal experience in providing a map for cybersecurity counseling based on an understanding of the CISO's technical cybersecurity issues and how they fit into today's cybersecurity law challenges. The authors explain the difference and overlap between privacy law, cybersecurity law, and cybersecurity. Those interested in speaking the same cybersecurity language as a Chief Information Security Officer (CISO) will benefit. The first chapter provides a review of cybersecurity. For example, key to any discussion on cybersecurity is the Confidentiality, Integrity, and Availability (CIA) of data. Learn how to implement policy-based "reasonable security measures" frameworks for your organization that form a legal defense to cybersecurity-based actions brought by U.S. agencies such as the Federal Trade Commission (FTC) and state Attorney Generals. A high-level discussion of the National Institute of Science and Technology (NIST) cybersecurity frameworks is included as well as data breach laws, anti-hacking related laws and some international issues.

In the Internet of Things (IoT) era, online activities are no longer limited to desktop or laptop computers, smartphones and tablets. Instead, these activities now include ordinary tasks, such as using an internet-connected refrigerator or washing machine. At the same time, the IoT provides unlimited opportunities for household objects to serve as surveillance devices that continually monitor, collect and process vast quantities of our data. In this work, Stacy-Ann Elvy critically examines the consumer ramifications of the IoT through the lens of commercial law and privacy and security law. The book provides concrete legal solutions to remedy inadequacies in the law that will help usher in a more robust commercial law of privacy and security that protects consumer interests.

"Cybersecurity and Privacy Law in a Nutshell by Jay P. Kesan and Carol M. Hayes provides a comprehensive and up-to-date overview of cybersecurity law and policy. Cybersecurity is a serious concern in our lives. It affects individuals, governments, the military, big businesses, small businesses, and law firms themselves. Cybersecurity policy issues implicate both private and public international law, in addition to domestic law. In this Nutshell, we present case law, federal, state and international legislation, administrative actions and regulations, and relevant policy considerations that attorneys and their clients should keep in mind, whether they are working on a case about cybersecurity or just wanting to know more about cybersecurity and privacy in the Internet age."--Publisher website.

On a global scale, the central tool for responding to complex security challenges is public international law. This handbook provides a comprehensive and systematic overview of the relationship between international law and global security.

We depend on information and information technology (IT) to make many of our day-to-day tasks easier and more convenient. Computers play key roles in transportation, health care, banking, and energy. Businesses use IT for payroll and accounting, inventory and sales, and research and development. Modern military forces use weapons that are increasingly coordinated through computer-based networks. Cybersecurity is vital to protecting all of these functions. Cyberspace is vulnerable to a broad spectrum of hackers, criminals, terrorists, and state actors. Working in cyberspace, these malevolent actors can steal money, intellectual property, or classified information; impersonate law-abiding parties for their own purposes; damage important data; or deny the availability of normally accessible services. Cybersecurity issues arise because of three factors taken together - the presence of malevolent actors in cyberspace, societal reliance on IT for many important functions, and the presence of vulnerabilities in IT systems. What steps can policy makers take to protect our government, businesses, and the public from those would take advantage of system vulnerabilities? At the Nexus of Cybersecurity and Public Policy offers a wealth of information on practical measures, technical and nontechnical challenges, and potential policy responses. According to this report, cybersecurity is a never-ending battle; threats will evolve as adversaries adopt new tools and techniques to compromise security. Cybersecurity is therefore an ongoing process that needs to evolve as new threats are identified. At the Nexus of Cybersecurity and Public Policy is a call for action to make cybersecurity a public safety priority. For a number of years, the cybersecurity issue has received increasing public attention; however, most policy focus has been on the short-term costs of improving systems. In its explanation of the fundamentals of cybersecurity and the discussion of potential policy responses, this book will be a resource for policy makers, cybersecurity and IT professionals, and anyone who wants to understand threats to cyberspace.

The second edition of the definitive guide to cybersecurity law, updated to reflect recent legal developments The revised and updated second edition of Cybersecurity Law offers an authoritative guide to the key statutes, regulations, and court rulings that pertain to cybersecurity. Written by an experienced cybersecurity lawyer and law professor, the second edition includes new and expanded information that reflects the latest changes in laws and regulations. The book includes material on recent FTC data security consent decrees and data breach litigation. Topics covered reflect new laws, regulations, and court decisions that address financial sector cybersecurity, the law of war as applied to cyberspace, and recently updated guidance for public companies' disclosure of cybersecurity risks. This important guide: Provides a new appendix, with 15 edited opinions covering a wide range of cybersecurity-related topics, for students learning via the caselaw method Includes new sections that cover topics such as: compelled access to encrypted devices, New York's financial services cybersecurity regulations, South Carolina's insurance sector cybersecurity law, the Internet of Things, bug bounty programs, the vulnerability equities process, international enforcement of computer hacking laws, the California Consumer Privacy Act, and the European Union's Network and Information Security Directive Contains a new chapter on the critical topic of law of cyberwar Presents a comprehensive guide written by a noted expert on the topic Offers a companion Instructor-only website that features discussion questions for each chapter and suggested exam questions for each chapter Written for students and professionals of cybersecurity, cyber operations, management-oriented information technology (IT), and computer science, Cybersecurity Law, Second Edition is the up-to-date guide that covers the basic principles and the most recent information on cybersecurity laws and regulations. JEFF KOSSEFF is Assistant Professor of Cybersecurity Law at the United States Naval Academy in Annapolis, Maryland. He was a finalist for the Pulitzer Prize, and a recipient of the George Polk Award for national reporting.

The result of a three-year project, this manual addresses the entire spectrum of international legal issues raised by cyber warfare.

This timely and important book illuminates the impact of cyber law on the growth and development of emerging and developing economies. Using a strong theoretical framework firmly grounded in resource-based and technology diffusion literature, the authors convey a subtle understanding of the ways public and private sector entities in developing and emerging countries adopt cyber space processes. This book reveals that the diffusion of cyber activities in developing and emerging economies is relatively low, with the main stumbling blocks resting in regulatory, cultural, and social factors. The authors argue that cyber crimes constitute a prime obstacle to the diffusion of e-commence and e-governments in developing economies, and governments have an important role in developing control mechanisms in the form of laws. However, setting appropriate policies and complementary services, particularly those affecting the telecommunications sector and other infrastructure, human capital and the investment environment, severely constrains Internet access. Using both strategic and operational perspectives, the authors discuss the concrete experience of constructing and implementing cyber laws and cyber security measures in developing and emerging countries, and analyse their content and appropriateness. Professionals, academics, students, and policymakers working in the area of cyber space, e-commerce and economic development, and United Nations entities working closely with the Millennium Development Goals, will find this book an invaluable reference.

Professionalizing the Nation's Cybersecurity Workforce? Criteria for Decision-Making considers approaches to increasing the professionalization of the nation's cybersecurity workforce. This report examines workforce requirements for cybersecurity and the segments and job functions in which professionalization is most needed; the role

of assessment tools, certification, licensing, and other means for assessing and enhancing professionalization; and emerging approaches, such as performance-based measures. It also examines requirements for the federal (military and civilian) workforce, the private sector, and state and local government. The report focuses on three essential elements: (1) understanding the context for cybersecurity workforce development, (2) considering the relative advantages, disadvantages, and approaches to professionalizing the nation's cybersecurity workforce, and (3) setting forth criteria that can be used to identify which, if any, specialty areas may require professionalization and set forth criteria for evaluating different approaches and tools for professionalization. Professionalizing the Nation's Cybersecurity Workforce? Criteria for Decision-Making characterizes the current landscape for cybersecurity workforce development and sets forth criteria that the federal agencies participating in the National Initiative for Cybersecurity Education-as well as organizations that employ cybersecurity workers-could use to identify which specialty areas may require professionalization and to evaluate different approaches and tools for professionalization.
Cybersecurity, data privacy law, and the related legal implications overlap into a relevant and developing area in the legal field. However, many legal practitioners lack the foundational understanding of computer processes which are fundamental for applying existing and developing legal structures to the issue of cybersecurity and data privacy. At the same time, those who work and research in cybersecurity are often unprepared and unaware of the nuances of legal application. This book translates the fundamental building blocks of data privacy and (cyber)security law into basic knowledge that is equally accessible and educational for those working and researching in either field, those who are

involved with businesses and organizations, and the general public.

In today’s litigious business world, cyber-related matters could land you in court. As a computer security professional, you are protecting your data, but are you protecting your company? While you know industry standards and regulations, you may not be a legal expert. Fortunately, in a few hours of reading, rather than months of classroom study, Tari Schreider’s Cybersecurity Law, Standards and Regulations (2nd Edition), lets you integrate legal issues into your security program. Tari Schreider, a board-certified information security practitioner with a criminal justice administration background, has written a much-needed book that bridges the gap between cybersecurity programs and cybersecurity law. He says, “My nearly 40 years in the fields of cybersecurity, risk management, and disaster recovery have taught me some immutable truths. One of these truths is that failure to consider the law when developing a cybersecurity program results in a protective façade or false sense of security.” In a friendly style, offering real-world business examples from his own experience supported by a wealth of court cases, Schreider covers the range of practical information you will need as you explore – and prepare to apply – cybersecurity law. His practical, easy-to-understand explanations help you to: Understand your legal duty to act reasonably and responsibly to protect assets and information. Identify which cybersecurity laws have the potential to impact your cybersecurity program. Upgrade cybersecurity policies to comply with state, federal, and regulatory statutes. Communicate effectively about cybersecurity law with corporate legal department and counsel. Understand the implications of emerging legislation for your cybersecurity program. Know how to avoid losing a cybersecurity court case on procedure – and develop strategies to handle a dispute out of court. Develop an international view of cybersecurity and data privacy – and international legal frameworks. Schreider takes you beyond security standards and regulatory controls to ensure that your current or future cybersecurity program complies with all laws and legal jurisdictions. Hundreds of citations and references allow you to dig deeper as you explore specific topics relevant to your organization or your studies. This book needs to be required reading before your next discussion with your corporate legal department. This new edition responds to the rapid changes in the cybersecurity industry, threat landscape and providers. It addresses the increasing risk of zero-day attacks, growth of state-sponsored adversaries and consolidation of cybersecurity products and services in addition to the substantial updates of standards, source links and cybersecurity products.

This timely Research Handbook contains an analysis of various legal questions concerning cyberspace and cyber activities and provides a critical account of their effectiveness. Expert contributors examine the application of fundamental international la

This book gives insight into the legal aspects of data ownership in the 21st century. With the amount of information being produced and collected growing at an ever accelerating rate, governments are implementing laws to regulate the use of this information by corporations. Companies are more likely than ever to face heavy lawsuits and sanctions for any misuse of information, which includes data breaches caused by cybercriminals. This book serves as a guide to all companies that collect customer information, by giving instructions on how to avoid making these costly mistakes and to ensure they are not liable in the event of stolen information.

Cyber Security: Law and Practice provides unique, comprehensive coverage looking at three main areas:Legal framework - covers cyber crime, civil liability under the Data Protection Act, other forms of civil liability and redress, cyber property, employee liability and protection, commercial espionage and control mechanisms for embedded devices.Data Issues - considers how to respond to a data breach, and legal aspects of investigating incidents and the powers of investigators.Litigation - examines what remedial steps can be taken and how to mitigate loss, as well as issues surrounding litigation and the rules of evidence.The second edition has been fully updated to take into account the major changes and developments in this area since the introduction of the General Data Protection Regulations, the Data Protection Act 2018, the Network and Information Systems Regulations 2018 and the proposed ePrivacy Regulation.

Readings and Cases in Information Security: Law and Ethics provides a depth of content and analytical viewpoint not found in many other books. Designed for use with any Cengage Learning security text, this resource offers readers a real-life view of information security management, including the ethical and legal issues associated with various on-the-job experiences. Included are a wide selection of foundational readings and scenarios from a variety of experts to give the reader the most realistic perspective of a career in information security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This comprehensive reference covers the laws governing every area where data privacy and security is potentially at risk -- including government records, electronic surveillance, the workplace, medical data, financial information, commercial transactions, and online activity, including communications involving children.

Cybersecurity Key Legal Considerations for the Aviation and Space Sectors Federico Bergamasco, Roberto Cassar, Rada Popova & Benjamyn I. Scott As the aviation and space sectors become ever more connected to cyberspace and reliant on related technology, they become more vulnerable to potential cyberattacks. As a result, cybersecurity is a growing concern that all stakeholders in both sectors must consider. In this forward-looking book, which is the first comprehensive analysis of the relevant facets of cybersecurity in the aviation and space sectors, the authors explore the vast spectrum of relevant international and European Union (EU) law, with specific attention to associated risks, existing legal provisions and the potential development of new rules. Beginning with an overview of the different types of malicious cyber operations, the book proceeds to set the terminological landscape relevant to its core theme. It takes a top-down approach by first analysing general international and EU law related to cybersecurity, then moving to the more specific aspects of the aviation and space sectors, including telecommunications. Finally, the salient features of these analyses are combined with the practical realities in the relevant industries, giving due regard to legal and regulatory initiatives, industry standards and best practices. The broad range of issues and topics covered includes the following and more: whether the various facets of the international law on conflict apply in cyberspace and to cyberattacks; substantial policy and regulatory developments taking place at the EU level, including the activities of its relevant institutions, bodies and entities; jurisdiction and attributability issues relevant to cybersecurity in the aviation and space sectors; vulnerability of space systems, including large constellations, to malicious cyber activities and electromagnetic interference; various challenges for critical infrastructure resulting from, e.g., its interdependency, cross-border nature, public-private ownership and dual civil-military uses; safety and security in international air transportation, with special attention to the Chicago Convention and its Annexes; aviation liability and compensation in cases of cyberattacks, and insurance coverage against cyber risks; review of malicious relevant actors, malicious cyber operations, the typical life cycle of a cyberattack and industry responses. This book clearly responds to the need to elaborate adequate legal rules for ensuring that the multiple inlets for malicious cyber operations and the management of cybersecurity risks are addressed appropriately. It will be welcomed by all parties involved with aviation and space law and policy, including lawyers, governments, regulators, academics, manufacturers, operators, airports, and international governmental and non-governmental organisations.

A comprehensive analysis of the international law applicable to cyber operations, including a systematic study of attribution, lawfulness and remedies.

This updated edition of a well-known comprehensive analysis of the criminalization of cyberattacks adds important new guidance to the legal framework on cybercrime, reflecting new legislation, technological developments, and the changing nature of cybercrime itself. The focus is not only on criminal law aspects but also on issues of data protection, jurisdiction, electronic evidence, enforcement, and digital forensics. It provides a thorough analysis of the legal regulation of attacks against information systems in the European, international, and comparative law contexts. Among the new and continuing aspects of cybersecurity covered are the following: the conflict of cybercrime investigation and prosecution with fundamental rights to privacy and freedom of expression; the 2016 Directive on security of network and information systems (NIS Directive);

the General Data Protection Regulation (GDPR); the role of national computer security incident response teams (CSIRTs); the European Union (EU) response to new technologies involving payment instruments, including virtual currencies and digital wallets; the EU Commission's legislative proposals to enhance cross-border gathering of electronic evidence; internet service providers' role in fighting cybercrime; measures combatting identity theft, spyware, and malware; states and legal persons as perpetrators of cybercrime; and the security and data breach notification as a compliance and transparency tool. Technical definitions, case laws, and analysis of both substantive law and procedural law contribute to a comprehensive understanding of cybercrime regulation and its current evolution in practice. Addressing a topic of growing importance in unprecedented detail, this new edition of a much-relied-upon resource will be welcomed by professionals and authorities dealing with cybercrime, including lawyers, judges, academics, security professionals, information technology experts, and law enforcement agencies.

This book pinpoints current and impending threats to the healthcare industry's data security.

Cyber Law Simplified presents a harmonious analysis of the key provisions of the TI Act, 2000 in consonance with the relevant aspects of several other laws of the land which impact jurisdiction in the cyber work. The book offers solutions to critical cyber-legal problems and would facilitate legal planning, decision making and cyber-legal compliance in the e-world. The simple and reader friendly style of writing would provide a clear understanding of the subject to managers in the areas of systems, business, legal, tax or human resources; CEOs; COOs; CTOs; and IT consultants. In today’s litigious business world, cyber-related matters could land you in court. As a computer security professional, you are protecting your data, but are you protecting your company? While you know industry standards and regulations, you may not be a legal expert. Fortunately, in a few hours of reading, rather than months of classroom study, Tari Schreider’s The Manager’s Guide to Cybersecurity Law: Essentials for Today’s Business, lets you integrate legal issues into your security program. Tari Schreider, a board-certified information security practitioner with a criminal justice administration background, has written a much-needed book that bridges the gap between cybersecurity programs and cybersecurity law. He says, “My nearly 40 years in the fields of cybersecurity, risk management, and disaster recovery have taught me some immutable truths. One of these truths is that failure to consider the law when developing a cybersecurity program results in a protective façade or false sense of security.” In a friendly style, offering real-world business examples from his own experience supported by a wealth of court cases, Schreider covers the range of practical information you will need as you explore – and prepare to apply – cybersecurity law. His practical, easy-to-understand explanations help you to: Understand your legal duty to act reasonably and responsibly to protect assets and information. Identify which cybersecurity laws have the potential to impact your cybersecurity program. Upgrade cybersecurity policies to comply with state, federal, and regulatory statutes. Communicate effectively about cybersecurity law with corporate legal department and counsel. Understand the implications of emerging legislation for your cybersecurity program. Know how to avoid losing a cybersecurity court case on procedure – and develop strategies to handle a dispute out of court. Develop an international view of cybersecurity and data privacy – and international legal frameworks. Schreider takes you beyond security standards and regulatory controls to ensure that your current or future cybersecurity program complies with all laws and legal jurisdictions. Hundreds of citations and references allow you to dig deeper as you explore specific topics relevant to your organization or your studies. This book needs to be required reading before your next discussion with your corporate legal department.

Protect your business and family against cyber attacks Cybersecurity is the protection against the unauthorized or criminal use of electronic data and the practice of ensuring the integrity, confidentiality, and availability of information. Being "cyber-secure" means that a person or organization has both protected itself against attacks by cyber criminals and other online scoundrels, and ensured that it has the ability to recover if it is attacked. If keeping your business or your family safe from cybersecurity threats is on your to-do list, Cybersecurity For Dummies will introduce you to the basics of becoming cyber-secure! You'll learn what threats exist, and how to identify, protect against, detect, and respond to these threats, as well as how to recover if you have been breached! The who and why of cybersecurity threats Basic cybersecurity concepts What to do to be cyber-secure Cybersecurity careers What to think about to stay cybersecure in the future Now is the time to identify vulnerabilities that may make you a victim of cyber-crime — and to defend yourself before it is too late. Privacy and Cybersecurity Law Deskbook An essential compliance tool for every privacy officer and attorney involved in managing privacy and data security issues, Privacy and Cybersecurity Law Deskbook provides the thorough, practical, sector-specific guidance that helps you meet today's challenges and minimize the risk of data breaches that can damage a company's reputation. Keep abreast of the latest developments to Identify to comply with privacy and cybersecurity laws--Across the country and around the world. Only Privacy and Cybersecurity Law Deskbook makes it simple to: Comply with global data protection laws Navigate the various state-by-state breach notification requirements Keep completely current on emerging legal trends Written by one of the world's foremost legal practitioners in the field, Privacy and Cybersecurity Law Deskbook (formerly titled Privacy and Data Law Deskbook) has been updated in this 2021 Edition to include: The groundbreaking California Consumer Privacy Act of 2018 Key information about the new data protection law in Brazil Updates to various global privacy laws, including new information about breach notification and data localization requirements Facebook's $5 billion settlement with the FTC, the largest ever in connection with a consumer privacy action, to settle an investigation involving Cambridge Analytica Recent FTC enforcement actions for alleged privacy and information security violations, including Cambridge Analytica and YouTube Washington State's new law establishing safeguards for the use of facial recognition technology by state and local government agencies Updates from HHS regarding the applicability of HIPAA to the COVID-19 pandemic response Information on biometric privacy laws in Illinois, Texas, and Washington State, and recent case law in the wake of litigation brought under Illinois's Biometric Information Privacy Act (BIPA) The New York Stop Hacks and Improve Electronic Data Security (SHIELD) Act, imposing a reasonable security requirement on businesses that own or license computerized data that includes the private information of New York residents Recent FTC enforcement actions for violations of the Privacy Rule and Safeguards Rule under the Gramm-Leach-Bliley Act Recent HHS and state regulator enforcement actions addressing the privacy and security of protected health information, including first-of-its-kind multistate litigation involving a HIPAA-related data breach Note: Online subscriptions are for three-month periods. Previous Edition: Privacy and Cybersecurity Law Deskbook, 2020 Edition, ISBN 9781543812800

Did you know your car can be hacked? Your medical device? Your employer's HVAC system? Are you aware that bringing your own device to work may have security implications? Consumers of digital technology are often familiar with headline-making hacks and breaches, but lack a complete understanding of how and why they happen, or if they have been professionally or personally compromised. In Cybersecurity in Our Digital Lives, twelve experts provide much-needed clarification on the technology behind our daily digital interactions. They explain such things as supply chain, Internet of Things, social media, cloud computing, mobile devices, the C-Suite, social engineering, and legal confidentially. Then, they discuss very real threats, make suggestions about what can be done to enhance security, and offer recommendations for best practices. An ideal resource for students, practitioners, employers, and anyone who uses digital products and services.

Security and law against the backdrop of technological development.00Few people doubt the importance of the security of a state, its society and its organizations, institutions and individuals, as an unconditional basis for personal and societal flourishing. Equally, few people would deny being concerned by the often occurring conflicts between security and other values and fundamental freedoms and rights, such as individual autonomy or privacy for example. While the search for a balance between these public values is far from new, ICT and data-driven technologies have undoubtedly given it a new impulse. These technologies have a complicated and multifarious relationship with security.00This book combines theoretical discussions of the concepts at stake and case studies following the relevant developments of ICT and data-driven technologies.

Information Security Law: Control of Digital Assets provides encyclopedic coverage of both the technologies used to protect a network and the laws and policies that bolster them.

The internet has changed the rules of many industries, and war is no exception. But can a computer virus be classed as an act of war? Does a Denial of Service attack count as an armed attack? And does a state have a right to self-defence when cyber attacked? With the range and sophistication of cyber attacks against states showing a dramatic increase in recent times, this book investigates the traditional concepts of 'use of force', 'armed attack', and 'armed conflict' and asks whether existing laws created for analogue technologies can be applied to new digital developments. The book provides a comprehensive analysis of primary documents and surrounding literature, to investigate whether and how existing rules on the use of force in international law apply to a relatively new phenomenon such as cyberspace operations. It assesses the rules of jus ad bellum and jus in bello, whether based on treaty or custom, and analyses why each rule applies or does not apply to cyber operations. Those rules which can be seen to apply are then discussed in the context of each specific type of cyber operation. The book addresses the key questions of whether a cyber operation amounts to the use of force and, if so, whether the victim state can exercise its right of self-defence; whether cyber operations trigger the application of international humanitarian law when they are not accompanied by traditional hostilities; what rules must be followed in the conduct of cyber hostilities; how neutrality is affected by cyber operations; whether those conducting cyber operations are combatants, civilians, or civilians taking direct part in hostilities. The book is essential reading for everyone wanting a better understanding of how international law regulates cyber combat.

This 2006 book explores the nature of the cybersecurity problem for nations and addresses possible solutions.

This book examines the legal and policy aspects of cybersecurity. It takes a much needed look at cyber-security from a geopolitical perspective. Through this lens, it seeks to broaden the reader's understanding of the legal and political considerations of individuals, corporations, law enforcement and regulatory bodies and management of the complex relationships between them. In drawing on interviews conducted with experts from a wide range of fields, the book presents the reader with dilemmas and paradigms that confront law makers, corporate leaders, law enforcement, and national leaders. The book is structured in a novel format by employing a series of vignettes which have been created as exercises intended to confront the reader with the dilemmas involved in cyber-security. Through the use of vignettes, the work seeks to highlight the constant threat of cyber-security against various audiences, with the overall aim of facilitating discussion and reaction to actual probable events. In this sense, the book seeks to provide recommendations for best practices in response to the complex and numerous threats related to cyber-security. This book will be of interest to students of cyber-security, terrorism, international law, security studies and IR in general, as well as policy makers, professionals and law-enforcement officials.

One in five law firms fall victim to a cyber attack or data breach. Cybercrime costs the global economy billions of dollars each year and is expected to continue to rise because law firms and small businesses are considered low-hanging fruit and easy prey for criminals. Inside You'll find practical, cost-effective ways to protect you, your clients' data, and your reputation from hackers, ransomware and identity thieves. You'll learn: -The truth about Windows updates and software patches -The 7 layers of security every small business must have -The top 10 ways hackers get around your firewall and anti-virus software -46 security tips to keep you safe -What you must know about data encryption -What is metadata and how to protect your clients' privacy -The truth about electronic communication and security and more.