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Proceedings of International Symposium on Sensor Networks, Systems and Security Nageswara S.V. Rao 2018-05-23 This book presents current trends that are dominating technology and society, including privacy, high performance computing in the cloud, networking and IoT, and bioinformatics. By providing chapters detailing accessible descriptions of the research frontiers in each of these domains, the reader is provided with a unique understanding of what is currently feasible. Readers are also given a vision of what these technologies can be expected to produce in the near future. The topics are covered comprehensively by experts in respective areas. Each section includes an overview that puts the research topics in perspective and integrates the sections into an overview of how technology is evolving. The book represents the proceedings of the International Symposium on Sensor Networks, Systems and Security, August 31 – September 2, 2017, Lakeland Florida.

CRYPTOGRAPHY AND NETWORK SECURITY PRAKASH C. GUPTA 2014-11-01 The book is intended for the undergraduate and postgraduate students of computer science and engineering and information technology, and the students of master of computer applications. The purpose of this book is to introduce this subject as a comprehensive text which is self contained and covers all the aspects of network security. Each chapter is divided into sections and subsections to facilitate design of the curriculum as per the academic needs. The text contains numerous examples and illustrations that enhance conceptual clarity. Each chapter has set of problems at the end of chapter that inspire the reader to test his understanding of the subject. Answers to most of the problems are given at the end of the book. Key Features • The subject matter is illustrated with about 200 figures and numerous examples at every stage of learning. • The list of recommended books, technical articles, and standards is included chapter-wise at the end of the book. • An exhaustive glossary and a list of frequently used acronyms are also given. • The book is based on the latest versions of the protocols (TLS, IKE, IPsec, S/MIME, Kerberos, X.509 etc.).

CIO 2001-05-15

Building the Infrastructure for Cloud Security Raghuram Yeluri 2014-03-29 For cloud users and providers alike, security is an everyday concern, yet there are very few books covering cloud security as a main subject. This book will help address this information gap from an Information Technology solution and usage-centric view of cloud infrastructure security. The book highlights the fundamental technology components necessary to build and enable trusted clouds. Here also is an explanation of the security and compliance challenges organizations face as they migrate mission-critical applications to the cloud, and how trusted clouds, that have their integrity rooted in hardware, can address these challenges. This book provides: Use cases and solution reference architectures to enable infrastructure integrity and the creation of trusted pools leveraging Intel Trusted Execution Technology (TXT). Trusted geo-location management in the cloud, enabling workload and data location compliance and boundary control usages in the cloud. OpenStack-based reference architecture of tenant-controlled virtual machine and workload protection in the cloud. A reference design to enable secure hybrid clouds for a cloud bursting use case, providing infrastructure visibility and control to organizations. "A valuable guide to the next generation of cloud security and hardware based root of trust. More than an explanation of the what and how, is the explanation of why. And why you can't afford to ignore it!" —Vince Lubsey, Vice President, Product Development, Virtustream Inc. " Raghu provides a valuable reference for the new 'inside out' approach, where trust in hardware, software, and privileged users is never assumed—but instead measured, attested, and limited according to least privilege principles." —John Skinner, Vice President, HyTrust Inc. "Traditional parameter based defenses are in sufficient in the cloud. Raghu's book addresses this problem head-on by highlighting unique usage models to enable trusted infrastructure in this open environment. A must read if you are exposed in cloud." —Nikhil Sharma, Sr. Director of Cloud Solutions, Office of CTO, EMC Corporation

Cyber Security in Parallel and Distributed Computing Dac-Nhuong Le 2019-03-20 The main objective of this book is to explore the concept of cybersecurity in parallel and distributed computing along with recent research developments in the field. It also includes various real-time/offline applications and case studies in the fields of engineering and computer science and the modern tools and technologies used. Information on cybersecurity technologies is organized in the fifteen chapters of this book. This important book cover subjects such as: Research and solutions for the problem of hidden image detection Security aspects of data mining and possible solution techniques A comparative analysis of various methods used in e-commerce security and how to perform secure payment transactions in an efficient manner Blockchain technology and how it is crucial to the security industry Security for the Internet of Things Security issues and challenges in distributed computing security such as heterogeneous computing, cloud computing, fog computing, etc. Demonstrates the administration task issue in unified cloud situations as a multi-target enhancement issue in light of security Explores the concepts of cybercrime and cybersecurity and presents the statistical impact it is having on organizations Highlights some strategies for maintaining the privacy, integrity, confidentiality and availability of cyber information and its real-world impacts such as mobile security software for secure email and online banking, cyber health check programs for business, cyber incident response management, cybersecurity risk management Security policies and mechanisms, various categories of attacks (e.g., denial-of-service), global security architecture, along with distribution of security mechanisms Security issues in the healthcare sector with existing solutions and emerging threats.

Formal to Practical Security Véronique Cortier 2009-05-25 This State-of-the-Art Survey contains a collection of papers originating in the French-Japanese Collaboration on Formal to Practical Security that have crystallized around workshops held in Tokyo and Nancy between 2005 and 2008. These publications mirror the importance of the collaborations in the various fields of computer science to solve these problems linked with other sciences and techniques as well as the importance of bridging the formal theory and practical applications. The 10 papers presented address issues set by the global digitization of our society and its impact on social organization like privacy, economics, environmental policies, national sovereignty, as well as medical environments. The contents cover various aspects of security, cryptography, protocols, biometry and static analysis. This book is aimed at researchers interested in new results but it also serves as an entry point for readers interested in this domain.

Departments of Labor, Health and Human Services, Education, and Related Agencies Appropriations for 2001: Department of Labor United States.

Congress. House. Committee on Appropriations. Subcommittee on the Departments of Labor, Health and Human Services, Education, and Related Agencies 2000

***Information Systems Security** Sokratis Katsikas 1996-05-31 State-of-the-art review of current perspectives in information systems security*

***The Comparative Law Yearbook of International Business** Christian Campbell 2020-10-15 The 42nd issue of the Comparative Law Yearbook of International Business addresses a diverse range of topical issues of national and international consequence. Ranging from an analysis of the pari passu principle and its operation in corporate insolvency in the UK, to international trends regarding mediation and its future development under the new Singapore Convention, the findings presented in the 10 chapters of this edition will interest both those involved in and those studying the legal regime for cross-border business activities. Authors from Argentina, Brazil, Colombia, France, Italy, Japan, Poland, Russia, Taiwan, and the United States of America examine a panoply of matters, e.g. relating to anti-corruption measures, arbitration, company law, competition law, financial law and mediation. The comparative analysis serves to highlight the strengths and weaknesses of approaches adopted, in particular jurisdictions by juxtaposing them with their equivalents in others in North America, Europe and beyond.*

***PC Mag** 2005-05-10 PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.*

***Emergent Behavior in System of Systems Engineering** Larry B. Rainey 2022-08-05 "This book compiles real-world case studies on discovering, understanding and engineering emergent behaviors in a computational environment across multiple application domains such as wargaming, biology, IoT, disaster management and space architecting. All the application domains are described through an undercurrent of System of Systems (SoS) engineering in conjunction with theoretical foundations required for engineering a Modeling and Simulation SoS capable of displaying valid emergent behavior. An excellent read and state-of-the-art in M&S of emergent behavior in complex systems!" --Dr. Saurabh Mittal, Department Chief Scientist, The MITRE Corporation This book is the of its kind to address real-world applications of the phenomenon of emergent behavior in real-world system of systems. It launches from the foundation of theory and basic understanding of the subject of emergent behavior as found in system of systems applications. It includes real-world examples where emergent behavior is manifested. Each chapter addresses the following major points, which are exploratory in nature: the physical results of the presence of emergent behavior; the implications for the existence of emergent behavior; the manifestation of emergent behavior; and methods to either control emergent behavior assuming its effects are negative in nature, or capitalize on emergent behavior given its effects are positive in nature.*

***Energy and Water Development Appropriations for 2011** United States. Congress. House. Committee on Appropriations. Subcommittee on Energy and Water Development 2010*

Statistical Journal of the United Nations Economic Commission for Europe 2003

Computer Security United States. Congress. House. Committee on Government Reform. Subcommittee on Government Management, Information, and Technology 2001

***Beyond Machiavelli, Second Edition** Beryl A. Radin 2013 In this new edition of Beyond Machiavelli, Beryl Radin updates her popular overview of the field of policy analysis. Radin, winner of the John Gaus Award from the American Political Science Association, considers the critical issues that confront the policy analysis practitioner, changes in the field, including the globalization of policy analysis, and the dramatic changes in the policy environment. She examines schools and careers; the conflict between the imperatives of analysis and the world of politics; the analytic tools that have been used, created, or discarded over the past fifty years; the relationship between decision makers and analysts as the field has multiplied and spread; and the assumptions about the availability and appropriateness of information that can be used in the analytic task. Once found largely in the United States, policy analysis has become global, and Radin discusses the field's new paradigms, methodologies and concepts of success. This new edition considers changes in expertise, controversies in the field, today's career prospects, and the impact of 9/11 on the field. She profiles three additional policy analysis organizations and updates the profiles of the organizations in the first edition. Continuing the trajectory of the fictional characters from the first edition, Radin adds a character representing the new generation just entering the field. The book discusses the shifts in society's attitudes toward public action, the availability of resources to meet public needs, and the dimensions of policymaking. Written for students, faculty, and practitioners, the book concludes with a look at the possible dimensions of the policy analysis field and profession as it moves into the future.*

Finding Solutions to the Challenges Facing the U.S. Postal Service United States. Congress. Senate. Committee on Homeland Security and Governmental Affairs. Subcommittee on Federal Financial Management, Government Information, Federal Services, and International Security 2011

***Departments of Labor, Health and Human Services, Education, and Related Agencies Appropriations for 2004** United States. Congress. House. Committee on Appropriations. Subcommittee on the Departments of Labor, Health and Human Services, Education, and Related Agencies 2003*

Private Solutions for Infrastructure in Angola 2005-01-01 "After the conflict ended in Angola, the country was faced with development challenges in economic and social conditions. The Government needed direction and reforms to encourage private sector participation to meet Angola's vast infrastructure needs in electricity and gas, water and sanitation, transport, and telecommunications. Private Solutions for Infrastructure in Angola provides an objective assessment of Angola's general environment for private sector participation in infrastructure. The main purpose of the book is to assist the Government of Angola in developing policies and a framework for the promotion of private participation in the rebuilding and development of the country's infrastructure. This book focuses on maximizing the role and contribution of the private sector in infrastructure and it analyzes and documents the barriers, opportunities, and measures to promote private participation in infrastructure over the period 2005-2020. The book also provides a summary of the action plan of the short, medium, and long-term steps to facilitate private sector participation."

***108-1 Hearings: Departments of Labor, Health and Human Services, Education, and Related Agencies Appropriations For 2004, Part 1, April 10, 2003, *** 2003*

Private Solutions for Infrastructure 2000 The report has three main objectives: to describe and assess the current status and performance of key infrastructure sectors; to describe and assess the policy, regulatory and institutional environment for involving the pricate sector in those areas; to assist policymakers in framing future reform and development strategies. Vietnam has experienced signinficant improvement in the supply of infrastructure, reflected in the growth in exports and gross domestic product, but the performance is still short of the governments targets. Efforts are being made to improve the business environment - Vietnam has been trying to attract private investment since 1993 - but a number of problems remain.

***Intrusion Detection Networks** Carol Fung 2013-11-19 The rapidly increasing sophistication of cyber intrusions makes them nearly impossible to detect without the use of a collaborative intrusion detection network (IDN). Using overlay networks that allow an intrusion detection system (IDS) to exchange information, IDNs can dramatically improve your overall intrusion detection accuracy. Intrusion Detection Networks: A Key to Collaborative Security focuses on the design of IDNs and explains how to leverage effective and efficient collaboration between participant IDSs. Providing a complete introduction to IDSs and IDNs, it explains the benefits of building IDNs, identifies the challenges underlying their design, and outlines possible solutions to these problems. It also reviews the full-range of proposed IDN solutions—analyzing their scope, topology, strengths, weaknesses, and limitations. Includes a case study that examines the applicability of collaborative intrusion detection to real-world malware detection scenarios Illustrates distributed IDN architecture design Considers trust management, intrusion detection decision making, resource management, and collaborator management The book provides a complete overview of network intrusions, including their potential damage and corresponding detection methods.*

Covering the range of existing IDN designs, it elaborates on privacy, malicious insiders, scalability, free-riders, collaboration incentives, and intrusion detection efficiency. It also provides a collection of problem solutions to key IDN design challenges and shows how you can use various theoretical tools in this context. The text outlines comprehensive validation methodologies and metrics to help you improve efficiency of detection, robustness against malicious insiders, incentive-compatibility for all participants, and scalability in network size. It concludes by highlighting open issues and future challenges.

ISSE 2005 — Securing Electronic Business Processes Sachar Paulus 2005-09-27 This book presents the most interesting talks given at ISSE 2005 - the forum for the interdisciplinary discussion of how to adequately secure electronic business processes. The topics include: Corporate Governance and why security implies to control the enterprise - Risk Management and how to quantify security threats - Secure Computing and how it will change the way we trust computers - Digital Rights Management and the protection of corporate information. Adequate information security is one of the basic requirements of all electronic business processes. It is crucial for effective solutions that the possibilities offered by security technology can be integrated with the commercial requirements of the applications. The reader may expect state-of-the-art: best papers of the Conference ISSE 2005.

Homeland Security Handbook for Citizens and Public Officials Roger L. Kemp 2006-03-16 "This handbook collects essays documenting numerous best practices in homeland security from throughout the United States since the attacks of September 11, 2001. The essays describe case studies from the municipal level to the federal government. Also co

Proceedings 2003 VLDB Conference VLDB 2003-12-02 Proceedings of the 29th Annual International Conference on Very Large Data Bases held in Berlin, Germany on September 9-12, 2003. Organized by the VLDB Endowment, VLDB is the premier international conference on database technology.

Public Procurement, Innovation and Policy Veiko Lember 2013-09-30 This book maps the latest developments in public procurement of innovation policy in various contexts and analyzes the evolution and development of the various policy solutions in broader institutional contexts. In doing so, it addresses significant theoretical and practical gaps: On the one hand, there is an emerging interest in public procurement as a policy tool for spurring innovation; yet on the other hand, the current theory, with some notable exceptions, is guided and often constrained by historical applications, above all in the defence industries. By carefully examining the cases of eleven countries, the book points to the existence of much more nuanced public procurement on the innovation policy landscape than has been acknowledged in the academic and policy debates to date.

Cyber Security and Digital Forensics Sabyasachi Pramanik 2022-01-12 CYBER SECURITY AND DIGITAL FORENSICS Cyber security is an incredibly important issue that is constantly changing, with new methods, processes, and technologies coming online all the time. Books like this are invaluable to professionals working in this area, to stay abreast of all of these changes. Current cyber threats are getting more complicated and advanced with the rapid evolution of adversarial techniques. Networked computing and portable electronic devices have broadened the role of digital forensics beyond traditional investigations into computer crime. The overall increase in the use of computers as a way of storing and retrieving high-security information requires appropriate security measures to protect the entire computing and communication scenario worldwide. Further, with the introduction of the internet and its underlying technology, facets of information security are becoming a primary concern to protect networks and cyber infrastructures from various threats. This groundbreaking new volume, written and edited by a wide range of professionals in this area, covers broad technical and socio-economic perspectives for the utilization of information and communication technologies and the development of practical solutions in cyber security and digital forensics. Not just for the professional working in the field, but also for the student or academic on the university level, this is a must-have for any library. Audience: Practitioners, consultants, engineers, academics, and other professionals working in the areas of cyber analysis, cyber security, homeland security, national defense, the protection of national critical infrastructures, cyber-crime, cyber vulnerabilities, cyber-attacks related to network systems, cyber threat reduction planning, and those who provide leadership in cyber security management both in public and private sectors

Energy and Water Development Appropriations for 2011, Part 1B, 2010, 111-2 Hearings 2010

Soviet Intelligence and Security Services: 1964-70 Library of Congress. Congressional Research Service 1972

Corporate Social Responsibility Kathryn Haynes 2012-09-10 Concepts of corporate social responsibility (CSR) are widely used by businesses, professional bodies and academics, but are also widely contested. CSR is usually described as comprising three elements: environmental, economic and social, though there is no serious consensus on how to go about translating ideas into practice. This research handbook addresses some key areas of contention, theory and practice within CSR in order to address, challenge and inform debate in academia and practice. The collaborative text extends understanding of CSR through articulating current thinking on each facet of a vital subject. Each theme is represented by inter-disciplinary discussion of key questions on CSR by researchers and practitioners in the field. In doing so, the book: Explores and critiques CSR goals, and national, organizational and managerial strategies Reviews the distinctive role and importance of CSR to academics, professionals and practitioners and identifies appropriate bridging strategies Evaluates the nature, direction and applicability of selected theoretical dimensions which inform the understanding of CSR Assesses the opportunities for theory building, to support further understanding of the complexities of CSR and the sustainability and long term value of CSR practice to corporations and civil society This timely and significant contribution to the theory and practice of CSR will prove to be vital reading for students, researchers and practitioners involved with the field. It will also become a key reference for anyone with an interest in business and society.

Water for Food Security and Well-being in Latin America and the Caribbean Bárbara A. Willaarts 2014-04-24 This volume provides an analytical and facts-based overview on the progress achieved in water security in Latin America and the Caribbean (LAC) region over during the last decade, and its links to regional development, food security and human well-being. Although the book takes a regional approach, covering a vast of data pertaining to most of the LAC region, some chapters focus on seven countries (Argentina, Brazil, Chile, Colombia, Costa Rica, Mexico and Peru). A full understanding of LAC's trends progress requires framing this region in the global context: an ever more globalized world where LAC has an increasing geopolitical power and a growing presence in international food markets. The book's specific objectives are: (1) exploring the improvements and links between water and food security in LAC countries; (2) assessing the role of the socio-economic 'megatrends' in LAC, identifying feedback processes between the region's observed pattern of changes regarding key biophysical, economic and social variables linked to water and food security; and (3) reviewing the critical changes that are taking place in the institutional and governance water spheres, including the role of civil society, which may represent a promising means to advancing towards the goal of improving water security in LAC. The resulting picture shows a region where recent socioeconomic development has led to important advances in the domains of food and water security. Economic growth in LAC and its increasingly important role in international trade are intense in terms of use of natural resources such as land, water and energy. This poses new and important challenges for sustainable development. The reinforcement of national and global governance schemes and their alignment on the improvement of human well-being is and will remain an inescapable prerequisite to the achievement of long-lasting security. Supporting this bold idea with facts and science-based conclusions is the ultimate goal of the book.

Contemporary Security Management David Patterson 2017-10-27 Contemporary Security Management, Fourth Edition, identifies and condenses into clear language the principal functions and responsibilities for security professionals in supervisory and managerial positions. Managers will learn to understand the mission of the corporate security department and how the mission intersects with the missions of other departments. The book assists managers with the critical interactions they will have with decision makers at all levels of an organization, keeping them aware of the many corporate

rules, business laws, and protocols of the industry in which the corporation operates. Coverage includes the latest trends in ethics, interviewing, liability, and security-related standards. The book provides concise information on understanding budgeting, acquisition of capital equipment, employee performance rating, delegated authority, project management, counseling, and hiring. Productivity, protection of corporate assets, and monitoring of contract services and guard force operations are also detailed, as well as how to build quality relationships with leaders of external organizations, such as police, fire and emergency response agencies, and the Department of Homeland Security. Focuses on the evolving characteristics of major security threats confronting any organization Assists aspirants for senior security positions in matching their personal expertise and interests with particular areas of security management Includes updated information on the latest trends in ethics, interviewing, liability, and security-related standards

Hacking Exposed Wireless, Third Edition Joshua Wright 2015-03-19 Exploit and defend against the latest wireless network attacks Learn to exploit weaknesses in wireless network environments using the innovative techniques in this thoroughly updated guide. Inside, you'll find concise technical overviews, the latest attack methods, and ready-to-deploy countermeasures. Find out how to leverage wireless eavesdropping, break encryption systems, deliver remote exploits, and manipulate 802.11 clients, and learn how attackers impersonate cellular networks. Hacking Exposed Wireless, Third Edition features expert coverage of ever-expanding threats that affect leading-edge technologies, including Bluetooth Low Energy, Software Defined Radio (SDR), ZigBee, and Z-Wave. Assemble a wireless attack toolkit and master the hacker's weapons Effectively scan and enumerate WiFi networks and client devices Leverage advanced wireless attack tools, including Wifite, Scapy, Pyrit, Metasploit, KillerBee, and the Aircrack-ng suite Develop and launch client-side attacks using Ettercap and the WiFi Pineapple Hack cellular networks with Airprobe, Kraken, Pytacle, and YateBTS Exploit holes in WPA and WPA2 personal and enterprise security schemes Leverage rogue hotspots to deliver remote access software through fraudulent software updates Eavesdrop on Bluetooth Classic and Bluetooth Low Energy traffic Capture and evaluate proprietary wireless technology with Software Defined Radio tools Explore vulnerabilities in ZigBee and Z-Wave-connected smart homes and offices Attack remote wireless networks using compromised Windows systems and built-in tools

ISSE/SECURE 2007 Securing Electronic Business Processes Norbert Pohlmann 2007-12-18 This book presents the most interesting talks given at ISSE/SECURE 2007 - the forum for the interdisciplinary discussion of how to adequately secure electronic business processes. The topics include: Identity Management, Information Security Management - PKI-Solutions, Economics of IT-Security - Smart Tokens, eID Cards, Infrastructure Solutions - Critical Information Infrastructure Protection, Data Protection, Legal Aspects. Adequate information security is one of the basic requirements of all electronic business processes. It is crucial for effective solutions that the possibilities offered by security technology can be integrated with the commercial requirements of the applications. The reader may expect state-of-the-art: best papers of the Conference ISSE/SECURE 2007.

Advances in Artificial Intelligence and Security Xingming Sun 2021-06-29 The 3-volume set CCIS 1422, CCIS 1423 and CCIS 1424 constitutes the refereed proceedings of the 7th International Conference on Artificial Intelligence and Security, ICAIS 2021, which was held in Dublin, Ireland, in July 2021. The total of 131 full papers and 52 short papers presented in this 3-volume proceedings was carefully reviewed and selected from 1013 submissions. The papers were organized in topical sections as follows: Part I: artificial intelligence; Part II: artificial intelligence; big data; cloud computing and security internet; Part III: cloud computing and security; encryption and cybersecurity; information hiding; IoT security.

Technology Development for Security Practitioners Babak Akhgar 2021-06-24 This volume is authored by a mix of global contributors from across the landscape of academia, research institutions, police organizations, and experts in security policy and private industry to address some of the most contemporary challenges within the global security domain. The latter includes protection of critical infrastructures (CI), counter-terrorism, application of dark web, and analysis of a large volume of artificial intelligence data, cybercrime, serious and organised crime, border surveillance, and management of disasters and crises. This title explores various application scenarios of advanced ICT in the context of cybercrime, border security and crisis management, serious and organised crime, and protection of critical infrastructures. Readers will benefit from lessons learned from more than 30 large R&D projects within a security context. The book addresses not only theoretical narratives pertinent to the subject but also identifies current challenges and emerging security threats, provides analysis of operational capability gaps, and includes real-world applied solutions. Chapter 11 is available open access under a Creative Commons Attribution 3.0 IGO License via link.springer.com.

Security and Access Control Using Biometric Technologies Robert Newman 2009-09-03 Security and Access Control Using Biometric Technologies presents an introduction to biometrics or the study of recognizing individuals based on their unique physical or behavioral traits, as they relate to computer security. The book begins with the basics of biometric technologies and discusses how and why biometric systems are emerging in information security. An emphasis is directed towards authentication, authorization, identification, and access control. Topics covered include security and management required to protect valuable computer and network resources and assets, and methods of providing control over access and security for computers and networks. Written for a broad level of readers, this book applies to information system and information technology students, as well as network managers, security administrators and other practitioners. Oriented towards the practical application of biometrics in the real world, Security and Access Control Using Biometric Technologies provides the reader with a realistic view of the use of biometrics in the ever-changing industry of information security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Cyber-Physical Security Robert M. Clark 2016-08-10 This book focuses on the vulnerabilities of state and local services to cyber-threats and suggests possible protective action that might be taken against such threats. Cyber-threats to U.S. critical infrastructure are of growing concern to policymakers, managers and consumers. Information and communications technology (ICT) is ubiquitous and many ICT devices and other components are interdependent; therefore, disruption of one component may have a negative, cascading effect on others. Cyber-attacks might include denial of service, theft or manipulation of data. Damage to critical infrastructure through a cyber-based attack could have a significant impact on the national security, the economy, and the livelihood and safety of many individual citizens. Traditionally cyber security has generally been viewed as being focused on higher level threats such as those against the internet or the Federal government. Little attention has been paid to cyber-security at the state and local level. However, these governmental units play a critical role in providing services to local residents and consequently are highly vulnerable to cyber-threats. The failure of these services, such as waste water collection and water supply, transportation, public safety, utility services, and communication services, would pose a great threat to the public. Featuring contributions from leading experts in the field, this volume is intended for state and local government officials and managers, state and Federal officials, academics, and public policy specialists.

Directory of Manufacturers' Sales Agencies Manufacturers' Agents National Association (U.S.) 2000

Obstructions in Security-Aware Business Processes Julius Holderer 2022-08-24 This Open Access book explores the dilemma-like stalemate between security and regulatory compliance in business processes on the one hand and business continuity and governance on the other. The growing number of regulations, e.g., on information security, data protection, or privacy, implemented in increasingly digitized businesses can have an obstructive effect on the automated execution of business processes. Such security-related obstructions can particularly occur when an access control-based implementation of regulations blocks the execution of business processes. By handling obstructions, security in business processes is supposed to be improved. For this, the book presents a framework that allows the comprehensive analysis, detection, and handling of obstructions in a security-sensitive way. Thereby, methods based on common organizational security policies, process models, and logs are proposed. The Petri net-based modeling and related semantic and language-based research, as well as the analysis of event data and machine learning methods finally lead to the development of algorithms and

experiments that can detect and resolve obstructions and are reproducible with the provided software.
Patient and public involvement in the NHS Great Britain: Parliament: House of Commons: Health Committee 2007-02-06 Patient and public involvement in the NHS : Third report of session 2006-07, Vol. 2: Oral and written Evidence