

Business Process Engineering

This is an important text for all students and practitioners of Business Process Reengineering. It provides a comprehensive resource for understanding and implementing BPR as relating to the needs of each individual business, and it places particular emphasis on the importance of the OHandS function within the commercial environment. This volume provides an in-depth coverage of all the key areas which are essential to the implementation of BPR. It provides unique practical guidance on implementing BPR strategies as formulated by the author and a range of academic practitioners and industry experts. Importantly, it demonstrates how these initiatives can be implemented in a real-world environment and in accordance with stated business objectives, so as to effect positive and productive change. The advantages of a newly-developed business tool known as the "Sturdy BPR Matrix" are carefully considered, as is guidance on the implementation of BPR in any situational context.

A business organization, like a human body, is only as effective as its various processes. Pretty obvious, right? Yet, as V. Daniel Hunt demonstrates in this groundbreaking book, the failure to appreciate this obvious fact is the reason most reengineering schemes fail. Managers whose job it is to improve company performance, like physicians who work to improve patient health, must develop a clear picture of how each process fits into the overall organizational structure; how it ought to function; and how well it is performing at any given moment; before they can form a diagnosis or devise a treatment strategy. Fortunately, a powerful new analytical tool that has emerged in recent years helps you to do all of that and much more. Developed at General Electric, process mapping has been implemented in companies around the globe, and the results have been simply astonishing. Now find out how to make this breakthrough reengineering technology work for your organization in Process Mapping. The first and only hands-on guide of its kind, Process Mapping arms you with a full complement of state-of-the-art tools and techniques for assessing existing business processes and developing a detailed road map for ongoing change and improvement. Internationally known management consultant and bestselling author V. Daniel Hunt guides you step-by-step through the entire process. He helps you assess the need for process reengineering in your organization and determine whether or not a process map is what you need. He shows you how to create a process mapping team and helps you select the best-buy process mapping tools for the job. He explains how to gather vital information about your business processes via focused interviews and other interview techniques, and how to use this data in implementing process mapping. He also offers expert advice on how to apply your process map to significantly improve business functions and bottom-line performance. Hunt draws upon the experiences of companies around the world whose process mapping success stories will be a source of inspiration and instruction. You'll find out just how process mapping was put to use--and the results it achieved--at General Electric, IBM, NASA, Tandy Electronics, Shawmut National Bank, Fluor Daniel, Exxon, and other leading product and service firms. Find out all about today's most important new management tool and how to put it to work for continuous improvement in your organization in Process Mapping. The first and only hands-on guide to a powerful new process mapping tool The most important new process improvement tool to come along in more than a decade, process mapping enables managers to easily identify and assess the various business processes that make up their organizations and to develop a road map for continued performance improvement. Now find out how to make this breakthrough management tool work in your organization by applying Process Mapping. V. Daniel Hunt, the bestselling author of Reengineering, Quality in America, and The Survival Factor, guides you step-by-step through the entire process. He gives you all the proven process mapping tools and techniques you need to:

- * Assess the need for process improvement in your company*
- * Decide if process mapping is right for you*
- * Create a process mapping team*
- * Select the best process mapping software tools for the job*
- * Collect vital information about business processes*
- * Use the data to build your own process map*
- * Use your process map to significantly improve bottom-line business performance*

Hunt also provides detailed case studies of product and service companies around the globe that have discovered the value of process mapping. You'll find out how General Electric, IBM, NASA, Tandy Electronics, Shawmut National Bank, Fluor Daniel, Exxon, and other leading companies achieved stunning results when they made process mapping part of their business improvement efforts.

Business Process Engineering Advancing the State of the Art Springer Science & Business Media

The field of information systems analysis and design includes numerous evolving modelling methods and notations. Even with some attempts to standardize, new modelling methods are constantly being introduced that significantly impact the way information systems are analyzed and designed in practice. Modeling Methods for Business Information Systems Analysis and Design is a collection of innovative research on the methods and applications of knowledge systems and their applications within organizational settings. While highlighting topics including finance, operational planning, and enterprise models, this book is ideally designed for academicians, professionals, and organizational researchers seeking current research on organizational design.

Process Innovation

Towards the Holonic Enterprise

Business Enterprise, Process, and Technology Management: Models and Applications

Business Process Reengineering Assessment Guide

Business Process Engineering A Complete Guide - 2020 Edition

Business Processes for Business Communities

Business Process Engineering

The 1st study edition is based on the 2nd hardcover edition of "Business Process Engineering". Several inconsistencies and minor modifications have been carried out. This study edition is a response to many requests for a budget-priced edition for students. This edition pursues a holistic descriptive approach that is based on the Architecture of Integrated Information Systems (ARIS) developed by the author. In addition to the data view, this approach also comprises the function, organization and control views, and encompasses all phases of the information system lifecycle - from analysis, requirements definition and design specification to implementation. The reference models developed here can thus serve as initial models for concrete applications. The illustrations are oriented strongly toward standard software in order to reflect their significance in terms of real-world representations. In particular, the discussion applies examples from the R/3 system from SAP AG and from the systems from IDS Prof. Scheer GmbH, build on concepts developed by the author. No "user description" of concrete systems is provided; instead, general foundations are laid in order to facilitate a deeper understanding of the application logic that is reflected in standard software. An attempt is made to close the gap between business administration theory and the "operating instructions" of standard software.

The book deals with the powerful concept of Business Process Reengineering (BPR) employed to bring about dramatic improvement in key business processes. It compares other important management concepts with BPR like Kaizen, TQM, Quality Function Deployment (QFD), ISO Standards and Enterprise Resource Planning (ERP). The book also deals with the management of change at length for a clear understanding of several aspects of change needed for the successful implementation of BPR in an organization.

- 1. Business Process Reengineering and Kaizen**
- 2. Definition and Illustrations of Business Process Reengineering**
- 3. Business Process Reengineering and Other Management Concepts**
- 4. Implementation of Business Process Reengineering**
- 5. Reengineering Structure**
- 6. Common Pitfalls in Business Process Reengineering**
- 7. Change Management in Business Process Reengineering**

101 management theories from the world's best management thinkers - the fast, focussed and express route to success. As a busy manager, you need solutions to everyday work problems fast. The Little Book of Big Management Theories gives you access to the very best theories and models that every manager should know and be able to use. Cutting through the waffle and hype, McGrath and Bates concentrate on the theories that really matter to managers day-to-day. Each theory is covered in two pages - telling you what it is, how to use it and the questions you should be asking - so you can immediately apply your new knowledge in the real world. The Little Book of Big Management Theories will ensure you can: Quickly resolve a wide range of practical management problems Be a better, more decisive manager who gets the job done Better motivate and influence your staff, colleagues and stakeholders Improve your standing and demonstrate that you are ready for promotion All you need to know and how to apply it - in a nutshell.

One of the keys to successful business process engineering is tight alignment of processes with organisational goals and values. Historically, however, it has always been difficult to relate different levels of organizational processes to the strategic and operational objectives of a complex organization with many interrelated and interdependent processes and goals. This lack of integration is especially well recognized within the Human Resource Management (HRM) discipline, where there is a clearly defined need for greater alignment of HRM processes with the overall organizational objectives. Value-Focused Business Process Engineering is a monograph that combines and extends the best on offer in Information Systems and Operations Research/Decision Sciences modelling paradigms to facilitate gains in both business efficiency and business effectiveness.

Concepts, Methods, and Technologies

Aligning Business Processes and Information Systems

Breakpoint Strategies for Market Dominance

Reference Models for Industrial Enterprises

An ICT Approach

Current Issues and Applications

A Guide to Business Process Re-engineering

Examines a broad range of research and case studies that throws light on potential, social and human factors which determine the success of information technology.

The business environment of the 1990s demands significant changes in the way we do business. Simply formulating strategy is no longer sufficient; we must also design the processes to implement it effectively. The key to change is process innovation, a revolutionary new approach that fuses information technology and human resource management to improve business performance. The cornerstone to process innovation's dramatic results is information technology--a largely untapped resource, but a crucial "enabler" of process innovation. In turn, only a challenge like process

innovation affords maximum use of information technology's potential. Davenport provides numerous examples of firms that have succeeded or failed in combining business change and technology initiatives. He also highlights the roles of new organizational structures and human resource programs in developing process innovation. Process innovation is quickly becoming the byword for industries ready to pull their companies out of modest growth patterns and compete effectively in the world marketplace.

Business Process Change, 3rd Edition provides a balanced view of the field of business process change. Bestselling author Paul Harmon offers concepts, methods, cases for all aspects and phases of successful business process improvement. Updated and added for this edition is new material on the development of business models and business process architecture development, on integrating decision management models and business rules, on service processes and on dynamic case management, and on integrating various approaches in a broad business process management approach. New to this edition: How to develop business models and business process architecture How to integrate decision management models and business rules New material on service processes and on dynamic case management Learn to integrate various approaches in a broad business process management approach Extensive revision and update addresses Business Process Management Systems, and the integration of process redesign and Six Sigma Learn how all the different process elements fit together in this best first book on business process, now completely updated Tailor the presented methodology, which is based on best practices, to your organization's specific needs Understand the human aspects of process redesign Benefit from all new detailed case studies showing how these methods are implemented

Since its first edition 15 years ago, Business Process Analysis has become a standard reference work in the library of many business process practitioners. This new edition continues the presentation of a portfolio of analysis techniques essential for any serious business process analysis work - and goes much further. Since those early days, there has been a rapid expansion of approaches to business process work, and most of these are reflected in the book's subtitle: architecture, engineering, improvement, management, and maturity. All these (and others) are addressed in the book, discussing the strengths and limitations of each. Whichever way you approach business process work, this book is essential reading for all practitioners because of its breadth and depth of commentary. It is careful to document sources, and has a comprehensive list of relevant material. The book is also essential reading for all students of business processes at final year undergraduate, and master's levels, as it meets relevant level descriptors. The book contains several innovative ideas, including: information technology is not the only enabling technology for business process improvement: business processes have been improved since time immemorial by the utilization of technology, not only information technology - and this will continue given modern technology convergence; the origin of virtually all approaches to systems analysis (including object-oriented analysis, and relational theory), is identified and documented; diagrammatic approaches to analyzing business processes are incapable of yielding models that can be checked for completeness and consistency, particularly as the number of processes increases; increasingly, the issue is not only business processes within an organization - the issue is business processes that cross organizational boundaries and may involve many enterprises; the book calls for a business process epistemology to complement business process ontology. Whatever your view about approaches to business processes, you will find this book stimulating, challenging, comprehensive, and thought provoking.

... and how to use them

Business Process Management Workshops

Collected Papers from the EPSRC Research Programme

Managing Breakthrough Changes for Productivity and Profit

Systems Engineering for Business Process Change

Including Architecture, Engineering, Management, and Maturity

Modelling and Analysis for Re-Engineering and Improvement

For advanced courses in Management Information Systems. Organizational Transformation Through Business Process

Reengineering deals with both successes and failures of business process reengineering, maintaining that no one management approach is a cure-all for organizational change. This book contains 36 readings and 8 cases, and builds on the evidence gained in actual firms with various business processes, using many different business process reengineering approaches. The information and knowledge currently available is much richer, more comprehensive, and detailed than has been previously available.

Once the decision has been made to introduce lean management, the task of actually reengineering the organization's business processes will involve months or even years of work and study. This book affords researchers, users and students valuable assistance in implementing new organizational concepts through the employment of new information processing techniques. The structure of the book follows the business processes of logistics, product development, information and coordination, and offers detailed examples of how outdated organizational structures can be reengineered. The portrayals are embedded in the proven "Architecture of Integrated Information Systems" (ARIS) and emphasize an holistic view of the problem through function, data and process models. At the same time, it shows how design specifications can be employed to translate requirements definitions into concrete system implementations. A very large proportion of commercial and industrial concerns in the UK find their business competitiveness dependent on huge quantities of already installed, legacy IT. Often the nature of their business is such that, to remain competitive, they have to be able to change their business processes. Sometimes the required change is radical and revolutionary, but more often the required change is incremental. For such incremental change, a major systems engineering problem arises. The cost and delay involved in changing the installed IT to meet the changed business requirements is much too high. In order to address this issue the UK Engineering and Physical Science Research Council (EPSRC) set up, in 1996, a managed research programme entitled Systems Engineering for Business Process Change (SEBPC). I was appointed as co-ordinator of the programme. The overall aim of this new managed research programme was to release the full potential of IT as an enabler of business process change, and to overcome the disabling effects which the build-up of legacy systems has on such change. As such, this aim addressed a stated objective of the Information Technology and Computer Science (IT&CS) part of EPSRC to encourage research at a system level.

Most managers will by now have some understanding of Business Process Re-Engineering and the immense benefits it is capable of bringing. Here at last is a detailed guide to realizing those benefits. The authors begin with a warning to think carefully about whether the BPR approach is suitable for your particular organization. They go on to show how it can be planned and implemented in a systematic way. With the aid of examples and illustrations they take the reader through the various stages involved, introducing both the principles and the techniques that apply. Finally they explain how to ensure sustained improvement by managing the changes achieved.

A Practical Guide to Business Process Re-engineering

Modeling Languages, Methods, Tools

Learning to Run

Gain Agility, Create Value, and Achieve Success

Enterprise Process Management Systems

Beyond Business Process Reengineering

Business Systems Engineering

With the massive increase in interest in BPR, TQM and ISO 9000 has come a tide of texts and evangelical razzamatazz on the philosophy and the hearts and minds issues. But those tasked with making change happen at the coal face must feel short of practical tools to work with when it comes to modelling and analysing the business processes that are to be re-engineered, improved or defined. This book provides an answer. Why worry about processes? People know that organisations have functions and responsibilities but not everyone will see these as part of the process. Each person does their bit, but how do all the pieces fit together? Starting people to think about processes and simply modelling the processes can provide individuals and groups with a perspective which transcends parochial views and results in a more collaborative spirit; "now I know what you want I can ensure you get it reliably". A model that makes the process visible to all concerned brings great value in itself. Business Processes is intended to help people "get out of the functional silos". What is STRIM? STRIM-A Systematic Technique for Role & Interaction Modelling-and its central notation-The Role Activity Diagram- provides a practical method for really getting to grips with what the organisation does and how it does it, in a way which is revealing, communicative, and accessible by everyone around the organisation. The book covers the full method: from organising a modelling project, through the notation, its use at micro and macro levels, patterns of organisational behaviour, through process analysis and on into process support system development.

After a brief introduction to the topic of business process modeling, the book offers a quick-start into model-based business process engineering. After that, the foundations of the modeling languages used are conveyed. Meaningful examples are in the foreground - each of the underlying formalisms is treated only as far as needed. Next the Horus Method is described in detail. The book defines a sequence of activities which finally leads to the creation of a complete business process model. The Horus Method, incidentally, is not bound to the use of the Horus software tools. It can be used with other tools or, if necessary, be used even without tool support. Important application fields of business process engineering are described, where the spectrum ranges from business process reengineering to the development and implementation of information systems. The book concludes with an outlook on the future of business process engineering and highlights current research activities in the area.

How do you ensure that the Business process engineering opportunity is realistic? What are your operating costs? How do you keep records, of what? How do you foster innovation? What can you do to improve? This exclusive Business Process Engineering self-assessment will make you the dependable Business Process Engineering domain authority by revealing just what you need to know to be fluent and ready for any Business Process Engineering challenge. How do I reduce the effort in the Business Process Engineering work to be done to get problems solved? How can I ensure that plans of action include every Business Process Engineering task and that every Business Process Engineering outcome is in place? How will I save time investigating strategic and tactical options and ensuring Business Process Engineering costs are low? How can I deliver tailored Business Process Engineering advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all Business Process Engineering essentials are covered, from every angle: the Business Process Engineering self-assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that Business Process Engineering outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced Business Process Engineering practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in Business Process Engineering are maximized with professional results. Your purchase includes access details to the Business Process Engineering self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows you exactly what to do next. Your exclusive instant access details can be found in your book. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard -

Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Business Process Engineering Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

The first English-language edition of this book was published in 1989 under the title "Enterprise-Wide Data Modelling." It introduced a new enterprise data model that has since gone on to enjoy widespread use as a reference model. Since that time, the author has continued to develop the representation of application problems, both on a theoretical basis using modeling languages and on a practical basis using real-world studies. This has led to so many new aspects that this second English-language edition (the original German version is now in its fifth edition) constitutes a completely new book. The new title expresses the stricter emphasis on business processes in contrast to the previous edition, which was geared more toward a functional structure. This approach reflects the trend toward process oriented structural and procedural organization in enterprises that is currently being supported by new means of information processing. Perhaps the most obvious way in which the second English-language edition differs from the first is in the increased number of pages. This is a direct result of the higher degree of detail and the more thorough problem description presented in the new edition. The degree of detail has increased in the case of those problems that are particularly important in terms of selecting and designing information systems in an industrial enterprise, e.g., the product description and CAM factory organization. This approach provides greater reality and thus facilitates a better understanding of the complex organism that is an industrial enterprise.

Manifesto for Business Revolution, A

Frameworks for Service Integration

Reengineering the Corporation

with Applications to Human Resource Management

Business Process Engineering Methodology

Strategies for Occupational Health and Safety

Value-Focused Business Process Engineering : a Systems Approach

The managerial practices that successfully drove industry for decades have become insufficient to support the rapidly changing business landscape. Companies around the world are being challenged to improve performance, reshape operations, and adapt swiftly to new opportunities. With an abundance of improvement methodologies and frame

The most successful business book of the last decade, Reengineering the Corporation is the pioneering work on the most important to business today: achieving dramatic performance improvements. This book leads readers through the radical redesign of a company's process organization, and culture to achieve a quantum leap in performance. Michael Hammer and James Champy have updated and revised their milestone work for the New Economy they helped to create -- promising to help corporations save hundreds of millions of dollars more customer satisfaction still higher, and grow ever more nimble in the years to come.

This textbook explores the fundamental principles of Business Process Reengineering (BPR). The express aim of the book is to address MBA students opting for courses in 'Information Technology Management or 'Operations Management', MCA students who opt for Business Processes as an elective, and students of BE/B.Tech Mechanical Engineering and Production Engineering for courses in Process Engineering/Automation/Management System Design. The book provides them with the concepts, methodologies, models and tools needed to understand and implement BPR. In a nutshell, the book offers a step-by-step presentation of the practical framework and management needed to achieve engineering solutions for implementation of BPR in an organization. The initial chapters introduce the reader to the BPR and its utility in relation to IT and manufacturing. The middle chapters cover the methodology, success factors, barriers, and the tools that are relevant for BPR implementation. The latter chapters present solutions like lean and virtual manufacturing, enterprise resource and functional information systems. An exclusive chapter is devoted to concepts and tasks of software reengineering. Aided by extensive illustrations, end-of-chapter review questions, as well as a chapter consisting entirely of case studies, this book will help students develop a multifaceted perspective, to enable them to handle complex management and engineering problems. The book will be useful to students practically all branches of engineering, not just mechanical/production/industrial engineering.

Business processes and information systems mutually affect each other in non-trivial ways. Frequently, processes are designed without systems' impact into account, and vice versa. Missing alignment at design-time results in quality problems at run-time. Robert Heinrich examples from research and practice for an integrated design of process and system quality. A quality reference-model characterizes process quality and a process notation is extended to operationalize the model. Simulation is a powerful means to predict the mutual quality impact, compare design alternatives, and to verify them against requirements. The author describes two simulation approaches and discusses their insights on their application in practice.

BPM 2017 International Workshops, Barcelona, Spain, September 10-11, 2017, Revised Papers

Text and Cases

Automation Decision Points in Process Reengineering

Business Process Change

Process Mapping

Business Process Engineering Study Edition

Enterprise Process Management Systems: Engineering Process-Centric Enterprise Systems using BPMN 2.0 proposes a process-centric paradigm to replace the traditional data-centric paradigm for Enterprise Systems (ES)--ES should be reengineered from the present data-centric enterprise architecture to process-centric process architecture to be called as Enterprise Process Management Systems (EPMS). The real significance of business processes can be understood in the context of current heightened priority on digital transformation or digitalization of enterprises. Conceiving the roadmap to realize a digitalized enterprise via the business model innovation becomes amenable only from the process-centric view of the enterprise. This

pragmatic book: Introduces Enterprise Process Management Systems (EPMS) solutions that enable an agile enterprise. Describes distributed systems and Service Oriented Architecture (SOA) that paved the road to EPMS. Leverages SOA to explain the cloud-based realization of business processes in terms of Web Services. Describes how BPMN 2.0 addresses the requirements for agility by ensuring a seamless methodological path from process requirements modeling to execution and back (to enable process improvements). Presents the spreadsheet-driven Spreadsheets Application Development (SAD) methodology for the design and development of process-centric application systems. Describes process improvement programs ranging right from disruptive programs like BPR to continuous improvement programs like lean, six sigma and TOC. Enterprise Process Management Systems: Engineering Process-Centric Enterprise Systems using BPMN 2.0 describes how BPMN 2.0 can not only capture business requirements but it can also provide the backbone of the actual solution implementation. Thus, the same diagram prepared by the business analyst to describe the business's desired To-Be process can also be used to automate the execution of that process on a modern process engine.

A guide to combining two powerful management techniques to transform any business organization into a masterpiece of business efficiency. Lester Dean Thurow, Dean of MIT's Sloan School of Management, recently stated that benchmarking combined with process engineering will be the most important management technique of the 1990s. Now, in this groundbreaking book, Gregory Watson describes how top corporations worldwide have already successfully implemented that powerful cutting-edge technique--which he calls "business systems engineering"--to promote continuous improvement. More importantly, he clearly demonstrates how you can do the same in your organization. * Introduces business systems engineering, a dynamic new approach to rethinking and redesigning business processes to achieve dramatic improvements in quality, cost, service, speed, and more * Offers clear guidelines for using business systems engineering techniques to make your organization more dynamic, productive, and able to adapt to change in today's global marketplace * Incorporates key aspects of TQM, business process improvement, policy deployment, industrial engineering, teamwork, problem solving, and information technology into one holistic system * Includes business systems engineering success stories, including those at Compaq, United Services Automobile Association and Motorola, as well as a survey of the effect of systems change across the global automobile industry Organizations are being urged to experiment with new structures and processes. A 'process perspective' on organizing is emerging as a major challenge to 'functional' principles of organizing established during the last century. Business process reengineering is one exemplar of process thinking that has received great attention amongst organizational theorists and practitioners. This in-depth account of business process reengineering within a major NHS hospital is an important contribution to the very limited stock of empirical knowledge about new organizational forms, especially in the public sector. The book combines empirical data gathered through an intensive, comparative case study method with strategic choice and neo-institutional theories to analyse the changing context of public organizations, importation of models of organizing from private to public organizations, and dynamics of public sector transformation. The outcomes of the change programme add to our more general organizational knowledge about (a) the impact of corporate change programmes, particularly in professionalized and public sector settings, (b) impediments and enablers of lateral organizing structures and processes, and (c) contradictions within the New Public Management between functional and process principles for organizing.

David Broadbent presented a number of theories round a case study at the OMG 'BPM Think Tank' in November 2008 in Putten, Netherlands. The main points were that lots of organisations suffer from some or all of the following: □ No Cross-functional communication or co-operation. □ No understanding of the end-to-end process □ No ownership of the end-to-end process □ Blame culture □ Silo mentality □ Resistance to change □ Lack of process capability maturity to actually implement change A number of those present suggested that David put his theories on culture being seen as an afterthought into a book.

Models and Applications

The Little Book of Big Management Theories

New Approaches to Continuous Quality Engineering

Business Processes

Organizational Transformation Through Business Process Reengineering

BUSINESS PROCESS REENGINEERING

How to Reengineer Your Business Processes

Business process reengineering (BPR) focuses on redesigning the strategic and value-added processes which transcend the organizational boundaries. It is a cross-functional approach that requires support from almost all the departments of the organization. Business Process Reengineering: Automation Decision Points in Process Reengineering offers a new framework based process reengineering and links it to organization life cycle, process life cycle, and process management. This volume describes the fundamental concepts behind business process reengineering and examines them through case studies, and should appeal to researchers and academics interested in business process reengineering, operations strategy, and organizational restructuring and design.

"This book is about achieving organizational synergy in an era of business which is rapidly moving towards electronic collaboration, providing clear definition of the next phase of this collaborative evolution of the Internet"--Provided by publisher.

This book constitutes revised papers from the eleven International Workshops held at the 15th International Conference on Business Process Management, BPM 2017, in Barcelona, Spain, in September 2017: BPAI 2017 – 1st International Workshop on Business Process Innovation with Artificial Intelligence; BPI 2017 – 13th International Workshop on Business Process Intelligence; BP-Meet-IoT 2017 – 1st International Workshop on Ubiquitous Business Processes Meeting Internet-of-Things; BPMS2 2017 – 10th Workshop on Social and Human Aspects of Business Process Management; - CBPM 2017 – 1st International Workshop on Cognitive Business Process Management; CCABPM 2017 – 1st International Workshop on Cross-cutting Aspects of Business Process Modeling; DeHMiMoP 2017 – 5th International Workshop on Declarative/Decision/Hybrid Mining & Modeling for Business Processes; QD-PA 2017 – 1st International Workshop on Quality Data for Process Analytics; REBPM 2017 – 3rd International Workshop on Interrelations between Requirements Engineering and Business Process Management; SPBP 2017 – 1st Workshop on Security and Privacy-enhanced Business Process Management; TAProViz-PQ-IWPE 2017 – Joint International BPM 2017 Workshops on Theory and Application of Visualizations and Human-centric Aspects in Processes (TAProViz'17), Process Querying (PQ'17) and Process Engineering (IWPE17). The 44 full and 11 short papers presented in this volume were carefully reviewed and selected from 99 submissions.

Discusses nine assessment issues that are grouped into three major areas: assessing the decision to pursue Business Process Reengineering (BPR), focuses on strategic & general management issues that need to be resolved before an organization embarks on a BPR project. Assessing the new process' development picks up at the point where the organization has decided to begin a BPR project. It focuses on the management of the BPR team, the team's process redesign activities, & the business case it develops. Assessing project implementation & results deals with the problems involved in piloting & deploying a new BPR. Glossary & bibliography.

Business Process Reengineering

Improving Business Process Performance

Modeling Methods for Business Information Systems Analysis and Design

Applying the Lessons Learned

Business Process Reengineering & Change Management

The Complexities of Organizational Transformation

Business Process Analysis

This volume shows how ICT (information and communications technology) can play the role of a driver of business process reengineering (BPR). ICT can aid in enabling improvement in BPR activity cycles as it provides many components that enhance performance that can lead to competitive advantages. IT can interface with BPR to improve business processes in terms of communication, inventory management, data management, management information systems, customer relationship management, computer-aided design, computer-aided manufacturing (CAM), and computer-aided engineering. This volume explores these issues in depth.

Internationally renowned experts, with worldwide consulting expertise, chart a dynamic new trend that promises to go beyond current thinking on BPR and virtual companies. Discusses the competitive advantages of holonic systems, demonstrating what enterprises must do to become viable holonic players. Includes a significant amount of international examples.

Explains how to go beyond the old way of thinking- beyond functional silos, cost cutting, even the simple notion of "teamwork"--To create a new core business process oriented company.

Due to growing concern about the competitiveness of industry in the international marketplace and the efficiency of government enterprises, widespread initiatives are currently underway to enhance the competitive posture of firms and to streamline government operations. Nearly all enterprises are engaged in assessing ways in which their productivity, product quality and operations can be improved. These efforts can be described as Business Process Engineering (BPE). BPE had its roots in industry under differing titles: Process Improvement, Process Simplification, Process Innovation, Reengineering, etc. It has matured to be an important ingredient of successful enterprises in the private and public sectors. After extensive exploitation by industrial and governmental practitioners and consultants, it is attracting increasing attention from academics in the fields of engineering and business. However, even with all of this attention in the popular literature, serious scholarly literature on BPE is in short supply. It is somewhat surprising, especially since so many large international organizations have attempted BPE projects with varied success.

Engineering Process-Centric Enterprise Systems using BPMN 2.0

Reengineering Work Through Information Technology

Reengineering Health Care

Collaborative Business Process Engineering and Global Organizations: Frameworks for Service Integration

Advancing the State of the Art

"This book generates a comprehensive overview of the recent advances in concepts, technologies, and applications that enable advanced business process management in various enterprises"--Provided by publisher.