

MANAGING BUSINESS PROCESS FLOWS

PRINCIPLES OF OPERATIONS MANAGEMENT

THIRD EDITION

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Managing Business Process Flows 3rd Edition

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Managing Business Process Flows 3rd Edition:

Managing Business Process Flows Ravi Anupindi, Sunil Chopra, 1999 **Managing Business Process Flows** Ravi Anupindi, 2006 This unique and comprehensive book presents a unifying paradigm for understanding operations based in the belief that a large part of operations management is the design and management of business processes The overall objective of the book is to demonstrate how managers can control process structure and process drivers to achieve desired business process performance This framework is applied to understand which levels managers have to control cycle time capacity inventory and quality Providing a conceptual and logically rigorous approach **Managing Business Process Flows** discusses the subject in three steps model and understand the process and its flows study causal relationships between process structure and certain performance metrics and formulate implications for managerial actions by filtering out managerial levers process drivers and their impact on process performance The book also identifies managerial levers and establishes a connection between operational and financial measurements An essential resource for all management professionals especially Management Consultants specializing in operations and supply chains Managers and VPs overseeing supply chains and Plant Managers *Managing Business Process Flows* Ravi Anupindi, Sunil Chopra, Sudhakar D. Deshmukh, Jan A. Van Mieghem, Eitan Zemel, 2013-07-30 For graduate level courses in Operations Management or Business Processes A structured data driven approach to understanding core operations management concepts Anupindi shows how managers can design and manage process structure and process drivers to improve the performance of any business process The third edition retains the general process view paradigm while providing a sharper more streamlined presentation of the development of ideas in each chapter all of which are illustrated with contemporary examples from practice **Managing Business Process Flows** Ravi Anupindi, Sunil Chopra, Sudhakar D. Deshmukh, Jan A. Van Mieghem, Eitan Zemel, 2013-08-28 For graduate level courses in Operations Management or Business Processes A structured data driven approach to understanding core operations management concepts Anupindi shows how managers can design and manage process structure and process drivers to improve the performance of any business process The third edition retains the general process view paradigm while providing a sharper more streamlined presentation of the development of ideas in each chapter all of which are illustrated with contemporary examples from practice **Managing Business Process Flows** Prentice Hall PTR, 1999-01 *Managing Business Process Flow* Ravi Anupindi, 1998-10 *Managing Business Process Flows* Ravi Anupindi, 1999 **Managing Business Process Flows** is a concise textbook for MBA level operations management courses It provides a process flows approach to studying some of the core concepts in operations with three steps 1 Model and understand the process and its flows 2 Study causal relationships between process structure and certain performance metrics 3 Formulate implications for managerial actions by filtering out managerial levers process drivers MBPF shows how managers can control process structure and process drivers to achieve desired business process performance This book is the result of the combined

insight and experience of five operations management professors at the Kellogg Graduate School of Management Northwestern University An educational version of Process Model is included with this textbook

Logistics Systems: Design and Optimization Andre Langevin,Diane Riopel,2005-03-25 In a context of global competition the optimization of logistics systems is inescapable Logistics Systems Design and Optimization falls within this perspective and presents twelve chapters that well illustrate the variety and the complexity of logistics activities Each chapter is written by recognized researchers who have been commissioned to survey a specific topic or emerging area of logistics The first chapter by Riopel Langevin and Campbell develops a framework for the entire book It classifies logistics decisions and highlights the relevant linkages to logistics decisions The intricacy of these linkages demonstrates how thoroughly the decisions are interrelated and underscores the complexity of managing logistics activities Each of the chapters focus on quantitative methods for the design and optimization of logistics systems

Designing Service Processes to Unlock Value, Third Edition Joy M. Field,2020-12-16 Designing Service Processes to Unlock Value explores how service processes can be designed to leverage the expanding range of opportunities for service providers and customers to co create value The service process design landscape is changing with many of the previous limitations disappearing on how and by whom services are delivered Opportunities for new service design configurations are being supported to a large extent by technology enabled innovations many tasks previously performed by the service provider may now be performed by either the customer or the service provider As a result customers are playing a more active role in the service process not only through self service but also by providing information to the service provider to create a more personalized service experience Designing Service Processes to Unlock Value explores how service processes can be designed to leverage the expanding range of opportunities for service providers and customers to co create value Readers will learn about frameworks for value co creation and models for designing all types of service processes as well as the unique challenges of designing knowledge intensive services And with the growing number of alternatives for designing service processes and determining who performs the various service tasks service performance outcomes are increasingly dependent on the knowledge skills and abilities that is capabilities of both service providers and customers Thus the book concludes with approaches to unlock these capabilities and further boost value co creation

Computing Handbook, Third Edition Heikki Topi,Allen Tucker,2014-05-14 Computing Handbook Third Edition Information Systems and Information Technology demonstrates the richness and breadth of the IS and IT disciplines The second volume of this popular handbook explores their close links to the practice of using managing and developing IT based solutions to advance the goals of modern organizational environments Established leading experts and influential young researchers present introductions to the current status and future directions of research and give in depth perspectives on the contributions of academic research to the practice of IS and IT development use and management Like the first volume this second volume describes what occurs in research laboratories educational institutions and public and

private organizations to advance the effective development and use of computers and computing in today's world. Research level survey articles provide deep insights into the computing discipline enabling readers to understand the principles and practices that drive computing education research and development in the twenty first century. **EBOOK: Operations and Supply Chain Management, Global edition** F. Robert Jacobs, Richard Chase, 2013-06-16. Resourceful companies today must successfully manage the entire supply flow from the sources of the firm through the value added processes of the firm and on to the customers of the firm. The fourteenth Global Edition of Operations and Supply Chain Management provides well balanced coverage of managing people and applying sophisticated technology to operations and supply chain management.

Business Process Analytics Manuel Laguna, Johan Marklund, 2025-01-31. The fourth edition of this widely used textbook offers a new perspective. Previously titled Business Process Modeling Simulation and Design, as the new title suggests, this book is about analytical business process modeling and design. However, this new edition introduces analytics to the title and to the presentation. The main objective of this book is to provide students with a comprehensive understanding of the multitude of analytical tools that can be used to model, analyze, understand, and ultimately design business processes. The most flexible and powerful of these tools, although not always the most appropriate, is discrete event simulation. The wide range of approaches covered in this book include graphical flowcharting tools, deterministic models for cycle time analysis and capacity decisions, and analytical queuing methods, as well as machine learning. The authors focus on business processes as opposed to just manufacturing processes or general operations management problems and emphasize on simulation modeling using state of the art commercial simulation software. Business Process Analytics Modeling Simulation and Design can be thought of as a hybrid between traditional books on process management, operations management, and simulation. The growing interest in simulation based tools suggests that an understanding of simulation modeling, its potential, as well as its limitations for analyzing and designing processes, is of key importance to students looking for a future career in operations management. Changes from the previous edition include the following: New section on data driven process improvement with data visualization. Added a subsection of control charts to the 6 sigma section. Replaced business process reengineering with business process management. Updated all text, figures, examples, and exercises to ExtendSim10 current version. More coverage on design of experiments. More coverage of machine learning and neural networks. *Business Process Modeling, Simulation and Design* Manuel Laguna, Johan Marklund, 2018-12-07. Business Process Modeling Simulation and Design Third Edition provides students with a comprehensive coverage of a range of analytical tools used to model, analyze, understand, and ultimately design business processes. The new edition of this very successful textbook includes a wide range of approaches such as graphical flowcharting tools, cycle time and capacity analyses, queuing models, discrete event simulation, simulation optimization, and data mining for process analytics. While most textbooks on business process management either focus on the intricacies of computer simulation or managerial aspects of business processes, this textbook does both. It presents the

tools to design business processes and management techniques on operating them efficiently The book focuses on the use of discrete event simulation as the main tool for analyzing modeling and designing effective business processes The integration of graphic user friendly simulation software enables a systematic approach to create optimal designs **Production and Operations Analysis** Steven Nahmias,Tava Lennon Olsen,2015-01-15 The Seventh Edition of Production and Operations Analysis builds a solid foundation for beginning students of production and operations management Continuing a long tradition of excellence Nahmias and Olsen bring decades of combined experience to craft the most clear and up to date resource available The authors thorough updates include incorporation of current technology that improves the effectiveness of production processes additional qualitative sections and new material on service operations management and servicization Bolstered by copious examples and problems each chapter stands alone allowing instructors to tailor the material to their specific needs The text is essential reading for learning how to better analyze and improve on all facets of operations

Production and Operations Analytics Steven Nahmias,Tava Lennon Olsen,2020-10-01 Nahmias and Olsen skillfully blend comprehensive coverage of topics with careful integration of mathematics The authors decades of experience in the field contributed to the success of previous editions the eighth edition continues the long tradition of excellence Clearly written reasonably priced with an abundance of expertly formulated practice problems and updated examples this textbook is essential reading for analyzing and improving all facets of operations Some of the material in the newest edition has been reorganized For example the first chapter introduces service strategy the product process matrix and flexible manufacturing systems benchmarking the productivity frontier the innovation curve and lean production as a strategy The focus is slightly more international The analysis of capacity growth planning now appears in the chapter on supply chain analytics Aggregate planning details were added to chapter 3 including chase and level strategies in an appendix to the chapter There is an expanded discussion on risk pooling in the chapter on supply chain strategy The mechanics behind lean production are included in the chapter on push and pull production systems The chapter on quality and assurance downplays sampling in favor of discussions of quality management process capability and the waste elimination side of lean The separate chapter on facilities layout and location was eliminated and the information redistributed throughout the text The authors reinforce the learning process through key points at the beginning of each chapter to guide the reader snapshots that provide useful examples of applications to businesses and historical notes that provide a context for the topics discussed Production and Operations Analytics 8 e provides the tools for adapting to the dynamic global marketplace **Wiley CIAexcel Exam**

Review 2014 S. Rao Vallabhaneni,2014-05-08 The definitive Certified Internal Auditor Exam preparation guide Designed to help you rigorously and thoroughly prepare for the Certified Internal Auditor CIA Exam Wiley CIA Exam Review 2014 Part 3 Internal Audit Knowledge Elements covers the key topics on Part III of the exam These include business processes financial accounting and finance managerial accounting regulatory legal and economics and information technology Features a full

exploration of theory and concepts Prepares students to properly understand the weight given to topics on the exam and react accordingly Includes indications of the level of difficulty for each topic in order to properly manage study time and focus areas Offers comprehensive coverage of exam material along with a glossary of applicable terminology Expert author S Rao Vallabhaneni puts his twenty five years of internal auditing and accounting management experience to work to bring you the definitive resource to help you prepare for the CIA Exam

Designing Service Processes to Unlock Value Joy M. Field,2024-10-21 The service process design landscape is rapidly evolving with technology enabled innovations allowing the service provider to create a more personalized service experience and customers to take a more active role in the service process Designing Service Processes to Unlock Value was written to help you understand the opportunities and challenges for value creation in this dynamic environment You will learn about approaches for designing all types of service processes as well as the unique challenges of designing knowledge intensive services And because service performance outcomes are dependent on the knowledge skills and abilities that is capabilities of both service providers and customers the book concludes with strategies for unlocking these capabilities to further boost value co creation This edition was being revised when artificial intelligence AI and generative AI e g ChatGPT was being embedded in more and more service processes ranging from knowledge intensive professional services to transactional services we engage with every day Much like the COVID 19 global pandemic AI and other developing technologies such as robots extended reality digital twins Internet of Things and other smart technologies will continue to have profound impacts on how services are designed delivered and experienced by service providers and customers as well as the communities and world in which we live This edition includes new and updated examples of technology enabled innovations that provide unprecedented flexibility in service process design and continue to transform how service providers and customers co produce services At the same time you will see how these and other service innovations can have important and sometimes surprising impacts on the benefit and cost trade offs and synergies that determine value co creation

Remanufacturing Initiation for Original Equipment Manufacturers Johan Vogt Duberg,2024-04-29 Remanufacturing is an industrial process in which a core a used discarded or broken product is transformed into a product with a like new specification and condition However to this date remanufacturing activities on the market are few compared to manufacturing There are several types of remanufacturers the least common type is the original equipment remanufacturer an original equipment manufacturer that not only manufactures new products but also remanufactures cores of its own products Remanufacturing is potentially becoming a more widely used industrial process for original equipment manufacturers and increased remanufacturing activities can positively contribute to the environment The contribution comes from a reduction of raw material and energy consumption compared to manufacturing Therefore remanufacturing has the potential to decouple environmental impact from economic growth thus contributing to more sustainable societies However assessing the benefits of remanufacturing does not directly correlate to

growth within the remanufacturing industry To encapsulate the environmental social and economic benefits of remanufacturing manufacturers need to be aware of how remanufacturing can be initiated and implemented in practice Therefore the objective of this dissertation is to develop support measures for original equipment manufacturers to initiate profitable remanufacturing This research takes a stand in case study and transdisciplinary research where the initiation of profitable remanufacturing is studied at two original equipment manufacturers The research study developed knowledge of how remanufacturing could be incorporated into existing operations at original equipment manufacturers In parallel financial assessments based on cost benefit analysis were built to measure how well the case companies could perform remanufacturing For the case study research seven remanufacturing scenarios were developed ranging from centralised remanufacturing performed by the original equipment manufacturer to decentralised performed at multiple locations using a retail network Which scenario is preferable depends on for example risk consciousness cooperation between actors and volume targets However given ideal circumstances remanufacturing in house in a centralised scenario was shown to be the most beneficial for the investigated original equipment manufacturer since the fewer middle hands and economies of scale also potentially enable lower costs For the transdisciplinary research the remanufacturing initiation was business model centric meaning that the remanufacturing system was a consequence of a decision for a specific business model Here a scenario based analysis was developed to understand under which circumstances the business model with remanufacturing was more lucrative for the provider the original equipment manufacturer and less costly for the users the customers For this a systematic assessment approach was developed consisting of three steps 1 provide a cost overview for each business model 2 create scenarios by modifying the cost drivers and 3 combine scenarios to reach synergetic effects Based on the case study two sets of four prerequisites for initiating remanufacturing were derived These are divided into essential and supporting prerequisites and illustrated through a framework called the Remanufacturing Rocket The essential prerequisites highlight fundamental requirements to perform remanufacturing Should one of these four factors be missing remanufacturing cannot be successfully initiated The supporting prerequisites are valuable to enhance the effectiveness and efficiency of the process such as through streamlined operations organisational change or information exchange Hence to reach the fullest potential of remanufacturing both the essential and the supporting prerequisites are needed Furthermore the area of financial assessments was explored in a systematic literature review to identify insights for developing such assessments tailored for individual original equipment manufacturers in initiating remanufacturing For this six perspectives for framing financial assessments are proposed These cover the system boundaries for the assessments as well as the individual needs and visions of original equipment manufacturers Additionally a framework was developed to select financial assessment models for remanufacturing initiations based on ease of use and capability to handle complex datasets Conclusively it is proposed to apply the prerequisites for initiating remanufacturing together with a financial assessment in an iterative manner to

investigate the profitability for original equipment manufacturers to initiate remanufacturing. The essential prerequisites influence the first iteration of the financial assessment which then contributes to refinements of how the essential prerequisites should be aligned in an economically preferable way. Once satisfactory, another iterative process could be initiated between the supporting prerequisites and the financial assessment. By using the proposed approach, the prospects of profitable remanufacturing could be thoroughly investigated before attempting to initiate a process in practice, thus reducing the number of resources spent in vain. Additionally, the iterative process was integrated into a 5-step Approach For Initiating Remanufacturing (5AFIR) to guide original equipment manufacturers towards initiating profitable remanufacturing.

Refabrikation oder Wiederaufbereitung (engl. Remanufacturing) ist ein industrieller Prozess, bei dem ein Altteil ein gebrauchtes, ausrangiertes, verschlissenes oder defektes Produkt gemäß den Herstellerspezifikationen in einen neuwertigen Zustand gebracht wird. Heutzutage macht Refabrikation allerdings nur einen kleinen Teil der Fertigungsindustrie aus. Verschiedene Arten von Unternehmen betreiben Refabrikation, wobei Originalgeräteehersteller sogenannte OEMs (engl. für Original Equipment Manufacturer) am seltensten sind. Solche OEMs betreiben neben Produktion auch eine Wiederaufbereitung ihrer eigenen Produkte. Refabrikation kann sowohl ökologische als auch ökonomische Vorteile bringen und hat somit grundsätzlich ein hohes Marktpotential. Der geringere Rohstoff- und Energieverbrauch von Refabrikation im Vergleich zu Neuproduktion ist ein Beispiel für ökologischen Vorteil. Refabrikation ermöglicht außerdem negative Umweltauswirkungen durch Produktion und Wirtschaftswachstum voneinander unabhängig zu machen und trägt somit zu nachhaltigem Wachstum bei. Allerdings hängt der Nutzen von Refabrikation nicht direkt mit dem Wachstum innerhalb der Refabrikationsbranche zusammen. Um die ökologischen, sozialen und ökonomischen Vorteile nutzen zu können, müssen Hersteller Kompetenz zur praktischen Umsetzung von Refabrikation aufbauen. Ziel dieser Dissertation ist daher die Entwicklung von Unterstützungsmassnahmen und Konzepten für OEMs, die zu profitabler Refabrikation führen. Diese Arbeit basiert auf einer Fallstudie und auf transdisziplinärer Forschung, bei der die Einführung von profitabler Refabrikation bei zwei OEMs untersucht wurde. Die Fallstudie lieferte Erkenntnisse darüber, wie Refabrikation in bestehende Abläufe bei OEMs integriert werden kann. Außerdem wurden finanzielle Bewertungskriterien auf der Grundlage einer Kosten-Nutzen-Analyse erstellt, um messen zu können, wie erfolgreich die untersuchten Unternehmen Refabrikation implementieren könnten. Für die Fallstudie wurden sieben Refabrikationsszenarien entwickelt, die von zentraler Refabrikation durch das OEM bis zu dezentraler Refabrikation an mehreren Standorten durch ein Netzwerk von Niederlassungen reichen. Welches der Szenarien vorzuziehen ist, hängt beispielsweise vom Risikobewusstsein der Zusammenarbeit der Akteure und den angestrebten Stückzahlen ab. Unter idealen Umständen erwies sich die unternehmensinterne Refabrikation mit zentralisierter Struktur als das vorteilhafteste Szenario. Für die untersuchten OEMs führten weniger Zwischenhändler und Grenvorteile zu geringeren Kosten. In der transdisziplinären Forschung dieser Dissertation wurde davon ausgegangen, dass das Refabrikationssystem aus der Entscheidung für ein bestimmtes Geschäft

ftsmodell fölgt Basierend auf verschiedenen Szenarien wurde analysiert under welchen Umst nden das Gesch ftsmodell inklusive Refabrikation f r den Anbieter OEM lukrativer und f r die Anwender Kunden kosteng nstiger var Hierzu wurde ein systematisches Bewertungsschema entwickelt das aus drei Schritten besteht 1 Bereitstellung einer Kosten bersicht f r jedes Gesch ftsmodell 2 Erstellung von Szenarien durch Modifikation der Kostentreiber und 3 Kombination von Szenarien um Synergieeffekte zu erzielen Anforderungen f r die Einf hrung von Refabrikation wurden auf Basis der Fallstudie abgeleitet Diese sind in vier essentielle und vier underst tztende Anforderungen eingeteilt und werden durch ein Modell namens Refabrikationsrakete veranschaulicht Die essentiellen Anforderungen sind grundlegend f r die Durchf hrung von Refabrikation Ist eine dieser vier Anforderungen nicht erf llt kann Refabrikation nicht erfolgreich umgesetzt werden Die underst tztenden Anforderungen steigern die Effektivit t und Effizienz des Einf hrungsprozesses beispielsweise durch optimierte Abl ufe organisatorische nderungen oder Informationsaustausch Um das volle Potenzial von Refabrikation auszusch pfen m ssen sowohl die essentiellen als auch die underst tztenden Anforderungen erf llt werden Wirtschaftliche Bewertungskriterien wurden im Rahmen einer systematischen Literaturrecherche betrachtet Ziel der Recherche var es Erkenntnisse f r die Entwicklung solcher Bewertungskriterien zu erlangen Die Kriterien sollen dabei auf einzelne OEMs und die Einf hrung von Refabrikation zugeschnitten sein In dieser Arbeit werden sechs Ans tze f r die Entwicklung wirtschaftlicher Bewertungskriterien vorgeschlagen Diese Ans tze behandeln sowohl Systemgrenzen f r die Bewertungskriterien als auch individuelle Bed rfnisse und Ziele der OEM Dar ber hinaus wurde ein Rahmenwerk entwickelt um wirtschaftliche Bewertungskriterien auf Basis ihrer Benutzerfreundlichkeit und ihrer F higkeit zur Bew ltigung komplexer Datenmengen auszuw hlen Abschlie end wird vorgeschlagen die Anforderungen f r die Einf hrung von Refabrikation zusammen mit einer wirtschaftlichen Bewertung iterativ zu pr fen um die Rentabilit t von Refabrikation f r OEMs zu analysieren Die essentiellen Anforderungen beeinflussen die erste Iterationsschleife der wirtschaftlichen Bewertung In dieser ersten Schleife wird verfeinert wie die Grundanforderungen wirtschaftlich sinnvoll kombiniert werden k nnen Es folgt eine zweite Iterationsschleife zwischen den underst tztenden Anforderungen und der finanziellen Bewertung Mit diesem Vorgehen kann das Potential einer rentablen Refabrikation gr ndlich untersucht werden bevor mit der Realisierung begonnen wird Dadurch k nnen eventuell erfolglose Einf hrungsversuche vermieden und vergeblich aufgewendete Ressourcen reduziert werden Der iterative Prozess wurde in einen 5 stufigen Modell zur Einf hrung von Refabrikation 5AFIR zusammengefasst

tertillverkning r en industriell process d r en stomme en anv nd uttj nt eller trasig produkt omformas till en produkt vars specifikation och kvalitet motsvarar nyskick Idag utg r tertillverkning endast en liten del av den totala tillverkningsindustrin Det finns flera typer av tertillverkare den ovanligaste r originaltillverkande tertillverkare det vill s ga ett tillverkande f retag som ven tertillverkar sina egna produkter Genom den l ga grad av tertillverkning bland originaltillverkare idag finns det utrymme f r att verka f r en kning En s dan kning kan bidra till milj m ssiga f rdelar genom

att mängden material och energi reduceras jämfört med nytillverkning. Det finns därför en möjlighet för tillverkning att bidra till en frikoppling av miljöns påverkan från ekonomisk tillväxt vilket i sin tur bidrar till ett mer hållbart samhälle. Fast att endast värdera nyttan av tillverkning leder inte direkt till en tillväxt inom tillverkningsindustrin. För att omfamna de miljö- och ekonomiska nyttor som tillverkning kan bidra med måste originaltillverkare vara medvetna om hur tillverkning kan initieras och implementeras i praktiken på ett ekonomiskt lönsamt sätt. Denna doktorsavhandlings syfte är därför att utveckla stöd för originaltillverkare att initiera lönsam tillverkning. Forskningen utgår från en fallstudie och transdisciplinär forskningsmetodik där initieringen av lönsam tillverkning studeras vid två originaltillverkare. Den utförda forskningen utvecklade kunskap om hur tillverkning kan integreras i en originaltillverkares befintliga verksamhet. Parallellt med detta utvecklades ekonomiska utvärderingsmetoder för att tillhandahålla ett mötte på hur väl fallfretagen skulle kunna utföra tillverkning. För fallstudien utvecklades det sju tillverkningsscenarion som sträcker sig från centraliserad tillverkning som utförs av originaltillverkaren till decentraliserad som utförs vid flertalet platser inom ett territorium. Vilket scenario som var mest fördelaktigt berodde exempelvis på riskmedvetenhet, samarbete mellan aktörer och tillverkningsvolym. Men givet ideala förhållanden visades det att centraliserad tillverkning vore potentiellt mest fördelaktigt för fallfretaget eftersom förre mellanhanden och stordriftsfördelar möjliggör lägre kostnader. För det andra fallfretagets initieringen av tillverkning vid tillämpning av den transdisciplinära forskningsmetodiken var det ett affärsmodellsfokus vilket innebär att tillverkningsystemet var en konsekvens av ett beslut för en viss affärsmodell. I denna del av forskningen utvecklades en scenariobaserad analysmetod för att förstå under vilka förhållanden som affärsmodellen tillsammans med tillverkning vore mer lukrativ för företaget, originaltillverkaren och mindre kostsam för användaren, kunden. För detta utvecklades en systematisk ansats för ekonomiska utvärderingar bestående av tre steg: 1. tillhandahålla en kostnadsverblick för varje affärsmodell, 2. skapa scenarion genom att modifiera kostnadsdrivarna och 3. kombinera scenarion för att uppnå synergieffekter. Med utgångspunkt i fallstudien utvecklades även faktorer för att forma krav för hur originaltillverkare kan initiera tillverkning. Dessa faktorer delas upp i grundläggande och stödjande kravställningar och de bygger tillsammans upp ett ramverk benämnt tillverkningsraketen. De grundläggande kravställningarna lyfter fram elementära krav vid utifrånandet av tillverkning och om en av de fyra skulle saknas kan tillverkning inte utföras på ett framgångsrikt sätt. De stödjande kravställningarna rör avseende för att förbättra tillverknings effektiviteten genom exempelvis bekymmersfritt utifrånande av processer, organisationsförändringar eller informationsutbytet. Därigenom för att nå den fulla potentialen av tillverkning behövs både de grundläggande och de stödjande kravställningarna. Dessutom utforskades om det för ekonomiska utvärderingsmetoder i en systematisk litteraturgenomgång för att identifiera insikter för att utveckla sådana metoder skräddarsydda för individuella originaltillverkare som initierar tillverkning. För nämligen letades sex perspektiv för att forma ekonomiska utvärderingsmetoder. Dessa täcker såväl systemgränserna för utvärderingarna som individuella behov och visioner hos

originaltillverkare. För att vidare stödja företagen utvecklades ett ramverk för att välja ekonomiska utvärderingsmetoder för initieringar av tertillverkning baserat på användarvänlighet och förmåga att hantera komplexa datamängder. Slutligen föreslås det att tillämpa de framtagna kravställningarna tillsammans med ekonomisk utvärdering genom att iterativt undersöka möjligheterna för hur tertillverkning kan initieras för originaltillverkare. De grundläggande kravställningarna influerar upplägget för den första iterationen av den ekonomiska utvärderingen vilken i sin tur nyttjas för att förfinas hur de grundläggande kravställningarna kan ligga samman på ett ekonomiskt fördelaktigt sätt. När en godtagbar nivå uppnåtts kan ytterligare en iterativ process utföras mellan de stödjande kravställningarna och den ekonomiska utvärderingen. Genom att tillämpa det föreslagna tillvägagångssättet kan möjligheterna för tertillverkning undersökas på en detaljerad nivå innan initieringsförsöket i praktiken och således kan möjligheten till sådana resurser minskas. Utöver detta integrerades det iterativa tillvägagångssättet med en 5 stegsansats för initiering av tertillverkning.

5AFIR

Wiley CIAexcel Exam Review 2015, Part 3 S. Rao Vallabhaneni, 2015-01-20 Master internal audit knowledge elements for the CIA exam Wiley CIAexcel Exam Review 2015 Part 3 Internal Audit Knowledge Elements is a comprehensive yet approachable reference that prepares you for the third part of the Certified Internal Auditor CIA examination. Brimming with essential concepts and practice test questions, this test prep resource is the most comprehensive of its kind on the market. With each page, you will explore key subject areas including business processes, financial accounting, and finance, managerial accounting, regulatory, legal, and economics, and information technology. All of these subject areas are expertly tied to the topic of internal audit knowledge elements, and all ideas, both fundamental and complex, are presented in an easy-to-read yet thorough manner. Holding the designation of CIA will take your career to the next level, as passing the CIA exam speaks volumes about your professional skills and expertise. Leveraging the right study materials when preparing for the CIA exam is critical, as the topics that may be covered on the test are many in number. This resource presents these topics from a student's perspective, providing the details you need to master challenging concepts and practices. Access comprehensive preparation materials for the third part of the CIA exam. Explore essential internal audit knowledge elements, including key concepts and practices. Answer hundreds of practice test questions to gauge your progress and focus your study sessions. Improve your proficiency, understanding, and awareness of key concepts tested by the CIA examination. Wiley CIAexcel Exam Review 2015 Part 3 Internal Audit Knowledge Elements is an invaluable resource for internal auditors, chief audit executives, audit managers, and staff members who are pursuing the CIA designation.

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