Iso Iec 27001 2013 Translated Into Plain English

The tourism and hospitality industries are seeing continued success, which is why so many new businesses are trying to find a foothold in the field. However, the functions and responsibilities of management differ heavily between organizations within the tourism industry, such as the differences faced by big chain hotels, family owned hotels, and individually owned hotels. Understanding the methods of managing such companies is vital to ensuring their success. Industrial and Managerial Solutions for Tourism Enterprises is a pivotal reference source that focuses on the latest developments on management in the tourism and hospitality industries. Highlighting a range of topics including core competency, customer relationship management, and departmental relationships, this book is ideally designed for managers, restaurateurs, tour developers, destination management professionals, travel agencies, tourism media journalists, hotel managers, management consulting companies, human resources professionals, performance evaluators, researchers, academicians, and students.
This book offers an introduction to Information Technology with regard to peace, conflict, and security research, a topic that it approaches from natural science, technical and computer science perspectives. Following an initial review of the fundamental roles of IT in connection with peace, conflict and security, the contributing authors address the rise of cyber conflicts via information warfare, cyber espionage, cyber defence and Darknets. The book subsequently explores recent examples of cyber warfare, including: • The Stuxnet attack on Iran's uranium refining capability • The hacking of the German Federal Parliament's internal communication system • The Wannacry malware campaign, which used software stolen from a US security agency to launch ransomware attacks worldwide The book then introduces readers to the concept of cyber peace, including a discussion of confidence and security-building measures. A section on Cyber Arms Control draws comparisons to global efforts to control chemical warfare, to reduce the risk of nuclear war, and to prevent the militarization of space. Additional topics include the security of critical information infrastructures, and cultural violence and peace in social media. The book concludes with an outlook on the future role of IT in peace and security. Information Technology for Peace and Security breaks new ground in a largely unexplored field of study, and offers a valuable asset for a broad readership including students, educators and working professionals in computer science, IT security, peace and conflict studies, and political science.
Data collection allows today's businesses to cater to each customer's individual needs and provides a necessary edge in a competitive market. However, any breach in confidentiality can cause serious consequences for both the consumer and the company. The Handbook of Research on Emerging Developments in Data Privacy brings together new ideas on how to deal with potential leaks of valuable customer information. Highlighting the legal aspects of identity protection, trust and security, and detection techniques, this comprehensive work is a valuable resource for any business, legal, or technology professional looking to improve information security within their organization.
Drawing on international best practice, including ISO/IEC 27005, NIST SP800-30 and BS7799-3, the book explains in practical detail how to carry out an information security risk assessment. It covers key topics, such as risk scales, threats and vulnerabilities, selection of controls, and roles and responsibilities, and includes advice on choosing risk assessment software.
Foundations of Information Security Based on ISO27001 and ISO27002 - 3rd revised edition
Implementing Information Security based on ISO 27001/ISO 27002
Accounts of Disruption from Sweden and Beyond
Censorship, Surveillance, and Privacy: Concepts, Methodologies, Tools, and Applications
ICCWS2016
Volume 2
Derived from the renowned multi-volume International Encyclopaedia of Laws, this practical guide to cyber law - the law affecting information and communication technology (ICT) - in the Bangladesh covers every aspect of the subject, including intellectual property rights in the ICT sector, relevant competition rules, drafting and negotiating ICT-related contracts, electronic transactions, privacy issues, and computer crime. Lawyers who handle transnational matters will appreciate the detailed explanation of specific characteristics of practice and procedure. Following a general introduction, the book assembles its information and guidance in seven main areas of practice: the regulatory framework of the electronic communications market; software protection, legal protection of databases or chips, and other intellectual property matters; contracts with regard to software licensing and network services, with special attention to case law in this area; rules with regard to electronic evidence, regulation of electronic signatures, electronic banking, and electronic commerce; specific laws and regulations with respect to the liability of network operators and service providers and related product liability; protection of individual persons in the context of the processing of personal data and confidentiality; and the application of substantive criminal law in the area of ICT. Its succinct yet scholarly nature, as well as the practical quality of the information it provides, make this book a valuable time-saving tool for business and legal professionals alike. Lawyers representing parties with interests in the Bangladesh will welcome this very useful guide, and academics and researchers will appreciate its value in the study of comparative law in this relatively new and challenging field.
As the global financial crisis has touched the entire world, it is important for entrepreneurs, government officials, and researchers to reflect on its long-lasting effects to the economy. Economic Growth in Latin America and the Impact of the Global Financial Crisis is a pivotal reference source containing the latest academic research on risk, economic growth and information security in the Latin American economy. Including coverage among a variety of applicable viewpoints and subjects such as telecommunication, subprime lending, and public education, this book is an ideal reference source for government officials, researchers, academics, and upper-level students seeking innovative research on entrepreneurship and the European debt crisis.
This cloud audit toolkit is designed to support the work of financial regulators in developing member countries of the Asian Development Bank. It aims to assist and accelerate the uptake of cloud computing technologies and digital tools to improve the efficiency and efficacy of financial regulators' work processes. Drawing on existing practices observed by leading regulators from across the globe, the toolkit provides a comprehensive framework for improving supervisory work processes. It also includes a checklist to help regulators conduct an initial review of their existing oversight mechanisms.
In today's globalized world, businesses and governments rely heavily on technology for storing and protecting essential information and data. Despite the benefits that computing systems offer, there remains an assortment of issues and challenges in maintaining the integrity and confidentiality of these databases. As professionals become more dependent cyberspace, there is a need for research on modern strategies and concepts for improving the security and safety of these technologies. Modern Theories and Practices for Cyber Ethics and Security Compliance is a collection of innovative research on the concepts, models, issues, challenges, innovations, and mitigation strategies needed to improve cyber protection. While highlighting topics including database governance, cryptography, and intrusion detection, this book provides guidelines for the protection, safety, and security of business data and national infrastructure from cyber-attacks. It is ideally designed for security analysts, law enforcement, researchers, legal practitioners, policymakers, business professionals, governments, strategists, educators, and students seeking current research on combative solutions for cyber threats and attacks.
Economic Growth in Latin America and the Impact of the Global Financial Crisis
ECCWS 2019 18th European Conference on Cyber Warfare and Security
An Introduction to ISO/IEC 27001:2013
A Guide to the National Initiative for Cybersecurity Education (NICE) Cybersecurity Workforce Framework (2.0)

Information Security Policy Development for Compliance
This book constitutes the refereed proceedings of the 4th Computational Methods in Systems and Software 2020 (CoMeSySo 2020) proceedings. Software engineering, computer science and artificial intelligence are crucial topics for the research within an intelligent systems problem domain. The CoMeSySo 2020 conference is breaking the barriers, being held online. CoMeSySo 2020 intends to provide an international forum for the discussion of the latest high-quality research results.
The aim of this book is to contribute to the dissemination of current research carried out by young scholars who are starting to build promising careers in the field of audiovisual translation. Although it is by no means an exhaustive collection of state-of-the-art approaches to AVT, this publication offers a carefully chosen list of research perspectives that are worth exploring in the current technologised landscape that this area of translation has become. Therefore, it represents a select yet judicious group of studies, with the added strength that the contributions presented here are not limited to academic circles, but rather offer different points of view from various angles, given the diverse profiles that characterizes the authors. Thus, each chapter deals with the subject of AVT from an academic, educational or professional perspective. As diverse as their approaches are, all the young authors who have collaborated to create this volume offer enriching perspectives that reflect the potential that AVT still has today and the prospective studies that are worth undertaking to continue enriching the field of AVT.
Information is widely regarded as the lifeblood of modern business, but organizations are facing a flood of threats to such "intellectual capital" from hackers, viruses, and online fraud. Directors must respond to increasingly complex and competing demands regarding data protection, privacy regulations, computer misuse, and investigatory regulations. IT Governance will be valuable to board members, executives, owners and managers of any business or organization that depends on information. Covering the Sarbanes-Oxley Act (in the US) and the Turnbull Report and the Combined Code (in the UK), the book examines standards of best practice for compliance and data security. Written for companies looking to protect and enhance their information security management systems, it allows them to ensure that their IT security strategies are coordinated, coherent, comprehensive and cost effective.
IT governance seems to be one of the best strategies to optimize IT assets in an economic context dominated by information, innovation, and the race for performance. The multiplication of internal and external data and increased digital management, collaboration, and sharing platforms exposes organizations to ever-growing risks. Understanding the threats, assessing the risks, adapting the organization, selecting and implementing the appropriate controls, and implementing a management system are the activities required to establish proactive security governance that will provide management and customers the assurance of an effective mechanism to manage risks. IT Governance and Information Security: Guides, Standards, and Frameworks is a fundamental resource to discover IT governance and information security. This book focuses on the guides, standards, and maturity frameworks for adopting an efficient IT governance and information security strategy in the organization. It describes numerous case studies from an international perspective and brings together industry standards and research from scientific databases. In this way, this book clearly illustrates the issues, problems, and trends related to the topic while promoting the international perspectives of readers. This book offers comprehensive coverage of the essential topics, including: IT governance guides and practices; IT service management as a key pillar for IT governance; Cloud computing as a key pillar for Agile IT governance; Information security governance and maturity frameworks. In this new book, the authors share their experience to help you navigate today's dangerous information security terrain and take proactive steps to measure your company's IT governance and information security maturity and prepare your organization to survive, thrive, and keep your data safe. It aspires to provide a relevant reference for executive managers, CISOs, cybersecurity professionals, engineers, and researchers interested in exploring and implementing efficient IT governance and information security strategies.
ICT Analysis and Applications
The Rise and Development of FinTech
Concepts, Methodologies, Tools, and Applications
Glossary of Key Information Security Terms
17th International Conference, CRiSIS 2021, Virtual Event, November 12–13, 2021, Revised Selected Papers
Research Anthology on Business Aspects of Cybersecurity
[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This standard stipulates the general requirements and extended requirements for testing-evaluation of security of classified protection targets. This standard is applicable to security evaluation service agencies, operation and use units of classified protection targets, for competent departments to conduct security evaluation and provide guidance on the security status of classified protection targets; it is also applicable to network security functional departments when conducting supervision and inspection of the classified protection of cybersecurity.
Although compliance standards can be helpful guides to writing comprehensive security policies, many of the standards state the same requirements in slightly different ways. Information Security Policy Development for Compliance: ISO/IEC 27001, NIST SP 800-53, HIPAA Standard, PCI DSS V2.0, and AUP V5.0 provides a simplified way to write policies that meet the major regulatory requirements, without having to manually look up each and every control. Explaining how to write policy statements that address multiple compliance standards and regulatory requirements, the book will help readers elicit management opinions on information security and document the formal and informal procedures currently in place. Topics covered include: Entity-level policies and procedures Access-control policies and procedures Change control and change management System information integrity and monitoring System services acquisition and protection Informational asset management Continuity of operations The book supplies you with the tools to use the full range of compliance standards as guides for writing policies that meet the security needs of your organization. Detailing a methodology to facilitate the elicitation process, it asks pointed questions to help you obtain the information needed to write relevant policies. More importantly, this methodology can help you identify the weaknesses and vulnerabilities that exist in your organization. A valuable resource for policy writers who must meet multiple compliance standards, this guidebook is also available in eBook format. The eBook version includes hyperlinks beside each statement that explain what the various standards say about each topic and provide time-saving guidance in determining what your policy should include.
This glossary provides a central resource of definitions most commonly used in Nat. Institute of Standards and Technology (NIST) information security publications and in the Committee for National Security Systems (CNSS) information assurance publications. Each entry in the glossary points to one or more source NIST publications, and/or CNSSI-4009, and/or supplemental sources where appropriate. This is a print on demand edition of an important, hard-to-find publication.
Recipient of the SJSU San Jose State University Annual Author & Artist Awards 2018 Cybersecurity, or information technology security, focuses on protecting computers and data from criminal behavior. The understanding of human performance, capability, and behavior is one of the main areas that experts in cybersecurity focus on, both from a human-computer interaction point of view, and that of human factors. This handbook is a unique source of information from the human factors perspective that covers all topics related to the discipline. It includes new areas such as smart networking and devices, and will be a source of information for IT specialists, as well as other disciplines such as psychology, behavioral science, software engineering, and security management. Features Covers all areas of human-computer interaction and human factors in cybersecurity Includes information for IT specialists, who often desire more knowledge about the human side of cybersecurity Provides a reference for other disciplines such as psychology, behavioral science, software engineering, and security management Offers a source of information for cybersecurity practitioners in government agencies and private enterprises Presents new areas such as smart networking and devices
Risks and Security of Internet and Systems
Wiley CIA Exam Review 2013, Internal Audit Knowledge Elements
Guides, Standards and Frameworks
Cloud Audit Toolkit for Financial Regulators
Information security technology - Evaluation requirement for classified protection of cybersecurity [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net]
Modern Theories and Practices for Cyber Ethics and Security Compliance
This book proposes new technologies and discusses future solutions for ICT design infrastructures, as reflected in high-quality papers presented at the 6th International Conference on ICT for Sustainable Development (ICT4SD 2021), held in Goa, India, on 5–6 August 2021. The book covers the topics such as big data and data mining, data fusion, IoT programming toolkits and frameworks, green communication systems and network, use of ICT in smart cities, sensor networks and embedded system, network and information security, wireless and optical networks, security, trust, and privacy, routing and control protocols, cognitive radio and networks, and natural language processing. Bringing together experts from different countries, the book explores a range of central issues from an international perspective.
Authored by an internationally recognized expert in the field, this expanded, timely second edition addresses all the critical information security management issues needed to help businesses protect their valuable assets. Professionals learn how to manage business risks, governance and compliance. This updated resource provides a clear guide to ISO/IEC 27000 security standards and their implementation, focusing on the recent ISO/IEC 27001. Moreover, readers are presented with practical and logical information on standard accreditation and certification. From information security management system (ISMS) business context, operations, and risk, to leadership and support, this invaluable book is your one-stop resource on the ISO/IEC 27000 series of standards.
The censorship and surveillance of individuals, societies, and countries have been a long-debated ethical and moral issue. In consequence, it is vital to explore this controversial topic from all angles. Censorship, Surveillance, and Privacy: Concepts, Methodologies, Tools, and Applications is a vital reference source on the social, moral, religious, and political aspects of censorship and surveillance. It also explores the techniques of technologically supported censorship and surveillance. Highlighting a range of topics such as political censorship, propaganda, and information privacy, this multi-volume book is geared towards government officials, leaders, professionals, policymakers, media specialists, academicians, and researchers interested in the various facets of censorship and surveillance.
The 11thInternational Conference on Cyber Warfare and Security (ICCWS 2016) is being held at Boston University, Boston, USA on the 17-18th March 2016. The Conference Chair is Dr Tanya Zlateva and the Programme Chair is Professor Virginia Greiman, both from Boston University. ICCWS is a recognised Cyber Security event on the International research conferences calendar and provides a valuable platform for individuals to present their research findings, display their work in progress and discuss conceptual and empirical advances in the area of Cyber Warfare and Cyber Security. It provides an important opportunity for researchers and managers to come together with peers to share their experiences of using the varied and expanding range of Cyberwar and Cyber Security research available to them. The keynote speakers for the conference are Daryl Haegley from the Department of Defense (DoD), who will address the topic Control Systems Networks...What's in Your Building? and Neal Ziring from the National Security Agency who will be providing some insight to the issue of Is Security Achievable? A Practical Perspective. ICCWS received 125 abstract submissions this year. After the double blind, peer review process there are 43 Academic Research Papers 8 PhD papers Research papers, 7 Masters and 1 work-in-progress papers published in these Conference Proceedings. These papers represent work from around the world, including: Australia, Canada, China, Czech Republic, District of Columbia, Finland, France, Israel, Japan, Lebanon, Netherlands, Pakistan, Russian Federation, Saudi Arabia, South Africa, Turkey, United Arab Emirates, UK, USA.
Human-Computer Interaction and Cybersecurity Handbook
Digital Forensics
A Pocket Guide
Handbook of Research on Emerging Developments in Data Privacy
Industrial and Managerial Solutions for Tourism Enterprises
Proceedings of MLIS 2020
Create appropriate, security-focused business propositions that consider the balance between cost, risk, and usability, while starting your journey to become an information security manager. Covering a wealth of information that explains exactly how the industry works today, this book focuses on how you can set up an effective information security practice, hire the right people, and strike the best balance between security controls, costs, and risks. Practical Information Security Management provides a wealth of practical advice for anyone responsible for information security management in the workplace, focusing on the 'how' rather than the 'what'. Together we'll cut through the policies, regulations, and standards to expose the real inner workings of what makes a security management program effective, covering the full gamut of subject matter pertaining to security management: organizational structures, security architectures, technical controls, governance frameworks, and operational security. This book was not written to help you pass your CISSP, CISM, or CISMP or become a PCI-DSS auditor. It won't help you build an ISO 27001 or COBIT-compliant security management system, and it won't help you become an ethical hacker or digital forensics investigator - there are many excellent books on the market that cover these subjects in detail. Instead, this is a practical book that offers years of real-world experience in helping you focus on the getting the job done. What You Will Learn Learn the practical aspects of being an effective information security manager Strike the right balance between cost and risk Take security policies and standards and make them work in reality Leverage complex security functions, such as Digital Forensics, Incident Response and Security Architecture Who This Book Is For"/div>divAnyone who wants to make a difference in offering effective security management for their business. You might already be a security manager seeking insight into areas of the job that you've not looked at before, or you might be a techie or risk guy wanting to switch into this challenging new career. Whatever your career goals are, Practical Security Management has something to offer you.
Machine learning and artificial intelligence are already widely applied to facilitate our daily lives, as well as scientific research, but with the world currently facing a global COVID-19 pandemic, their capacity to provide an important tool to support those searching for a way to combat the novel corona virus has never been more important. This book presents the proceedings of the International Conference on Machine Learning and Intelligent Systems (MLIS 2020), which was due to be held in Seoul, Korea, from 25-28 October 2020, but which was delivered as an online conference on the same dates due to COVID-19 restrictions. MLIS 2020 was the latest in a series of annual conferences that aim to provide a platform for exchanging knowledge about the most recent scientific and technological advances in the field of machine learning and intelligent systems. The annual conference also strengthens links within the scientific community in related research areas. The book contains 53 papers, selected from more than 160 submissions and presented at MLIS 2020. Selection was based on the results of review and scored on: originality, scientific/practical significance, compelling logical reasoning and language. Topics covered include: data mining, image processing, neural networks, human health, natural language processing, video processing, computational intelligence, expert systems, human-computer interaction, deep learning, and robotics. Offering a current overview of research and developments in machine learning and artificial intelligence, the book will be of interest to all those working in the field.
The most comprehensive Certified Internal Auditor Exam preparation guide available One exam, three volumes of preparation. Here is the best source to help you prepare for the Certified Internal Auditor (CIA) exam covering the new syllabus, effective 2013. Wiley CIA Exam Review, Volume 3: Business Analysis and Information Technology addresses topics such as governance and business ethics; risk management; organizational structure, business processes, and risks; communication; management and leadership principles; information technology and business continuity; financial management; and global business environment. Includes fully developed theories and concepts, as opposed to superficial outlines found in other study guides Offers indicators that help candidates allot study time based on the weight given to each topic on the exam Indicates the level of difficulty expected for each topic on the exam as either "Awareness" or "Proficiency" so more time and effort can be assigned for the proficiency topics than for the awareness topics Presents highly comprehensive coverage of theory with glossary of technical terms Every volume in the Wiley CIA Exam Review series offers a successful learning system of visual aids and memorization techniques that enable certification candidates to form long-lasting impressions of covered material.
This book constitutes the proceedings of the 17th International Conference on Risks and Security of Internet and Systems, CRiSIS 2021, which took place during November 11-13, 2021. The conference was originally planned to take place in Ames, IA, USA, but had to change to an online format due to the COVID-19 pandemic. The 9 full and 3 short papers included in this volume were carefully reviewed and selected from 23 submissions. The papers were organized in topical sections named: CPS and hardware security; attacks, responses, and security management; network and data security.
IT Governance and Information Security
Developments in Information & Knowledge Management for Business Applications
18th European Conference on Knowledge Management (ECKM 2017)
Research Anthology on Privatizing and Securing Data
Principles of Health Interoperability
IT Governance
This book provides practical knowledge on different aspects of information and knowledge management in businesses. For enterprises/businesses those intend to remain prosperous and prolific, it is critically important to share best practices, ensure efficient information flow across company, capturing shared knowledge centrally, and communicate compliance rules, i.e. managing competently information in general. It enables faster and better decisions by helping employees' to build a strong expertise and by avoiding duplicated projects. Thus, the second volume of this series subline continues to explore different aspects of information and knowledge handling as well as doing business with information. We survey further the key aspects of managerial implications of the informational business. The novel methodologies and practices for the business information processing as well as application of mathematical models to the business analytics and efficient management are examined.
Quickly understand the principles of information security.
Explores key challenges and solutions to assured cloud computing today and provides a provocative look at the face of cloud computing tomorrow This book offers readers a comprehensive suite of solutions for resolving many of the key challenges to achieving high levels of assurance in cloud computing. The distillation of critical research findings generated by the Assured Cloud Computing Center of Excellence (ACC-UCoE) of the University of Illinois, Urbana-Champaign, it provides unique insights into the current and future shape of robust, dependable, and secure cloud-based computing and data cyberinfrastructures. A survivable and distributed cloud-computing-based infrastructure can enable the configuration of any dynamic systems-of-systems that contain both trusted and partially trusted resources and services sourced from multiple organizations. To assure mission-critical computations and workflows that rely on such systems-of-systems it is necessary to ensure that a given configuration does not violate any security or reliability requirements. Furthermore, it is necessary to model the trustworthiness of a workflow or computation fulfillment to a high level of assurance. In presenting the substance of the work done by the ACC-UCoE, this book provides a vision for assured cloud computing illustrating how individual research contributions relate to each other and to the big picture of assured cloud computing. In addition, the book: Explores dominant themes in cloud-based systems, including design correctness, support for big data and analytics, monitoring and detection, network considerations, and performance Synthesizes heavily cited earlier work on topics such as DARE, trust mechanisms, and elastic graphs, as well as newer research findings on topics, including R-Storm, and RAMP transactions Addresses assured cloud computing concerns such as game theory, stream processing, storage, algorithms, workflow, scheduling, access control, formal analysis of safety, and streaming Bringing together the freshest thinking and applications in one of today's most important topics, Assured Cloud Computing is a must-read for researchers and professionals in the fields of computer science and engineering, especially those working within industrial, military, and governmental contexts. It is also a valuable reference for advanced students of computer science.
This comprehensive guide serves to illuminate the rise and development of FinTech in Sweden, with the Internet as the key underlying driver. The multiple case studies examine topics such as: the adoption of online banking in Sweden; the identification and classification of different FinTech categories; process innovation developments within the traditional banking industry; and the Venture Capital (VC) landscape in Sweden, as shown through interviews with VC representatives, mainly from Sweden but also from the US and Germany, as well as offering insight into the companies that are currently operating in the FinTech arena in Sweden. The authors address questions such as: How will the regulatory landscape shape the future of FinTech companies? What are the factors that will likely drive the adoption of FinTech services in the future? What is the future role of banks in the context of FinTech and digitalization? What are the policies and government initiatives that aim to support the FinTech ecosystem in Sweden? Complex concepts and ideas are rendered in an easily digestible yet thought-provoking way. The book was initiated by the IIS (the Internet Foundation in Sweden), an independent organization promoting the positive development of the Internet in the country. It is also responsible for the Internet's Swedish top-level domain .se, including the registration of domain names, and the administration and technical maintenance of the national domain name registry. The book illustrates how Sweden acts (or does not act) as a competitive player in the global FinTech arena, and is a vital addition to students and practitioners in the field.
Practical Information Security Management
13th International Conference, SPICE 2013, Bremen, Germany, June 4-6, 2013. Proceedings
SNOMED CT, HL7 and FHIR
Software Process Improvement and Capability Determination
A Complete Guide to Planning and Implementation
Cyber Law in Bangladesh
Information is the currency of the information age and in many cases is the most valuable asset possessed by an organisation. Information security management is the discipline that focuses on protecting and securing these assets against the threats of natural disasters, fraud and other criminal activity, user error and system failure. Effective information security can be defined as the 'preservation of confidentiality, integrity and availability of information.' This book describes the approach taken by many organisations to realise these objectives. It discusses how information security cannot be achieved through technological means alone, but should include factors such as the organisation's approach to risk and pragmatic day-to-day business operations. This Management Guide provides an overview of the implementation of an Information Security Management System that conforms to the requirements of ISO/IEC 27001:2005 and which uses controls derived from ISO/IEC 17799:2005. It covers the following: Certification Risk Documentation and Project Management issues Process approach and the PDCA cycle Preparation for an Audit
This book constitutes the refereed proceedings of the 13th International Conference on Software Process Improvement and Capability Determination, SPICE 2013, held in Bremen, Germany, in June 2013. The 21 revised full papers presented and 7 short papers were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on process quality; medical device software processes; design and use of process models; studies of software development; agile development; IT service management; assessment for diagnosis.
With the immense amount of data that is now available online, security concerns have been an issue from the start, and have grown as new technologies are increasingly integrated in data collection, storage, and transmission. Online cyber threats, cyber terrorism, hacking, and other cybercrimes have begun to take advantage of this information that can be easily accessed if not properly handled. New privacy and security measures have been developed to address this cause for concern and have become an essential area of research within the past few years and into the foreseeable future. The ways in which data is secured and privatized should be discussed in terms of the technologies being used, the methods and models for security that have been developed, and the ways in which risks can be detected, analyzed, and mitigated. The Research Anthology on Privatizing and Securing Data reveals the latest tools and technologies for privatizing and securing data across different technologies and industries. It takes a deeper dive into both risk detection and mitigation, including an analysis of cybercrimes and cyber threats, along with a sharper focus on the technologies and methods being actively implemented and utilized to secure data online. Highlighted topics include information governance and privacy, cybersecurity, data protection, challenges in big data, security threats, and more. This book is essential for data analysts, cybersecurity professionals, data scientists, security analysts, IT specialists, practitioners, researchers, academicians, and students interested in the latest trends and technologies for privatizing and securing data.
For many companies, their intellectual property can often be more valuable than their physical assets. Having an effective IT governance strategy in place can protect this intellectual property, reducing the risk of theft and infringement. Data protection, privacy and breach regulations, computer misuse around investigatory powers are part of a complex and often competing range of requirements to which directors must respond. There is increasingly the need for an overarching information security framework that can provide context and coherence to compliance activity worldwide. IT Governance is a key resource for forward-thinking managers and executives at all levels, enabling them to understand how decisions about information technology in the organization should be made and monitored, and, in particular, how information security risks are best dealt with. The development of IT governance - which recognises the convergence between business practice and IT management - makes it essential for managers at all levels, and in organizations of all sizes, to understand how best to deal with information security risk. The new edition has been full updated to take account of the latest regulatory and technological developments, including the creation of the International Board for IT Governance Qualifications. IT Governance also includes new material on key international markets - including the UK and the US, Australia and South Africa.
Machine Learning and Artificial Intelligence
Information Technology for Peace and Security
IT Applications and Infrastructures in Conflicts, Crises, War, and Peace
Implementing the ISO/IEC 27001:2013 ISMS Standard
GB/T 28448-2019: Translated English of Chinese Standard. (GBT 28448-2019, GB/T28448-2019, GBT28448-2019)
An International Guide to Data Security and ISO27001/ISO27002
A Guide to the National Initiative for Cybersecurity Education (NICE) Cybersecurity Workforce Framework (2.0) presents a comprehensive discussion of the tasks, knowledge, skill, and ability (KSA) requirements of the NICE Cybersecurity Workforce Framework 2.0. It discusses in detail the relationship between the NICE framework and the NIST's cybersecurity framework (CSF), showing how the NICE model specifies what the particular specialty areas of the workforce should be doing in order to ensure that the CSF's identification, protection, defense, response, or recovery functions are being carried out properly. The authors construct a detailed picture of the proper organization and conduct of a strategic infrastructure security operation, describing how these two frameworks provide an explicit definition of the field of cybersecurity. The book is unique in that it is based on well-accepted standard recommendations rather than presumed expertise. It is the first book to align with and explain the requirements of a national-level initiative to standardize the study of information security. Moreover, it contains knowledge elements that represent the first fully validated and authoritative body of knowledge (BOK) in cybersecurity. The book is divided into two parts: The first part is comprised of three chapters that give you a comprehensive understanding of the structure and intent of the NICE model, its various elements, and their detailed contents. The second part contains seven chapters that introduce you to each knowledge area individually. Together, these parts help you build a comprehensive understanding of how to organize and execute a cybersecurity workforce definition using standard best practice.
Data processing, Computers, Management, Data security, Data storage protection, Anti-burglar measures, Information systems, Documents, Records (documents), Classification systems, Computer technology, Computer networks, Technical documents, Maintenance, Information exchange
"This reference book considers all emerging aspects of cybersecurity in the business sector including frameworks, models, best practices, and emerging areas of interest, discussing items such as audits and risk assessments that businesses can conduct to ensure the security of their systems, training and awareness initiatives for staff that promotes a security culture and software and systems that can be used to secure and manage cybersecurity threats"--
This book provides an introduction to health interoperability and the main standards used. Health interoperability delivers health information where and when it is needed. Everybody stands to gain from safer more soundly based decisions and less duplication, delays, waste and errors. The third edition of Principles of Health Interoperability includes a new part on FHIR (Fast Health Interoperability Resources), the most important new health interoperability standard for a generation. FHIR combines the best features of HL7's v2, v3 and CDA while leveraging the latest web standards and a tight focus on implementability. FHIR can be implemented at a fraction of the price of existing alternatives and is well suited for use in mobile phone apps, cloud communications and EHRs. The book is organised into four parts. The first part covers the principles of health interoperability, why it matters, why it is hard and why models are an important part of the solution. The second part covers clinical terminology and SNOMED CT. The third part covers the main HL7 standards: v2, v3, CDA and IHE XDS. The new fourth part covers FHIR and has been contributed by Grahame Grieve, the original FHIR chief.
11th International Conference on Cyber Warfare and Security
An Introduction to Information Security and ISO27001:2013
ISO/IEC 27001, NIST SP 800-53, HIPAA Standard, PCI DSS V2.0, and AUP V5.0
Proceedings of 4th Computational Methods in Systems and Software 2020, Vol.1
Information Security Risk Management for ISO27001/ISO27002
Software Engineering Perspectives in Intelligent Systems
Developments in Information & Knowledge Management for Business ApplicationsVolume 2Springer Nature

This book is intended for everyone in an organization who wishes to have a basic understanding of information security. Knowledge about information security is important to all employees. It makes no difference if you work in a profit- or non-profit organization because the risks that organizations face are similar for all organizations.It clearly explains the approaches that most organizations can consider and implement which helps turn Information Security management into an approachable, effective and well-understood tool. It covers: The quality requirements an organization may have for information; The risks associated with these quality requirements; The countermeasures that are necessary to mitigate these risks; Ensuring business continuity in the event of a disaster; When and whether to report incidents outside the organization.The information security concepts in this revised edition are based on the ISO/IEC27001:2013 and ISO/IEC27002:2013 standards. But the text also refers to the other relevant international standards for information security. The text is structured as follows: Fundamental Principles of Security and Information security and Risk management. Architecture, processes and information, needed for basic understanding of what information security is about. Business Assets are discussed. Measures that can be taken to protect information assets. (Physical measures, technical measures and finally the organizational measures.)The primary objective of this book is to achieve awareness by students who want to apply for a basic information security examination. It is a source of information for the lecturer who wants to question information security students about their knowledge. Each chapter ends with a case study. In order to help with the understanding and coherence of each subject, these case studies include questions relating to the areas covered in the relevant chapters. Examples of recent events that illustrate the vulnerability of information are also included.This book is primarily developed as a study book for anyone who wants to pass the ISFS (Information Security Foundation) exam of EXIN. In an appendix an ISFS model exam is given, with feedback to all multiple choice options, so that it can be used as a training for the real ISFS exam.

The definitive text for students of digital forensics, as well as professionals looking to deepen their understanding of an increasingly critical field Written by faculty members and associates of the world-renowned Norwegian Information Security Laboratory (NisLab) at the Norwegian University of Science and Technology (NTNU), this textbook takes a scientific approach to digital forensics ideally suited for university courses in digital forensics and information security. Each chapter was written by an accomplished expert in his or her field, many of them with extensive experience in law enforcement and industry. The author team comprises experts in digital forensics, cybercrime law, information security and related areas. Digital forensics is a key competency in meeting the growing risks of cybercrime, as well as for criminal investigation generally. Considering the astonishing pace at which new information technology – and new ways of exploiting information technology – is brought on line, researchers and practitioners regularly face new technical challenges, forcing them to continuously upgrade their investigatory skills. Designed to prepare the next generation to rise to those challenges, the material contained in Digital Forensics has been tested and refined by use in both graduate and undergraduate programs and subjected to formal evaluations for more than ten years. Encompasses all aspects of the field, including methodological, scientific, technical and legal matters Based on the latest research, it provides novel insights for students, including an informed look at the future of digital forensics Includes test questions from actual exam sets, multiple choice questions suitable for online use and numerous visuals, illustrations and case example images Features real-word examples and scenarios, including court cases and technical problems, as well as a rich library of academic references and references to online media Digital Forensics is an excellent introductory text for programs in computer science and computer engineering and for master degree programs in military and police education. It is also a valuable reference for legal practitioners, police officers, investigators, and forensic practitioners seeking to gain a deeper understanding of digital forensics and cybercrime.

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