

Transforming Field And Service Operations Methodologies For Successful Technology Driven Business Transformation

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Turning Administrative Systems Into Information Systems 1994

Transforming Field and Service Operations Gilbert Owusu 2014-01-21 The drive to realise operational efficiencies, improve customer service, develop new markets and accelerate the introduction of new products has substantially increased the complexity of field service operations. To maximise the efficiency and effectiveness of these operations, organisations have embarked on a wide range of transformation programmes that have sought to introduce automation through the use of workforce management technologies. Despite the potential business value that can be provided by such transformation programmes, too often, the automation technologies have not been fully utilised and their expected benefits have as such not been realised. Scholars of organisation change argue that the success of any transformation programme is a function of how well the technical, political, structural and social aspects of a specific project have been managed. The objective of this edited book is to provide insights into how organisations might successfully transform their field service operations with the help of workforce management technologies. Accordingly, the book is organised into four sections: Section A "The Case for Transforming Service and Field Operations" explains the rationale as to why organisations should actively consider transforming their service and field operations, while Section B presents various "Methods, Models and Enabling Technologies for Transforming Service and Field Operations". In Section C, a number of "Case Studies" illustrate how new technologies can be applied to field and service operations to deliver concrete business benefits. Lastly, Section D considers "Challenges, Outcomes and Future Directions". Overall, this book provides valuable insights into how to successfully transform field service operations with automated technologies. It draws on years of experience from different industries and from different perspectives on realising change. It is aimed at managers, technologists, change agents and scholars who are interested in field service operations in general and the use of advanced computing technologies in this area in particular.

Reimagining Animal Sheltering: Support Services and Community-Driven Sheltering Methods Julie Levy 2022-10-21

Advances in Enterprise Engineering XIV David Aveiro 2021-04-13 This book constitutes the proceedings of the 10th Enterprise Engineering Working Conference, EEWC 2020, which was planned to take place in Bozen-Bolzano, Italy, and had to change to an online event due to the COVID 19 pandemic. The online event took place on September 28, 2020, October 19, 2020, and November 9-10, 2020. EEWC aims at addressing the challenges that modern and complex enterprises are facing in a rapidly changing world. The participants of the working conference share a belief that dealing with these challenges requires rigorous and scientific solutions, focusing on the design and engineering of enterprises. The goal of EEWC is to stimulate interaction between the different stakeholders, scientists as well as practitioners, interested in making Enterprise Engineering a reality. The 8 full papers and 2 short papers presented in this volume were carefully reviewed and selected from 23 submissions. The volume also contains 3 keynote papers in full paper length. The papers were organized in topical sections as follows: formal approaches and modeling; the DEMO modeling language; and enterprise engineering practice.

Detailed Vibration Analysis of Pinion Gear with Time-Frequency Methods Marianne Mosher 2003

"Leap Ahead" Technologies and Transformation Initiatives Within the Defense Science and Technology Program United States. Congress. Senate. Committee on Armed Services. Subcommittee on Emerging Threats and Capabilities 2002

Radical Business Model Transformation Carsten Linz 2020-10-03 How can organizations complete a major business model transformation and how can leaders successfully guide their business through this radical shift? As markets are constantly transformed by new technologies and disruptor competitors, once successful business models designed to function in a different time now struggle as the mainstream changes. This book is the guide for organizations looking to turn downward trends into upward momentum and gain an edge on the competition. Now in its second edition, this book offers practical advice on how to understand the fit of an existing business model and reconstruct it with a forward-thinking approach. New illustrative case studies of global organizations which have boldly transformed offer examples for change, including SAP, Netflix and Daimler. Business transformation is presented as a leadership challenge and methods to realize and implement opportunities for innovation company-wide are discussed in detail. Radical Business Model Transformation is essential reading for business leaders, transformation experts and MBA students interested in ensuring that their business model is future-proof and can withstand the new proliferation of innovations set to transform the business landscape.

Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation

Cengiz Kahraman 2021-08-23 This book presents recent research in intelligent and fuzzy techniques. Emerging conditions such as pandemic, wars, natural disasters and various high technologies force people for significant changes in business and social life. The adoption of digital technologies to transform services or businesses, through replacing non-digital or manual processes with digital processes or replacing older digital technology with newer digital technologies through intelligent systems is the main scope of this book. It focuses on revealing the reflection of digital transformation in our business and social life under emerging conditions through intelligent and fuzzy systems. The latest intelligent and fuzzy methods and techniques on digital transformation are introduced by theory and applications. The intended readers are intelligent and fuzzy systems researchers, lecturers, M.Sc. and Ph.D. students studying digital transformation. Usage of ordinary fuzzy sets and their extensions, heuristics and metaheuristics from optimization to machine learning, from quality management to risk management makes the book an excellent source for researchers.

Use of Services for Family Planning and Infertility, United States Gerry E. Hendershot 1988

Interfaces 1998

The Transformation of Academic Health Centers Steven Wartman 2015-03-30 The Transformation of Academic Health Centers: The Institutional Challenge to Improve Health and Well-Being in Healthcare's Changing Landscape presents the direct knowledge and vision of accomplished academic leaders whose unique positions as managers of some of the most complex academic and business enterprises make them expert contributors. Users will find invaluable insights and leadership perspectives on healthcare, health professions education, and bio-medical and clinical research that systematically explores the evolving role of global academic health centers with an eye focused on the transformation necessary to be successful in challenging environments. The book is divided into five sections moving from the broad perspective of the role of academic health centers to the role of education, training, and disruptive technologies. It then addresses the discovery processes, improving funding models, and research efficiency. Subsequent sections address the coming changes in healthcare delivery and future perspectives, providing a complete picture of the needs of the growing and influential healthcare sector. Outlines strategies for academic health centers to successfully adapt to the global changes in healthcare and delivery Offers forward-thinking and compelling professional and personal assessments of the evolving role of academic health centers by recognized outstanding academic healthcare leaders Includes case studies and personal reflections, providing lessons learned and new recommendations to

challenge leaders Provides discussions on the discovery process, improving funding models, and research efficiency

Leading the e-Learning Transformation of Higher Education Gary Miller 2013-12-16

Written by pioneers in the field of online learning, Leading the e-Learning Transformation of Higher Education is a professional text that offers insights and guidance to the rising generation of leaders in the field of higher education. It explains how to integrate online learning into an institution during a period of rapid social and institutional change. This important volume: ? Shares success stories, interviews, cases and insights from a broad range of leadership styles ? Reviews how technology is transforming higher education worldwide ? Provides an overview of how distance education is organized in a range of institutional settings ? Breaks down current leadership challenges in both unit operations and institutional policy This volume launches the new Stylus series that is aimed at the online learning and distance education market. It offers readers the opportunity to benefit from the collective experience and expertise of top leaders in the field. All of the contributors have held leadership roles in national and international distance education organizations. Five of the contributors have been recognized as Sloan Consortium Fellows in 2010 and they have all collaborated with the Institute for Emerging Leaders in Online Learning. These contributors have helped pave the way and now share their insights, advice, and broad vision with the future leaders of the field.

Transforming Field and Service Operations Gilbert Owusu 2016-08-23 The drive to realise operational efficiencies, improve customer service, develop new markets and accelerate the introduction of new products has substantially increased the complexity of field service operations. To maximise the efficiency and effectiveness of these operations, organisations have embarked on a wide range of transformation programmes that have sought to introduce automation through the use of workforce management technologies. Despite the potential business value that can be provided by such transformation programmes, too often, the automation technologies have not been fully utilised and their expected benefits have as such not been realised. Scholars of organisation change argue that the success of any transformation programme is a function of how well the technical, political, structural and social aspects of a specific project have been managed. The objective of this edited book is to provide insights into how organisations might successfully transform their field service operations with the help of workforce management technologies. Accordingly, the book is organised into four sections: Section A "The Case for Transforming Service and Field Operations" explains the rationale as to why organisations should actively consider transforming their service and field operations, while Section B presents various "Methods, Models and Enabling Technologies for Transforming Service and Field Operations". In Section C, a number of "Case Studies" illustrate how new technologies can be applied to field and service operations to deliver concrete business benefits. Lastly, Section D considers "Challenges, Outcomes and Future Directions". Overall, this book provides valuable insights into how to successfully transform field service operations with automated technologies. It draws on years of experience from different industries and from different perspectives on realising change. It is aimed at managers, technologists, change agents and scholars who are interested in field service operations in general and the use of advanced computing technologies in this area in particular.

Trade-marks Journal 1980-03

Smart Manufacturing Innovation and Transformation: Interconnection and Intelligence Luo, ZongWei 2014-03-31 Fast advances in information technology have led to a smarter world vision with ubiquitous interconnection and intelligence. Smart Manufacturing Innovation and Transformation: Interconnection and Intelligence covers both theoretical perspectives and practical approaches to smart manufacturing research and development triggered by ubiquitous interconnection and intelligence. This reference work discusses the transformation of manufacturing, the latest developments in smart manufacturing innovation, current and emerging technology opportunities, and market imperatives that enable manufacturing innovation and transformation, useful tools for readers in industry, academia, and government.

Selected Water Resources Abstracts 1987

Organizational Transformation and Managing Innovation in the Fourth Industrial

Revolution Guerra Guerra, Alicia 2018-11-16 With the growth and advancement of business and industry, there is a growing need for the advancement of the strategies that manage these modernizations. Adaptation to advancement is essential for the success of these organizations and using the proper methods to accomplish this essential adaptation is paramount.

Organizational Transformation and Managing Innovation in the Fourth Industrial Revolution provides innovative insights into the management of advancements and the implementation of strategies to accommodate these changes. The content within this publication examines social engagement, cyber-journalism, and educational innovation. It is designed for managers, consultants, academicians, researchers, and professionals, and covers topics centered on the growth of businesses and how they change alongside the economy and infrastructure.

Concurrent Resolution on the Budget for Fiscal Year 2002 United States. Congress. Senate. Committee on the Budget 2002

Analytical Methods for Studies and Experiments on "Transforming the Force" Paul K. Davis 1999 This documented briefing describes interim progress on a project concerned with "transforming U.S. forces" to reflect what is often called the revolution in military affairs. After background review describing a broad transformation strategy, we discuss and illustrate how analysis supported by models and simulations (including gaming) can supplement and guide empirical work such as joint experiments on new operational concepts.

Scientific and Technical Aerospace Reports 1990-08

Homeland Security : management challenges remain in transforming immigration programs : report to Congressional committees

Marine Design XIII Pentti Kujala 2018-06-11 Marine Design XIII collects the contributions to the 13th International Marine Design Conference (IMDC 2018, Espoo, Finland, 10-14 June 2018). The aim of this IMDC series of conferences is to promote all aspects of marine design as an engineering discipline. The focus is on key design challenges and opportunities in the area of current maritime technologies and markets, with special emphasis on: • Challenges in merging ship design and marine applications of experience-based industrial design • Digitalisation as technological enabler for stronger link between efficient design, operations and maintenance in future • Emerging technologies and their impact on future designs • Cruise ship and icebreaker designs including fleet compositions to meet new market demands To reflect on the conference focus, Marine Design XIII covers the following research topic series: •State of art ship design principles - education, design methodology, structural design, hydrodynamic design; •Cutting edge ship designs and operations - ship concept design, risk and safety, arctic design, autonomous ships; •Energy efficiency and propulsions - energy efficiency, hull form design, propulsion equipment design; •Wider marine designs and practices - navy ships, offshore and wind farms and production. Marine Design XIII contains 2 state-of-the-art reports on design methodologies and cruise ships design, and 4 keynote papers on new directions for vessel design practices and tools, digital maritime traffic, naval ship designs, and new tanker design for arctic. Marine Design XIII will be of interest to academics and professionals in maritime technologies and marine design.

Emerging Challenges, Solutions, and Best Practices for Digital Enterprise Transformation Sandhu, Kamaljeet 2021-06-18 As organizations continue to move towards digital enterprise, the need for

digital transformation continues to grow especially due to the COVID-19 pandemic. These impacts will last far into the future, as newer digital technologies continue to be accepted, used, and developed. These digital tools will forever change the face of business and management. However, on the road to digital enterprise transformation there are many successes, difficulties, challenges, and failures. Finding solutions for these issues through strategic thinking and identification of the core issues facing the enterprise is of primary concern. This means modernizing management and strategies around the digital workforce and understanding digital business at various levels. These key areas of digitalization and global challenges, such as those during or derived from the pandemic, are new and unique; They require new knowledge gained from a deep understanding of complex issues that have been examined and the solutions being discovered. Emerging Challenges, Solutions, and Best Practices for Digital Enterprise Transformation explores the key challenges being faced as businesses undergo digital transformation. It provides both solutions and best practices for not only handling and solving these key issues, but for becoming successful in digital enterprise. This includes topics such as security and privacy in technologies, data management, information and communication technologies, and digital marketing, branding, and commerce. This book is ideal for managers, business professionals, government, researchers, students, practitioners, stakeholders, academicians, and anyone else looking to learn about new developments in digital enterprise transformation of business systems from a global perspective.

Interior, Environment, and Related Agencies Appropriations for 2008 United States. Congress. House. Committee on Appropriations. Subcommittee on Interior, Environment, and Related Agencies 2007

Military Transformation United States. General Accounting Office 2001
Technology Enabled Transformation of the Public Sector: Advances in E-Government Weerakkody, Vishanth 2012-06-30 Electronic Government is continually advancing in topics such as hardware and software technology, e-government adoption and diffusion, e-government policy, e-government planning, management, e-government applications, and e-government impacts. Technology Enabled Transformation of the Public Sector: Advances in E-Government is filled with original research about electronic government and supplies academicians, practitioners, and professionals with quality applied research results in the field of electronic/digital government, its applications, and impacts on governmental organizations around the world. This title effectively and positively provides organizational and managerial directions with greater use and management of electronic/digital government technologies in organizations. It also epitomizes the research available within e-government while exponentially emphasizing the expansiveness of this field.

Six Sigma in HR Transformation Mircea Albeanu 2017-05-15 In the business world, especially in manufacturing or quality management, the term Six Sigma usually refers to a set of tools and methodologies developed by Motorola to improve processes by eliminating defects. So why should the HR professional care what Six Sigma is or how it can be applied in the HR function? According to the specialists at Orion Partners, there are ten key reasons: * to create excellence in process delivery; * to reduce defects; * to increase efficiency; * to create a quality focused mindset; * to benefit from best practice; * to bring clarity to the processes of HR; * to use a structured scientific approach; * to speak the same language and improve communication; * to gain control over your processes; * and to strengthen your business case. Mircea Albeanu and Ian Hunter explain some of the basic concepts to show how applying Six Sigma tools and methodologies can be used to manage the practical challenges of improving HR operations to meet your organization's expectations at a lower cost and with greater efficiency. To help illustrate some of the key messages examples are drawn from Orion Partners' work using Six Sigma tools with international organizations over the last seven years. This concise guide is ideal for project and programme managers involved in business transformation, and for HR managers as well as Six Sigma specialists seeking to understand its applications within human resources. About The Gower HR Transformation Series: The Human Resources function faces a continuing challenge to its role and purpose, in many organizations it has suffered from serious under-representation at strategic, board level. Yet, faced with the challenges of globalism, the need to innovate, manage knowledge, attract and retain the very best employees, organizations need an HR function that can lead from the front. The process of transforming the function is complex and rarely linear. It includes the practical challenges of improving HR operations to meet customer expectations at lower cost and with greater efficiency. The Gower HR Transformation Series will help; it uses a blend of conceptual frameworks, practical advice and global case study examples to cover each of the main elements of the HR transformation process. The books in the series follow a standard format to make them easy to read and reference. Together, the titles create a definitive guide from one of the leading specialist HR transformation consultancies; an organization that has been involved in HR transformation for clients as diverse as Bombardier Transportation, Marks & Spencer, Barnardo's, Oxfam, Schroders, UnitedHealth Group, Nestlé, BP, HM Prison Service, Transport for London and Vodafone.

Researching Operations Management Christer Karlsson 2010-03-17 Researching Operations Management fills the growing need for a comprehensive textbook and reference on doing quality research in the field of Operations Management (OM). It addresses the particular problem—especially for advanced students and beginning researchers—that many academic departments specialize in just one or a few approaches to research. As a result many students and researchers are not exposed to the breadth of possible research approaches in OM. Providing a concise overview of each of the most important research approaches in the field, the book enables researchers and students to understand and practice these methods, thus giving them a platform for choosing appropriate and complementary approaches to their research. With contributions from an international group of leading thinkers in the OM research field, the book covers those methods frequently used in studies of OM as well as adjacent applied management areas such as management of innovation and R&D, logistics, and supply chain management.

Included are chapters on surveys, case studies, action research, longitudinal field studies, and models and simulations together with chapters on planning, positioning, assessing, and publishing research. In addition, the contributors also consider ethical and cultural issues in researching operations management.

Transportation Research Record 2002

Global Business and Management Research: An International Journal Vol.2 No.1 Mehran Nejati 2010-06-10 The Journal of Global Business and Management Research (GBMR) is a quarterly peer-reviewed journal which strives to comply with highest research standards and scientific/research/practice journals' qualities. Being international and inter-disciplinary in scope, GBMR seeks to provide a platform for debate among diverse academic and practitioner communities who address a broad area of business and management issues across the globe. It is currently indexed in a number of prestigious databases including Gale and Ebsco.

Managing Defense Transformation Asst Prof Adam N Stulberg 2013-03-28 Why are some military organizations more adept than others at reinventing themselves? Why do some efforts succeed rapidly while others only gather momentum over time or become sidetracked or even subverted? This book explicates the conditions under which military organizations have both succeeded and failed at institutionalizing new ideas and forms of warfare. Through comparative analysis of some classic cases - US naval aviation during the interwar period; German and British armour development during the same period; and the US Army's experience with counter-insurgency during the Vietnam War - the authors offer a novel explanation for change rooted in managerial strategies for aligning service incentives and norms. With contemporary policy makers scrambling to digest the lessons of recent wars in Kosovo, Afghanistan and Iraq, as well as to meet the unfolding challenges of the new revolution in military affairs (RMA), understanding the sources and impediments to transformation has become critical.

Department of Defense Appropriations for 2000: Secretary of Defense and Chairman, Joint Chiefs of Staff United States. Congress. House. Committee on Appropriations. Subcommittee on Department of Defense 2003

The Transformation of Italian Armed Forces in Comparative Perspective Fabrizio Coticchia 2016-03-09 European armed forces have undergone deep changes in the past two decades. Given the breadth of the debate and the size of transformations that took place, it is somewhat surprising that relatively few academic studies have directly dealt with changes in force structure of European militaries, and the Italian armed forces in particular. The focus of this book is the organizational dimension of the restructuring of armed forces through 3 different lenses: doctrine and strategic framework, budget and resource allocation, and force structure and deployment. The key issues addressed relate to how these factors interact in shaping transformation. Of particular interest is the theme of learning, which is how armed forces endogenize change in the short and long run. This study provides valuable insights into the extent to which armed forces manage to adapt to the emerging strategic and operational challenges they have to face and to illustrate the weight of institutional legacies, resource constraints and inter-organizational learning in shaping transformation. Focusing on the Italian case in comparative perspective and based on a large variety of military operations from airstrikes to peacekeeping and counterinsurgency, the book provides an innovative viewpoint on military transformation and significantly contributes to our understanding of contemporary security that is deeply shaped by the lessons learnt in Afghanistan, Lebanon, Iraq and Libya.

Research Methods for Operations Management Christer Karlsson 2016-05-31 Research Methods for Operations Management, second edition is a toolkit of research approaches primarily for advanced students and beginner researchers but also a reference book for any researcher in OM. Many students begin their career in research limited by the one or few approaches taken by their department. The concise, accessible overviews found here equip them with an understanding of a variety of methods and how to use them, enabling them to tailor their research project to their own strengths and goals. The more seasoned researcher will find comprehensive descriptions and analyses on a wide variety of research approaches. This updated and enhanced edition responds to the latest developments in OM, including the growing prominence of services and production of intangible products, and the increasing use of secondary data and of mixed approaches. Alternative research approaches are included and explored to help with the early planning of research. This edition also includes expanded literature review and analysis to guide students towards the next steps in their reading, and more detailed step-by-step advice to tie theory with the researcher's own practice. Including contributions from an impressive range of the field's leading thinkers in OM research, this is a guide that no-one embarking on an OM research project should be without.

Field Artillery 2005-07

From transformation to combat: The First Stryker Brigade at War 2007

Energy Research Abstracts 1992

Handbook of Global Supply Chain Management John T. Mentzer 2006-09-14 This state-of-the-art Handbook provides a comprehensive understanding and assessment of the field of global supply chain management (GSCM). Editors John T. Mentzer, Matthew B. Myers, and Theodore P. Stank bring together a distinguished group of contributors to describe and critically examine the key perspectives guiding GSCM, taking stock of what we know (and do not know) about them. *Artificial Intelligence XXXIV* Max Bramer 2017-12-01 This book constitutes the proceedings of the 37th SGAI International Conference on Innovative Techniques and Applications of Artificial Intelligence, AI 2017, held in Cambridge, UK, in December 2017. The 25 full papers and 12 short papers presented in this volume were carefully reviewed and selected from 55 submissions. There are technical and application papers which were organized in topical sections named: machine learning and neural networks; machine learning, speech and vision and fuzzy logic; short technical papers; AI for healthcare; applications of machine learning; applications of neural networks and fuzzy logic; case-based reasoning; AI techniques; and short applications papers.