

Enterprise Governance Of Information Technology Achieving Alignment And Value Featuring Cobit 5 Management For Professionals

Enterprise Governance of Information Technology Achieving Alignment and Value in Digital Organizations Springer Nature In many organizations, information technology (IT) has become crucial in the support, sustainability, and growth of the business. This pervasive use of technology has created a critical dependency on IT that calls for a specific focus on IT governance. Implementing Information Technology Governance: Models, Practices and Cases presents insight gained through literature reviews and case studies to provide practical guidance for organizations who want to start implementing IT governance or improving existing governance models, and provides a detailed set of IT governance structures, processes, and relational mechanisms that can be leveraged to implement IT governance in practice.

Technology is constantly changing the way enterprises conduct business by optimizing current practices. As information technology continues to evolve and become a prevalent feature in day-to-day activities within organizations, it has become necessary to manage these technologies in order to meet the strategic objectives of an organization. Strategic IT Governance and Alignment in Business Settings investigates emergent research methodologies involving the application of information technology in organizations. Focusing on best practices, implementation issues, and empirical research within the field, this book is ideally suited for researchers, academics, students, and practitioners interested in the governance, strategy, architecture, and management of information systems.

This title provides clear and readily applicable guidance to corporate board members on the involvement of boards of directors in information technology (IT) governance. Specifically, it demonstrates ways in which board members can execute IT duties effectively. Specific tools such as a roadmap towards digital transformation and a board-level dashboard for digital strategy and oversight are also offered. While organizations are increasingly dependent on IT for the creation of business value, the evidence seems to indicate that boards of directors are not as involved in IT-related strategic decision-making and control as they should be. Research shows that high levels of board-level IT governance, regardless of existing IT needs, will improve organizational performance. This book provides unique insights into the inner workings of a specific board of directors group, with a focus on its IT governance structures and processes.

"This book provides chapters describing in more detail the structure of information systems pertaining to enabling technologies, aspects of their implementations, IT/IS governing, risk management, disaster management, interrelated manufacturing and supply chain strategies, and new IT paradigms"--Provided by publisher.

The revised new edition of the must-read guide for executives—provides comprehensive coverage of topics in corporate governance by leading subject-matter experts The Handbook of Board Governance is the marketing-leading text on public, nonprofit, and private board governance. Providing comprehensive, in-depth coverage, this unique text represents a collaboration of internationally-recognized academics and prominent organization directors, executives, managers, and advisors. Contributors include Ariel Fromer Babcock, Robert Eccles, Alice Korngold, Ellie Mulholland, Michael Useem, Elizabeth Valentine and John Zinkin. Practical, expert guidance enables readers to understand value creation and the strategic role of the board, risk governance and oversight, audit and compensation committee effectiveness, CEO succession planning, and other diverse board duties and responsibilities. Now in its second edition, the Handbook offers substantial updates and revisions reflecting contemporary trends, practices, and developments in board governance. New content includes discussions of pressing issues related to climate change, examination of information technology and cybersecurity challenges, and recent tax legislation that will impact executive compensation. Editor Dr. Richard Leblanc—an award-winning teacher, professor, lawyer, management consultant, and specialist on boards of directors—integrates practical experience and academic rigor to assist readers: Build and strengthen engaged and collaborative leadership in the boardroom Recognize the role and responsibilities of a well-functioning governing board Risk governance, assurance, and the duties of directors Keep pace with new trends in board governance and shareholder responsibility Measure performance and align performance measurement to executive pay Understand information technology governance, sustainability governance, and the different forms of governance Highly relevant to board and committee members regardless of sector or industry, The Handbook of Board Governance, 2nd Edition is an invaluable source of knowledge on all aspects of corporate and organization governance.

This book constitutes the thoroughly refereed proceedings of eight international workshops held in Valencia, Spain, in conjunction with the 25th International Conference on Advanced Information Systems Engineering, CAiSE 2013, in June 2013. The 36 full and 12 short papers have undertaken a high-quality and selective acceptance policy, resulting in acceptance rates of up to 50% for full research papers. The eight workshops were Approaches for Enterprise Engineering Research (AppEER), International Workshop on BUSiness/IT ALignment and Interoperability (BUSITAL), International Workshop on Cognitive Aspects of Information Systems Engineering (COGNISE), Workshop on Human-Centric Information Systems (HC-IS), Next Generation Enterprise and Business Innovation Systems (NGEBIS), International Workshop on Ontologies and Conceptual Modeling (OntoCom), International Workshop on Variability Support in Information Systems (VarIS), International Workshop on Information Systems Security Engineering (WISSE).

Smaller companies are abundant in the business realm and outnumber large companies by a wide margin. To maintain a competitive edge against other businesses, companies must ensure the most effective strategies and procedures are in place. This is particularly critical in smaller business environments that have fewer resources. Start-Ups and SMEs: Concepts, Methodologies, Tools, and Applications is a vital reference source that examines the strategies and concepts that will assist small and medium-sized enterprises to achieve competitiveness. It also explores the latest advances and developments for creating a system of shared values and beliefs in small business environments. Highlighting a range of topics such as entrepreneurship, innovative behavior, and organizational sustainability, this multi-volume book is ideally designed for entrepreneurs, business managers, executives, managing directors, academicians, business professionals, researchers, and graduate-level students.

The advent of the Information Society is marked by the explosive penetration of information technologies in all aspects of life and by a related fundamental transformation in every form of the organization. Researchers, business people and

policy makers have recognized the importance of addressing technological, economic and social impacts in conjunction. For example, the rise and fall of the dot-com hype depended a lot on the strength of the business model, on the technological capabilities available to firms and on the readiness of the society and economy at large sustain a new breed of business activity. However, it is notoriously difficult to examine the cross-impacts of social, economic and technological aspects of the Information Society. This kind of work requires multidisciplinary work and collaboration on a wide range of skills. Social and Economic Transformation in the Digital Era addresses this challenge by assembling the latest thinking of leading researchers and policy makers. The book covers all key subject areas of the Information Society and presents innovative business models, case studies, normative theories and social explanations

Enterprise governance of information technology is a relatively new concept that is gaining traction in both the academic and practitioner worlds. Going well beyond the implementation of a superior IT infrastructure, "Enterprise Governance of Information Technology" is about defining and embedding processes and structures throughout the organizations that enable both business and IT people to execute their responsibilities, while maximizing the value created from their IT-enabled investments. At the forefront of the field, the authors draw from years of research and advising corporate clients to present the first comprehensive resource on the topic. Featuring numerous case examples from companies around the world, the book integrates theoretical advances and empirical data with practical application, including in-depth discussion of such frameworks as COBIT and VALIT, which are used to measure and audit the value of IT investments and ensuring regulatory compliance. A variety of elements, including executive summaries and sidebars, extensive references, and questions and activities (with additional materials available on-line) ensure that the book will be an essential resource for professionals, researchers, and students alike.

This book introduces, explains, and illustrates the theories, concepts, and methods needed for sound enterprise engineering. These are based on foundational insights, specifically those concerning the employee-centric theory of organization, which are put into practice by coherently and consistently applying them to enterprise design and change. The book consists of five main chapters, the first of which emphasizes the importance of linking foundational insights with the enterprise engineering design science for practicing them in enterprise design within the scope of enterprise governance concerned with enterprise change. Chapter 2 summarizes the necessary philosophical, ontological and ideological foundations of enterprise design and change. Subsequently, chapter 3 outlines essential aspects of enterprise change and describes the relation between enterprise governance and the process of enterprise design, while chapter 4 details the enterprise engineering design science and the actual enterprise design process, its various perspectives and both its intermediate and final results. Lastly, chapter 5 illustrates in detail the application of all the process steps in a single, extensive example. In this way, the book shows how all the cornerstones of enterprise design and change, as well as the employee-centric theory of organization can be applied. The book is mainly intended for students in areas such as business administration, management and organization science, governance, and enterprise and information systems design. However, professionals working in these areas will also benefit from the book, as it provides them with all the elements needed for engineering enterprise design, and details their application.

This three-volume-set (CCIS 219, CCIS 220, and CCIS 221) constitutes the refereed proceedings of the International Conference on ENTERprise Information Systems, CENTERIS 2011, held in Vilamoura, Portugal, in September 2011. The approx. 120 revised full papers presented in the three volumes were carefully reviewed and selected from 180 submissions. The papers are organized in topical sections on knowledge society, EIS adoption and design, EIS implementation and impact, EIS applications, social aspects and IS in education, IT/IS management, telemedicine and imaging technologies, healthcare information management, medical records and business processes, decision support systems and business intelligence in health and social care contexts, architectures and emerging technologies in healthcare organizations, as well as m-health.

"This book investigates the creation and implementation of enterprise information systems, covering a wide array of topics such as flow-shop scheduling, information systems outsourcing, ERP systems utilization, Dietz transaction methodology, and advanced planning systems"--Provided by publisher.

After the global financial crisis, the topic of corporate governance has been gaining momentum in accounting and finance literature since it may influence firm and bank management in many countries. Corporate Governance and Its Implications on Accounting and Finance provides emerging research exploring the implications of a good corporate governance system after global financial crises. Corporate governance mechanisms may include board and audit committee characteristics, ownership structure, and internal and external auditing. This book is devoted to all topics dealing with corporate governance including corporate governance characteristics, board diversity, CSR, big data governance, bitcoin governance, IT governance, and governance disclosure, and is ideally designed for executives, BODs, financial analysts, government officials, researchers, policymakers, academicians, and students.

A must-have guide for all companies undertaking service-oriented architecture (SOA) and IT governance Service-Oriented Architecture Governance for the Services Driven Enterprise expertly covers the business, organizational, process, compliance, security, and technology facets of SOA and IT governance. This book provides a comprehensive enterprise view of governance from a strategic and tactical perspective, as well as modeling and planning tools to help evolve a company's ongoing governance requirements. Written by Eric Marks and the industry's leading SOA authorities, this essential book provides a refreshing business-driven perspective to SOA and IT governance.

Attacks on information systems and applications have become more prevalent with new advances in technology. Management of security and quick threat identification have become imperative aspects of technological applications. Information Technology Risk Management and Compliance in Modern Organizations is a pivotal reference source featuring the latest scholarly research on the need for an effective chain of information management and clear principles of information technology governance. Including

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Featuring numerous case examples from companies around the world, this second edition integrates theoretical advances and empirical data with practical applications, including in-depth discussion on the COBIT 5 framework which can be used to build, measure and audit enterprise governance of IT approaches. At the forefront of the field, the authors of this volume draw from years of research and advising corporate clients to present a comprehensive resource on enterprise governance of IT (EGIT). Information technology (IT) has become a crucial enabler in the support, sustainability and growth of enterprises. Given this pervasive role of IT, a specific focus on EGIT has arisen over the last two decades, as an integral part of corporate governance. Going well beyond the implementation of a superior IT infrastructure, enterprise governance of IT is about defining and embedding processes and structures throughout the organization that enable boards and business and IT people to execute their responsibilities in support of business/IT alignment and value creation from their IT-enabled investments. Featuring a variety of elements, including executive summaries and sidebars, extensive references and questions and activities (with additional materials available on-line), this book will be an essential resource for professionals, researchers and students alike. Businesses consistently work on new projects, products, and workflows to remain competitive and successful in the modern business environment. To remain zealous, businesses must employ the most effective methods and tools in human resources, project management, and overall business plan execution as competitors work to succeed as well. Advanced Methodologies and Technologies in Business Operations and Management provides emerging research on business tools such as employee engagement, payout policies, and financial investing to promote operational success. While highlighting the challenges facing modern organizations, readers will learn how corporate social responsibility and utilizing artificial intelligence improve a company's culture and management. This book is an ideal resource for executives and managers, researchers, accountants, and financial investors seeking current research on business operations and management.

Written for IT service managers, consultants and other practitioners in IT governance, risk and compliance, this practical book discusses all the key concepts of COBIT®5, and explains how to direct the governance of enterprise IT (GEIT) using the COBIT®5 framework. The book also covers the main frameworks and standards supporting GEIT, discusses the ideas of enterprise and governance, and shows the path from corporate governance to the governance of enterprise IT.

Master's Thesis from the year 2017 in the subject Computer Science - Commercial Information Technology, grade: 62, Roehampton University London, language: English, abstract: This dissertation examines the way, the usage of IT-Technology has evolved. It does so by further explaining a case study of intergovernmental organisations using newly established IT-Governance in Kenya. The way we utilise IT/IS has evolved. Frameworks are presently being utilised to kill monotonous undertakings and digitising prior work. Notwithstanding, another utilisation of IT/IS frameworks is installed in basic leadership and authoritative change. This development requests a higher speculation; it is no longer simply the PC or Server. Words like Value, Strategic Roadmap, IT Business Alignment, Integration, ERP and so on are being tossed around to focus an organisation's full potential. This drive for higher value accompanies a sticker price and risks. The research seeks to fill the gap by undertaking a comprehensive research of the success of IT governance and governance of IS in the intergovernmental organisations using a case-study of UNICEF Kenya. This study will fuse a scrutiny of already distributed papers on this subject and conclude deductions on IT/IS administration structures and methodologies that have been demonstrated to work for the new-age organisation by utilising the post-positivism philosophy and descriptive research design. The literature review of the study will demonstrate how intergovernmental organisations implement different levels of IS integration to improve their operations in the global arena. The literature also will highlight to a smaller extent some of the impacts of IT governance on intergovernmental organisations. The researcher utilised UNICEF Kenya for the sample selection of the study. The results of the research portray that IT governance and enterprise governance of IS have significance in improving the strategic planning of organisations. The finding

Achieving enterprise success necessitates addressing enterprises in ways that match the complexity and dynamics of the modern enterprise environment. However, since the majority of enterprise strategic initiatives appear to fail – among which those regarding information technology – the currently often practiced approaches to strategy development and implementation seem more an obstacle than an enabler for strategic enterprise success. Two themes underpin the fundamentally different views outlined in this book. First, the competence-based perspective on governance, whereby employees are viewed as the crucial core for effectively addressing the complex, dynamic and uncertain enterprise reality, as well as for successfully defining and operationalizing strategic choices. Second, enterprise engineering as the formal conceptual framework and methodology for arranging a unified and integrated enterprise design, which is a necessary condition for enterprise success. Jan Hoogervorst's presentation, which is based on both research and his professional background at Sogeti B.V., aims at

professionals in management and consulting as well as students in management science and business information systems. This book outlines the important foundational insights for enterprise governance and enterprise engineering, which are obviously provided by the social and organization sciences, but also by other sciences such as philosophy and information technology. It presents an employee-centric theory of organization in order to secure enterprise performance and also to comply with moral considerations about society and human individuals. This is necessary as prescriptions based on 'best practices' or the 'best managed companies' are often merely anecdotal, faddish, or controversial, and based on unsubstantiated pseudo-theories. The book consists of four main chapters, the first of which summarizes the importance of foundational insights for enterprises and explains the mutual relationships between the basic elements of enterprise governance and enterprise engineering. Next, chapter 2 explains the necessary philosophical foundations concerning knowledge, truth, language, and human existence. Subsequently, chapter 3 describes the ontological foundation and the nature of society and enterprises, as understanding their characteristics is a prerequisite for understanding and designing enterprises. Finally, chapter 4 approaches ideological foundations as beliefs and convictions, as they create specific requirements for the design of enterprises. In this way, the book covers all the cornerstones of the employee-centric theory of organization, drawing on foundational insights. The book is mainly intended for students specializing in areas such as business administration, management and organization science, governance, and enterprise and information systems design. However, professionals working in these areas will also benefit from the book, as it allows them to gain a deeper understanding of the theoretical foundations of their work and will thus help them to avoid strategic failures due to a lack of coherence and consistency between the various parts of their organization.

In recent years, our world has experienced a profound shift and progression in available computing and knowledge sharing innovations. These emerging advancements have developed at a rapid pace, disseminating into and affecting numerous aspects of contemporary society. This has created a pivotal need for an innovative compendium encompassing the latest trends, concepts, and issues surrounding this relevant discipline area. During the past 15 years, the Encyclopedia of Information Science and Technology has become recognized as one of the landmark sources of the latest knowledge and discoveries in this discipline. The Encyclopedia of Information Science and Technology, Fourth Edition is a 10-volume set which includes 705 original and previously unpublished research articles covering a full range of perspectives, applications, and techniques contributed by thousands of experts and researchers from around the globe. This authoritative encyclopedia is an all-encompassing, well-established reference source that is ideally designed to disseminate the most forward-thinking and diverse research findings. With critical perspectives on the impact of information science management and new technologies in modern settings, including but not limited to computer science, education, healthcare, government, engineering, business, and natural and physical sciences, it is a pivotal and relevant source of knowledge that will benefit every professional within the field of information science and technology and is an invaluable addition to every academic and corporate library.

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This new downloadable pocket guide in the Practical IT Governance series, is designed to provide the reader with a basic understanding of how an organization's Information Technology supports and enables the achievement of its strategies and objectives.

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