

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

As organizations deploy business intelligence and analytic systems to harness business value from their data assets, data governance programs are quickly gaining prominence. And, although data management issues have traditionally been addressed by IT departments, organizational issues critical to successful data management require the implementation of enterprise-wide accountabilities and responsibilities. *Data Governance: Creating Value from Information Assets* examines the processes of using data governance to manage data effectively. Addressing the complete life cycle of effective data governance—from metadata management to privacy and compliance—it provides business managers, IT professionals, and students with an integrated approach to designing, developing, and sustaining an effective data governance strategy. Explains how to align data governance with business goals Describes how to build successful data stewardship with a governance framework Outlines strategies for integrating IT and data governance frameworks Supplies business-driven and technical perspectives on data quality management, metadata management, data access and security, and data lifecycle The book summarizes the experiences of global experts in the field and addresses critical areas of interest to the information systems and management community. Case studies from healthcare and financial sectors, two industries that have successfully leveraged the potential of data-driven strategies, provide further insights into real-time practice. Facilitating a comprehensive understanding of data governance, the book addresses the burning issue of aligning data assets to both IT assets and organizational strategic goals. With a focus on the organizational, operational, and strategic aspects of data governance, the text provides you with the understanding required to leverage, derive, and sustain maximum value from the informational assets housed in your IT infrastructure.

The issues, opportunities and challenges of aligning information technology more closely with an organization and effectively governing an organization's Information Technology (IT) investments, resources, major initiatives and superior uninterrupted service is becoming a major concern of the Board and executive management in enterprises on a global basis. An integrated and comprehensive approach to the alignment, planning, execution and governance of IT and its resources has become critical to more effectively align, integrate, invest, measure, deploy, service and sustain the strategic and tactical direction and value proposition of IT in support of organizations. Much has been written and documented about the individual components of IT Governance such as strategic planning, demand (portfolio investment) management, program and project management, IT service management and delivery, strategic sourcing and outsourcing, performance management and metrics, like the balanced scorecard, compliance and others. Much less has been written about a comprehensive and integrated IT/Business Alignment, Planning, Execution and Governance approach. This new title fills that need in the marketplace and gives readers a structured and practical solutions using the best of the best principles available today. The book is divided into nine chapters, which cover the three critical pillars necessary to develop, execute and sustain a robust and effective IT governance environment - leadership and proactive people and change agents, flexible and scalable processes and enabling technology. Each of the chapters also covers one or more of the following action oriented topics: demand management and alignment (the why and what of IT – strategic planning, portfolio investment management, decision authority, etc.); execution management (includes the how - Program/Project Management, IT Service Management with IT Infrastructure Library (ITIL) and Strategic Sourcing and outsourcing); performance, risk and contingency management (e.g. includes COBIT, the balanced scorecard and other metrics and controls); and leadership, teams and people skills.

"This book provides evidence-based insights into the management and contribution of IT in organizations, to offer practical advice & solutions, models and tools that are instrumental in getting business value from IT"--Provided by publisher.

The evaluation of IT and its business value are the subject of many academic and business discussions. Investments in IT are growing extensively, and business managers worry about the fact that the benefits might not be as high as expected. This phenomenon is often called the IT investment paradox or the IT Black Hole: large sums are invested in IT that seem to be swallowed by a large black hole without rendering many returns. How to measure the benefits of IT is the concern of this book titled *Information Technology Evaluation Methods and Management*. The different IT evaluation approaches and methods are discussed and illustrated with cases: traditional financial evaluations such as the return on investment, information economics and the recently introduced IT Balanced Scorecard. The latter approach is proposed as an ideal mechanism to support the IT/business alignment process and its related IT governance process. Among some of the topics included in this book are: software measurement; ERP project evaluation; strategic electronic commerce evaluation.

The National Nuclear Security Administration (NNSA) leads a nuclear security enterprise that includes three national laboratories, several production facilities, and an experimental test site. NNSA's mission is protect the American people by maintaining a safe, secure, and effective nuclear weapons stockpile; by reducing global nuclear threats; and by providing the U.S. Navy with safe, militarily effective naval nuclear propulsion plants. The FY2016 National Defense Authorization Act called for the National Academies, in partnership with the National Academy of Public Administration, to track and assess progress over 2016-2020 to reform governance and management of the enterprise. *Governance and Management of the Nuclear Security Enterprise* assesses the effectiveness of reform efforts and makes recommendations for further action.

th I3E 2010 marked the 10 anniversary of the IFIP Conference on e-Business, e- Services, and e-Society, continuing a tradition that was invented in 1998 during the International Conference on Trends in Electronic Commerce, TrEC 1998, in Hamburg (Germany). Three years later the inaugural I3E 2001 conference was held in Zurich (Switzerland). Since then I3E has made its journey through the world: 2002 Lisbon (Portugal), 2003 Sao Paulo (Brazil), 2004 Toulouse (France), 2005 Poznan (Poland), 2006 Turku (Finland), 2007 Wuhan (China), 2008 Tokyo (Japan), and 2009 Nancy (France). I3E 2010 took place in Buenos Aires (Argentina) November 3–5, 2010. Known as "The Pearl" of South America, Buenos Aires is a cosmopolitan, colorful, and vibrant city, surprising its visitors with a vast variety of cultural and artistic performances, European architecture, and the passion for tango, coffee places, and football disc- sions. A cultural reference in Latin America, the city hosts 140 museums, 300 theaters, and 27 public libraries including the National Library. It is also the main educational center in Argentina and home of renowned universities including the U- versity of Buenos Aires, created in 1821. Besides location, the timing of I3E 2010 is th also significant—it coincided with the 200 anniversary celebration

of the first local government in Argentina.

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.

As digitization continues to bring rapid changes to businesses, companies must remain agile in order to comply with changing regulations and maintain governance and compliance while achieving its business objectives. To achieve this agility, IT staff within these companies must be able to respond quickly to changing business needs while maintaining existing and efficient infrastructure. Strategic IT Governance and Performance Frameworks in Large Organizations is an essential reference source that provides emerging frameworks and models that implement an efficient strategic IT governance in organizations and discusses the effects these policies have on the business as a whole. Featuring six international case studies from large organizations, this title covers topics such as IT management, security policy, and organizational governance, and is ideally designed for IT specialists, academicians, researchers, policymakers, and managers.

Business intelligence initiatives have been dominating the technology priority list of many organizations. However, the lack of effective information quality and governance strategies and policies has been meeting these initiatives with some challenges. Information Quality and Governance for Business Intelligence presents the latest exchange of academic research on all aspects of practicing and managing information using a multidisciplinary approach that examines its quality for organizational growth. This book is an essential reference tool for researchers, practitioners, and university students specializing in business intelligence, information quality, and information systems.

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.

As technology continues to evolve in organizations, it is vital to understand the impact that these advances will have on different aspects of the business environment as well as the opportunity for further improvement. Effects of IT on Enterprise Architecture, Governance, and Growth explores the influence of emerging technology on different viewpoints associated with contemporary enterprise. Emphasizing an interdisciplinary approach to the comprehension of organizational structure and dynamics, this book is an inclusive reference source for enterprise analysts, business managers, and IT managers, as well as upper-level students interested in a new framework for understanding business enterprise in the new digital era.

This book examines trends and challenges in research on IT governance in public organizations, reporting innovative research and new insights in the theories, models and practices within the area. As we noticed, IT governance plays an important role in generating value from organization's IT investments. However there are different challenges for researchers in studying IT governance in public organizations due to the differences between political, administrative, and practices in these organizations. The first section of the book looks at Management issues, including an introduction to IT governance in public organizations; a systematic review of IT alignment research in public organizations; the role of middle managers in aligning strategy and IT in public service organizations; and an analysis of alignment and governance with regard to IT-related policy decisions. The second section examines Modelling, including a consideration of the challenges faced by public administration; a discussion of a framework for IT governance implementation suitable to improve alignment and communication between stakeholders of IT services; the design and implementation of IT architecture; and the adoption of enterprise architecture in public organizations. Finally, section three presents Case Studies, including IT governance in the context of e-government strategy implementation in the Caribbean; the relationship of IT organizational structure and IT governance performance in the IT department of a public research and education organization in a developing country; the relationship between organizational ambidexterity and IT governance through a study of the Swedish Tax Authorities; and the role of institutional logics in IT project activities and interactions in a large Swedish hospital.

In our increasingly competitive global economy, companies in all industries are struggling to survive and seeking new ways to do more--and this places unprecedented pressure on project managers to take on and govern multiple efforts simultaneously. Enterprise Project Governance reveals proven techniques for dealing with the multiplicity of projects and ensuring that programs and initiatives create the value needed to help your organization prosper. Through enlightening examples and case studies, readers will learn how to examine new project proposals and align them with the priorities, resources, and strategies of the organization. But this isn't a one-person job. As its title suggests, Enterprise Project Governance takes a more systemic approach to the important work of managing projects, teaching practical methods for incorporating enterprise project governance into an organization's culture, synchronizing it with corporate governance, and maximizing efficiency and results across departments. Whether you're a boardroom exec, an experience project manager struggling to keep up, or someone working in the trenches and hoping to advance, this go-to guide will help you manage your workload--and even increase it--with ease.

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.

Ensuring an efficient and agile information system in organizations is a real challenge. Only an agile IT strategy can underpin this. Strategic Information System Agility offers methodological and practical support to achieve effective IT agility in complex and dynamic environments.

Proven and emerging strategies for addressing document and records management risk within the framework of information governance principles and best practices Information Governance (IG) is a rapidly emerging "super discipline" and is now being applied to electronic document and records management, email, social media, cloud computing, mobile computing, and, in fact,

the management and output of information organization-wide. IG leverages information technologies to enforce policies, procedures and controls to manage information risk in compliance with legal and litigation demands, external regulatory requirements, and internal governance objectives. Information Governance: Concepts, Strategies, and Best Practices reveals how, and why, to utilize IG and leverage information technologies to control, monitor, and enforce information access and security policies. Written by one of the most recognized and published experts on information governance, including specialization in e-document security and electronic records management Provides big picture guidance on the imperative for information governance and best practice guidance on electronic document and records management Crucial advice and insights for compliance and risk managers, operations managers, corporate counsel, corporate records managers, legal administrators, information technology managers, archivists, knowledge managers, and information governance professionals IG sets the policies that control and manage the use of organizational information, including social media, mobile computing, cloud computing, email, instant messaging, and the use of e-documents and records. This extends to e-discovery planning and preparation. Information Governance: Concepts, Strategies, and Best Practices provides step-by-step guidance for developing information governance strategies and practices to manage risk in the use of electronic business documents and records.

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.

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.

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.

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Machiavellians are few in number in IT. The massive pressure on CIOs continues to increase as the opportunities to use technology in business become more prevalent and more competitive. As CIOs often find themselves at the center of business conflict, they must not only familiarize themselves with Machiavellian tactics as a defensive weapon, but also learn to use them as an offensive weapon in extreme situations so that they can increase IT's contribution to their enterprises. As Italian political philosopher Niccolo Machiavelli implied, you're either predator or prey, and the animal you most resemble determines your position on the food chain. In *The Wolf in CIO's Clothing* Gartner analyst and author Tina Nunno expands on Machiavelli's metaphor, examining seven animal types and the leadership attributes of each. Nunno posits the wolf -- a social animal with strong predatory instincts -- as the ideal example of how a leader can adapt and thrive. Technology may be black and white, but successful leadership demands an ability to exist in the grey. Drawing on her experience with hundreds of CIOs, Nunno charts a viable way to master the Machiavellian principles of power, manipulation, love, and war. Through compelling case studies, her approach demonstrates how CIOs and IT leaders can adjust their leadership styles in extreme situations for their own success and that of their teams.

A FUNCTIONAL FRAMEWORK FOR ENTERPRISE ARCHITECTURE AND GOVERNANCE

Build a more effective board with insight from the forefront of corporate governance The Handbook of Board Governance provides comprehensive, expert-led coverage of all aspects of corporate governance for public, nonprofit, and private boards. Written by collaboration among subject matter experts, this book combines academic rigor and practitioner experience to

provide thorough guidance and deep insight. From diversity, effectiveness, and responsibilities, to compensation, succession planning, and financial literacy, the topics are at once broad-ranging and highly relevant to current and aspiring directors. The coverage applies to governance at public companies, private and small or medium companies, state-owned enterprises, family owned organizations, and more, to ensure complete and clear guidance on a diverse range of issues. An all-star contributor list including Ram Charan, Bob Monks, Nell Minow, and Mark Nadler, among others, gives you the insight of thought leaders in the areas relevant to your organization. A well-functioning board is essential to an organization's achievement. Whether the goal is furthering a mission or dominating a market, the board's composition, strategy, and practices are a determining factor in the organization's ultimate success. This guide provides the information essential to building a board that works. Delve into the board's strategic role in value creation Gain useful insight into compensation, risk, accountability, legal obligations Understand the many competencies required of an effective director Get up to speed on blind spots, trendspotting, and social media in the board room The board is responsible for a vast and varied collection of duties, but the singular mission is to push the organization forward. Poor organization, one-sided composition, inefficient practices, and ineffective oversight detract from that mission, but all can be avoided. The Handbook of Board Governance provides practical guidance and expert insight relevant to board members across the spectrum.

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

This book is positioned as a first in a series of books on enterprise architecture needed for a Master of Enterprise Architecture program, and is targeted both at university students and practitioners with a drive to increase their understanding of these fields. As an introductory book, this book aims to explore the concept of enterprise architecture. At first glance, writing such an introductory book might seem as a straight forward task of setting up a structure and filling in "the blanks." However, writing this book turned out to be a pleasant journey of discovery. Based on our past experiences, each of us had a clear understanding of enterprise architecture, based on several years of experience and insight in the field. However, when we started writing this book, and each of us exposed our individual understandings, it became apparent that our understanding of the field differed in several ways. This prompted several discussions leading to an abundance of new insights. Without exception, these discussions took place in a pleasant and open atmosphere, fueled by our shared drive for understanding and increased insight.

We are now even more convinced than before, that the field of enterprise architecture is a true multi-disciplinary profession. In the resulting book, we would like to share our insights, while also hoping to continue our discussions, now also involving you as a reader. We also realize that the journey is still far from complete. While this introductory book provides an overview of the field of enterprise architecture from the perspective of our insights, many aspects need further refinement.

Increasingly, information technology governance is being considered an integral part of corporate governance. There has been a rapid increase in awareness and adoption of IT governance as well as the desire to conform to national governance requirements to ensure that IT is aligned with the objectives of the organization. Information Technology Governance and Service Management: Frameworks and Adaptations provides an in-depth view into the critical contribution of IT service management to IT governance, and the strategic and tactical value provided by effective service management. A must-have resource for academics, students, and practitioners in fields affected by IT in organizations, this work gathers authoritative perspectives on the state of research on organizational challenges and benefits in current IT governance frameworks, adoption, and incorporation.

Digital Governance provides managers with a simple and jargon-free introduction to the impact that digital technology can have on the governance of their organisations. Digital technology is at the heart of any enterprise today, changing business processes and the way we work. But this technology is often used inefficiently, riskily or inappropriately. Worse perhaps, many organisational leaders fail to grasp the opportunities it offers and thus fail to "transform" their organisations through the use of technology. This book provides an explanation of the basic issues around the opportunities and risks associated with digital technology. It describes the role that digital technology can play across organisations (and not just behind the locked doors of the IT department), giving boards and top management the insight to develop strategies for investing in and exploiting digital technology as well as arming them with the knowledge required to ask the right questions of specialists and to detect when the answers given are evasive or irrelevant. International in its scope, this essential book covers the fundamental principles of digital governance such as leadership, capability, accountability for value creation and transparency of reporting, integrity and ethical behaviour.

Create strong IT governance processes In the current business climate where a tremendous amount of importance is being given to governance, risk, and compliance (GRC), the concept of IT governance is becoming an increasingly strong component. Executive's Guide to IT Governance explains IT governance, why it is important to general, financial, and IT managers, along with tips for creating a strong governance, risk, and compliance IT systems process. Written by Robert Moeller, an authority in auditing and IT governance Practical, no-nonsense framework for identifying, planning, delivering, and supporting IT services to your business Helps you identify current strengths and weaknesses of your enterprise IT governance processes Explores how to introduce effective IT governance principles with other enterprise GRC initiatives Other titles by Robert Moeller: IT Audit, Control, and Security and Brink's Modern Internal Auditing: A Common Body of Knowledge There is strong pressure on corporations to have a good understanding of their IT systems and the controls that need to be in place to avoid such things as fraud and security violations. Executive's Guide to IT Governance gives you the tools you need to improve systems processes through IT service management, COBIT, and ITIL.

Within the IT-related business domain, it is important to advance theory building and practices regarding management and governance issues. Business Strategy and Applications in Enterprise IT Governance emphasizes how organizations enable both businesses and IT people to execute their responsibilities in support of business/IT

