Managerial Issues of Enterprise Resource Planning Systems

David Louis Olson 2004 The primary purpose of this text will be to lie out the scope of ERP (Enterprise Resource Planning) Systems implementation, explain the competitive advantages of using ERP Systems and support general concepts with short case studies. This text covers the fundamental issues important in ERP implementation and management, starting from an information systems/information technology project management perspective. Each chapter will include a review of real cases of ERP implementations related to that particular chapter content. The text is meant to be software product independent, in order to allow schools to select their own ERP Systems software tools and use them as time permits. The benefit to this approach is that in addition to learning key concepts related to ERP Systems operations and implementation, adopters want to see lots of illustrations and examples, especially case studies.


Managerial issues of enterprise resource planning systems-Olson 2004-07-01

Enterprise Resource Planning for Global Economies: Managerial Issues and Challenges-Ferran, Carlos 2009-04-30 Local functional systems that create inefficient islands of information are being replaced by expensive enterprise-wide applications that unify the functional areas; however, while we have not yet been able to completely and seamlessly integrate across functions, we find that the new islands of information are no longer functional but political, cultural, linguistic, and geographical. The global village is a reality and enterprise resource planning (ERP) implementations face new issues and challenges. Enterprise Resource Planning for Global Economies: Managerial Issues and Challenges provides authoritative research on the theoretical frameworks and pragmatic discussions on global implementations of information systems, particularly ERP systems. This book offers professionals, managers, and researchers, who want to improve their understanding of the issues and challenges that arise when information systems cross national boundaries, with an authoritative, essential research resource.

Enterprise Information Systems-David L. Olson 2009 This book analyzes various aspects of enterprise information systems (EIS), including enterprise resource planning, customer relationship management, supply chain management systems, and business process reengineering. It describes the evolution and functions of these systems, focusing on issues related to their implementation and upgrading. Enhanced with pedagogical features, the book can be read by graduate and undergraduate students, as well as senior management and executives involved in the study and evaluation of EIS.

Management Accounting in Enterprise Resource Planning Systems-Severin Grabski 2009-05-16 Current evidence points to management accountants using traditional software (such as spreadsheets) for budgeting, ABC, balanced scorecards and other performance management techniques independent of, rather than integrated with Enterprise Resource Planning (ERP) Systems. While there has been some limited research on the effects of ERP systems on management accountants, this report provides a comprehensive analysis of the consequences of implementation of ERP systems for management accountants. This report provides a theoretical basis for studying the impact of Enterprise Resource Planning (ERP) systems on management accounting and provides critical insights into the opportunities provided by ERP systems for the most efficient use of management accounting techniques. The seven UK case studies of ERP implementations reveal the correlation between the success of the system implementation and the development of the role of management accountants in business partners thereby identifying the changes and skills required of management accountants. The book provides guidance to management accountants on the changes they need to make in order to achieve the most from an ERP system implementation.

Managing Enterprise Resource Planning Adoption and Business Processes-2019-04-03 The recent decades have witnessed many ERP failures attributable to a plethora of mistakes, and the author writes this book aiming to correct these malpractices concerning ERP adoption. The author presents an adoption methodology, called the Full Lifecycle ERP Adoption Reference (FLEAR) model, to promote holistic project management. Furthermore, from a holistic perspective, successful ERP adoption cannot be achieved in isolation of other business and organizational issues such as IT-business strategic alignment, IT governance, change management, and business process changes. Unlike many ERP books in the market which cover mostly technical deployment issues, this book also addresses the aforesaid business-related issues. Theoretical discussions are supported by extensive research, and practical experiences drawn from North American and international contexts to benefit practitioners involved in international assignments. Thus, this book will benefit not only MIS personnel, but also non-technical business practitioners. It will also be a useful supplement for university-level MIS and business process management courses.

ENTERPRISE RESOURCE PLANNING-RAY This book is not only on ERP but also covers other enterprise applications like PLM, CRM, SCM, SRM etc. which are growing at a faster rate than core ERP application as the ERP market is getting saturated. This text is intended for students (who want to learn these topics for the first time), for practicing executives (who want to move to a career in ERP from their traditional role in finance, operations, marketing or HR and want to know what ERP or CRM is all about) and finally for managers who are responsible for selecting, implementing and maintaining an ERP/CRM/PLM/SCM package in their organisation.

Enterprise Resource Planning: Solutions and Management-Nah, Fiona Fui-Hoon 2001-07-01 Enterprise resource planning (ERP) refers to large commercial software packages that promise a seamless integration of information flow through an organization. Traditionally, separate units were created within an organization to carry out various tasks, and these functional areas would create their own information systems thereby giving rise to systems that were not integrated. ERP strives to provide a solution to these problems. Enterprise Resource Planning Solutions and Management examines the issues that need to be further studied and better understood to ensure successful implementation and deployment of ERP systems.

Enterprise Resource Planning: Concepts, Methodologies, Tools, and Applications-Management Association, Information Resources 2013-06-30 The design, development, and use of suitable enterprise resource planning systems continue play a significant role in ever-evolving business needs and environments. Enterprise Resource Planning: Concepts, Methodologies, Tools, and Applications presents research on the progress of ERP systems and their impact on changing business needs and evolving technology. This collection of research highlights a simple framework for identifying the critical factors of ERP implementation and statistical analysis to adopt its various concepts. Useful for industry leaders, practitioners, and researchers in the field.

Challenges in Implementing Enterprise Resource Planning (ERP) System in Large Organizations-Goeun Seo 2013 Enterprise resource planning (ERP) system has been one of the most popular business management systems, providing benefits of real-time capabilities and seamless communication for business in large organizations. However, not all ERP implementations have been successful. Since ERP implementation affects entire organizations such as process, people, and culture, there are a number of challenges that companies may encounter in implementing ERP
Enterprise Resource Planning: Global Opportunities and Challenges - Hossein, Llaqat 2001-07-01 Enterprise Resource Planning (ERP) refers to large commercial software packages that promise a seamless integration of information flow through an organization by combining various sources of information into a single software application and a single database. The outcome of ERP itself is still a mystery, but the trends and issues it has created will be the enigma that future generations will have to solve. Traditionally, separate units were created within an organization to carry out various tasks, and these functional areas would create their own information systems thereby giving rise to systems that were not integrated. ERP strives to provide a solution to these problems. Enterprise Resource Planning Solutions and Management examines the issues that need to be further studied and better understood to ensure successful implementation and deployment of ERP systems.

ERP: A Managerial Perspective - Sadagopan 1999-07-01 Several enterprises today are in the midst of a total transformation. No matter what, information is the key driver of business decisions, organizations, organizational survival and growth. And as businesses grow larger, better and faster, what decides their continued evolution is how good they are at designing and implementing enterprise systems. Enterprise Resource Planning (ERP) has evolved from what was earlier Material Resources Planning, to a stage today when companies are investing a lot of resources. This book conceived and developed by an experienced professional who is well-known in India and abroad, is a repository of information.

Business Information System Strategy - How Managers Use Crm, Erp and Scm Systems - Paul Bangueljy 2012-03 Seminar paper from the year 2011 in the subject Economics - Finance, grade: A, Atlantic International University (BUSINESS), course: FINANCE, language: English, abstract: Yesterday, businesses were in charge, but thanks to Customer Relationship Management and technology today where customers are now the centre of every company. Customers are free to choose whatever product and that matter very selective in the choice of where to shop. This trend has now made managers in the business environment to undertake strategic thinking seriously before that, where customer’s value was less important. Management Information System is now helping businesses to track the records of Customers as information is now carrying a strategic value. In recent business environment data keeping with technology infrastructure to help businesses. Customer relationship Management is to give the business and its value customers with the support of information technology an efficient and effective use of their products and services to customers by the use of information technology by the press of a button in the customers own premises to have all information about the product and also to view other product in the company’s profile without any movement. Enterprise Resource Planning is another backbone of businesses which seek to facilitate the efficient use of resources with the organization as a broad spectrum. ERP is assist the processes of the business Channels from customers to the company’s profile without any movement. To that end, this book provides workable solutions from experienced public sector program and project managers, computer researchers and academia. The book is written in an easy-to-read format, with many real examples from a variety of industries that illustrate key points. This book conceived and developed by an experienced professional who is well-known in India and abroad, is a repository of information.
Enterprise Resource Planning: A Managerial Perspective focuses on the fundamentals of ERP and details methods of implementing ERP systems. By using actual case incidents, this book charts the life cycle of ERP projects from cost and profit analysis, through change-management on the basis of re-engineering and technical requirements, to the ion of the ERP system and its final application. With a variety of exercises applicable to real-life scenarios, this book equips managers with the appropriate skills for utilizing ERP systems and uninitiated readers will gain a thorough understanding of an ERP project life-cycle.

ERP Systems: Dimpri Srivastava 2010 ERP is an industry term used for integrated multiple-modules application software package, especially, designed to give support to specific business processes of any organization. ERP systems have revolutionized the working of organizations by integrating all departments across an organization onto a single computer. There is a growing emphasis on the development and implementation of ERP systems in organizations as business requirements are fast changing due to increasing competition. For ERP to be a success ERP must be seamlessly integrated with the organizational culture of any organization. This integration will serve to meet the growing competitive requirements of the organization. The book focuses on various aspects of ERP systems that today serve as a central backbone for an organization. The book covers the need for ERP system, its evolution, ERP market and a detailed description of various ERP modules, ERP life cycle, implementation issues, role of vendors and consultants in ERP implementation, future trends, learning and emerging issues. This book provides: * In-depth study of ERP systems and its benefits. * Describes key phases of implementation of ERP. * Explains ERP and related technologies such as supply chain management, customer relationship management, databases and data mining. * Specifies critical success factors for ERP. * Discusses management issues regarding ERP implementation. * Compares and predicts future trends in ERP. The key features of this book include sufficient use of diagrams and tables, Learning Points at the end of each subtopic and Points to Remember at the end of each chapter so that the concepts can be memorized easily. Exhaustive exercises at the end of each chapter are provided for the students to work out. The book will prove useful for students of both management and technical courses of different universities. It will also serve as an excellent starting point for professionals who are involved in ERP.

Enterprise Information Systems Design, Implementation and Management: Maria Manuela Cruz-Cunha 2011-01-01 *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.

Supply Chain Management Performance and ERP Implementation (UUM Press): Zuulkifi Mohamed Ul Din 2012-01-01 Business management has entered the era of networking competition. This has moved the competition from a local to that of global business environments and from company against company to that of a supply chain against supply chain. Enterprise Resource Planning (ERP) systems have become one of the main pre-requisites and a strong and integrated IT infrastructure for many companies enabling them to compete and to gain a competitive advantage in the local and global marketplace. ERP systems are considered as the backbone for e-business as well as for the whole supply chain, particularly for those companies that undertake online business transactions. Supply Chain Management Performance and ERP Implementation is unique in its breadth of coverage the impact of ERP systems functionality on Supply Chain Management (SCM) performance with respect to Top Management Support, Employee Involvement, and Cultural Fit. It is presented and explained in a clear, straightforward manner based on the empirical data through a research.

Enterprise Systems for Management: Pearson New International Edition-Luvali Motwalla 2013-08-28 For undergraduate and MBA-level Enterprise Systems courses. An approach to understanding and implementing ERP systems for success in today’s organizations. Motwalla teaches students the components of an ERP system, and the process of implementing ERP systems within a corporation to increase the overall success of the organization. This text also places major importance on the strategic role of ERP systems in providing a platform for improved business operations and productivity. The second edition reflects the nature of today’s enterprise systems.

The Use of ERP in Practice. Benefits and Challenges-Nadiia Kudriashova 2019-02-06 Thesis (M.A.) from the year 2017 in the subject Computer Science - General, grade: MA, , language: English, abstract: The purpose of the work is to analyze the key factors of the successful implementation of ERP-systems within the framework of the problem of integration between management, employees of the company, and the external environment. In the course of the research, the following were conducted: analysis of the ERP system market, identification of the main trends, problems and prospects; highlighting the main advantages and disadvantages of implementing ERP-system in the enterprise, analysis of approaches to assessing and delivering the ERP-system; generalization of ERP system implementation experience at specific enterprises, evaluation of implementation efficiency; development of recommendations for replicating the ERP-system in accordance with the analysis. As a result of the research, it was found that the implementation of ERP-systems is an expensive and resource-intensive process that distracts the management and production personnel of the company from the main activity for a long time. In this connection, studies of mechanisms for reducing these costs and overcoming resistance to change are relevant. The typification of the implementation of ERP-systems is expected to reduce the negative factors.

Enterprise Resource Planning-K. Ganesh 2014-06-18 This book introduces the fundamental principles of understanding business requirements to apply enterprise resource planning (ERP) in order to meet business needs. The book also helps readers understand the usage of ERP for monitoring and controlling business processes, while providing practical oriented solutions to the design and implementation of ERP. Using the provided framework, a business can decide to provide more value at lower cost which increases its competitive advantage. This should be an ideal reference for executives, researchers and consultants in project management of ERP. ERP can be considered to be an integrated package of business process. The scope of ERP determines the extent of automation of business process. For example if ERP covers Human Resource (HR) and finance business processes only, then business process related HR and finance are automated. Typically business process that are automated in HR and finance employee entry and exist process, allocation of employee ID, payroll, processing , income tax planning and actual deduction etc. There is seamless flow of employee data and information is available at an effectively faster rate to take appropriate decision. As custom demand increases, there is a need to meet the changing scenario with speed and efficiency. While there is a need to increase productivity, there is also a need to reduce cost of operation. The repetitive business processes can be handled effectively by automating them and freeing human resources for meeting other uncertainties. These automations not only should be done for each department, but also should cut across different departments. Thus there is a need for automating business processes at enterprise level. This enterprise level automation started with MRP, then MRP II, ERP and then finally open source ERP have taken centre stage. Out of the standard products available in the market, an organization can chose an ERP product for implementation, depending on the features available and the total cost of ownership (TCO). This comparison helps an organization to choose the product that best suits the needs for the organization. Enterprise Resource Planning: Fundamentals of Design and Implementation highlights these concepts while discusses different good practices to design and implement ERP.

Information Resources Management: Global Challenges-Law, Wai K. 2006-12-31 *This book addresses challenges in managing information resources in dynamic social environments across cultures, including research on key factors for social acceptance of information technology, and user adoption of information management methods. It explores new paradigms under which information resources will generate original meanings for a contemporary generation of users, with emphasis on user-centered and culture-centric information systems*—Provided by publisher.

Enterprise Resource Planning-Alexis Leon 2008 Enterprise Resource Planning (ERP) is an enterprise-wide software solution that integrates and automates business functions of an organization. This real-time information integration across the organization’s functional areas increases operational efficiencies and helps managers to arrive at better decisions making the organization more competitive. Today having an ERP system is not a luxury, but a necessity. A robust ERP system along with a fully trained workforce is a must for an organization’s survival.
Enterprise Resource Planning Models for the Education Sector: Applications and Methodologies-Parul Patel, Kanubhai K. 2012-10-31 Even as enterprise resource planning (ERP) continues to be strategic in an education sector, educational institutions and universities are facing many challenges in creating strong ERP applications and methods to achieve the expectations of academia. Enterprise Resource Planning Models for the Education Sector: Applications and Methodologies is a comprehensive collection of research which highlights the increasing demand for insight into the challenges faced by educational institutions on the design and development of enterprise resource planning applications. This book is composed of content from management and engineering students, professionals and researchers in the education fields.

 Enterprise Resource Planning-2014


Enterprise Information Systems: Concepts, Methodologies, Tools and Applications-Management Association, Information Resources 2010-09-30 This three-volume collection, titled Enterprise Information Systems: Concepts, Methodologies, Tools and Applications, provides a complete assessment of the latest developments in enterprise information systems research, including development, design, and emerging methodologies. Experts in the field cover all aspects of enterprise resource planning (ERP), e-commerce, and organizational, social and technological implications of enterprise information systems.

Free and Open Source Enterprise Resource Planning: Systems and Strategies-Atem de Carvalho, Rogerio 2011-12-31 Free/Open Source Enterprise Resource Planning systems (FOS-ERP) are gaining popularity and acceptance due to two main factors: their lack of licensing fees and customizability. Given this, organizations are able to easily adopt and manipulate these systems to meet their individual needs. Free and Open Source Enterprise Resource Planning: Systems and Strategies unites research on FOS-ERP, comparing differences with proprietary Enterprise Resource Planning products, and demonstrating key research factors. It includes cases demonstrating how small enterprises have benefited from FOS-ERP in Spain and in Belgium, along with difficulties encountered and solutions developed. This essential reference addresses key issues such as security and legal risks, as well as challenges, opportunities, and barriers to adoption.

Enterprise Risk Management-David L Olson 2007-12-21 This book expands the scope of risk management beyond insurance and finance to include accounting risk, terrorism, and other issues that can threaten an organization. It approaches risk management from five perspectives: in addition to the core perspective of financial risk management, it addresses perspectives of accounting, supply chains, information systems, and disaster management. It also covers balanced scorecards, multiple criteria analysis, simulation, data envelopment analysis, and financial risk measures that help assess risk, thereby enabling a well-informed managerial decision making.

The book concludes by looking at four case studies, which cover a wide range of topics. These include such practical issues as the development and implementation of a sound risk management structure, supply chain risk and enterprise resource planning systems in information systems, and disaster management.

Enterprise Resource Planning (Erp) the Great Gamble-Ray Atkinson 2013-06-27 This book is not a technical manual explaining all the nuts-and-bolts details of ERP that must be mastered to successfully implement the technology but is a guide to senior executives, managers, project managers, and project teams to understand the different aspects of an ERP project. An ERP project is far broader than the software technology and it is these other issues that can be the difference between success and failure. This book is based on 35 years of experience of the author, who has worked in organisations all over the world in various capacities and has project-managed ERP projects with varying degrees of success and failure and has analysed many ERP projects from a recovery, mediation and litigation perspective to determine the underlying reasons for ERP failure. The book is written in layman's terms and seeks to provide senior management, middle management, project management, and their project teams with an understanding of the issues that need to be addressed and managed in order to achieve a successful outcome from an ERP project.

Emerging Issues and Technologies for ERP Systems-Class of Enterprise Systems 2011-12

Feral Information Systems Development: Managerial Implications-Kerr, Donald Vance 2014-01-31 This book seeks to accelerate the collective understandings and implications on the management of business; it offers a comprehensive guide to several aspects of risk, including information systems, disaster management, supply chain and disaster management perspectives. A major portion of the book is devoted to presenting a number of operations research models that have been (or could be) applied to enterprise supply risk management, especially from the supply chain perspective. Each chapter of this book can be used as a stand-alone module on a respective topic, with dedicated examples, definitions and discussion notes. This book comes at a time when the world is increasingly challenged by new forms of terrorism and disaster management. Events of the 21st Century have made enterprise risk management even more critical. Risks such as suspicions surrounding top-management structures, financial and technology bubbles (especially since 2008), as well as the risk posed by terrorism, such as the 9/11 attacks in the U.S. as well as more recent events in France, Belgium, and other European countries, have a tremendous impact on many facets of business. Businesses, in fact, exist to cope with risk in their area of specialization.

Handbook of Research on Enterprise Systems-Gupta, Jatinder N. D. 2009-01-31 This book offers a comprehensive guide to several aspects of risk, including information systems, disaster management, supply chain management perspectives, a major portion of the book is devoted to presenting a number of operations research models that have been (or could be) applied to enterprise supply risk management, especially from the supply chain perspective. Each chapter of this book can be used as a stand-alone module on a respective topic, with dedicated examples, definitions and discussion notes. This book comes at a time when the world is increasingly challenged by new forms of terrorism and disaster management. Events of the 21st Century have made enterprise risk management even more critical. Risks such as suspicions surrounding top-management structures, financial and technology bubbles (especially since 2008), as well as the risk posed by terrorism, such as the 9/11 attacks in the U.S. as well as more recent events in France, Belgium, and other European countries, have a tremendous impact on many facets of business. Businesses, in fact, exist to cope with risk in their area of specialization.

The Impact of ERP on the Effectiveness of Business Process Management-Shorouk Sherif 2019-03-22 Research Paper (undergraduate) from the year 2018 in the subject Computer Science - Commercial Information Technology, grade: A-, German University in Cairo, language: English, abstract: Enterprise Resource Planning (ERP) is a software that consists of a group of applications and tools that aim mainly to monitor business functions, operations and processes across an organization, providing reliable information to different units of the company such as finance and accounting, sales and distribution, human resources and others. In addition, with the daily evolution of information technology, the ERP system has been progressing and building itself for the last two decades, until it took the shape we all know now. On the other hand, Business Process Management (BPM) can be identified as the discipline that reaches through the maximum control and management of organizational structure and format of the business processes, which eventually leads to enhanced business process management. This research paper is exploring the impact of ERP on the effectiveness of business process management by evaluating ERP potential development on business processes and how automation
provided by ERP would affect these processes. In addition, this study aims to demonstrate the functionalities of ERP, and their possible positive effect the system may have on business performance, even though some studies argue that not all ERP implementation project succeed. The paper is organized as follows: the first section will discuss ERP’s definition, evolution and history, functionalities, the implementation stages of ERP systems, benefits of ERP and the cloud ERP and its types. The second section will discuss the definition of business processes management. In addition, the BPM methodologies including business process architecture, how to make the right choice for methodology and process classification framework. The last section will discuss and explore how investing in ERP can improve BPM by explaining the budget, time and plan needed for ERP systems and business processes re-engineering and system integration to match with the ERP systems. Also this section includes benefits and risks of ERP on BPM by evaluating ERP effectiveness and efficiency and assessing risks.