

Lean Production For Competitive Advantage: A Comprehensive Guide To Lean Methodologies And Management Practices, Second Edition

"On Time-In Full" is an important work. Tim McLean provides an easy to follow practical approach to building a highly performing supply chain" -Drew Locher, Shingo Prize Winning Author and Lean Thinker The most fundamental requirement for a manufacturing or distribution business is to deliver to customers what they want, in the quantity they want, when they want it. It doesn't matter how good your product is, how much the customer likes your salesperson, how slick your marketing is, what they want when they want it, they will get it elsewhere, and your business will be in serious trouble. On Time In Full: Achieving Perfect Delivery with Lean Thinking in Purchasing, Supply Chain and Production Planning is a step-by-step practical guide to designing a Lean Supply Chain that will deliver what your customers need, when they need it, every time. Timothy McLean shares his three decades of Lean supply chain experience - in simple straightforward language, he explains how to deliver and what you can do about it. On Time In Full includes practical guidance for tackling the big issues affecting supply chains including: How to understand your extended supply chain with a value stream map The role of forecasting in your supply chain and how to get a meaningful forecast Calculating the right level of inventory for your business Scheduling daily production to meet demand Managing suppliers and your supply chain at home and internationally Selecting and designing an efficient distribution network The book is full of practical case studies and examples as well as references for further study. On Time, In Full is the complete guide to setting up a supply chain that works.

The Portal to Lean Production: Principles and Practices for Doing More With Less describes the steps, difficulties, and rewards of implementing lean production. The book moves beyond concepts to address practical matters. The authors provide enough information for you to begin implementing lean production within your organization. This book applies a model-the Portal to Lean Production-to illustrate principles and practices. The model reappears at the start of every chapter and in every chapter with those in other chapters, and with basic lean production principles. This volume contains short vignettes that appear in every chapter of actual lean production implementations. Following these real-world examples, the text provides expanded coverage of topics to enable you to learn and apply concepts and principles. The authors enable you to see the context, application, and practical issues associated with lean production concepts and methods before learning details. The authors' own experience of co-author Avi Soni, help connect the concepts and tie them to practical examples.

This book constitutes the refereed proceedings of the 13th IFIP WG 5.1 International Conference on Product Lifecycle Management, PLM 2016, held in Columbia, SC, USA, in July 2016. The 57 revised full papers presented were carefully reviewed and selected from 77 submissions. The papers are organized in the following topical sections: knowledge sharing, re-use and preservation; collaborative development architectures; interoperability and systems integration; lean product development; innovation; PLM tools: cloud computing and PLM tools; traceability and performance; building information modeling; big data analytics and business intelligence; information lifecycle management; industry 4.0: metrics, standards and regulation; and product, service and systems.

LEAN LABOR delivers practical methods to convert wasted time and expense into productive hours resulting in a highly effective workforce. In this book you will follow Graham, an operations executive at a manufacturing company, on his journey to uncover unique ways of applying Lean methodologies in managing the workforce. Filled with proven examples and case studies, LEAN LABOR will inspire new ideas and deliver a roadmap that all manufacturers can follow to improve their workforce. This book is a must read for all manufacturing executives.

A Comprehensive Guide to Lean Methodologies and Management Practices
The Portal to Lean Production
Product Lifecycle Management for Digital Transformation of Industries
Using IT for Continuous Improvement
Using IT for Continuous Improvement
A Comprehensive Guide to Lean Methodologies and Management Practices, Second Edition
The Machine That Changed the World
Lean Production Simplified, Second Edition

Lean Process Creation teaches the specific frames—the GCN model—to look through to properly design any new process while optimizing the value-creating resources. The framing is applicable to create any process that involves people, technology, or equipment—whether the application is in manufacturing, healthcare, services, retail, or other industries. If you have a process, this approach will help. The result is 30% to 50% improvement in first-time quality, customer lead time, capital efficiency, labor productivity, and floorspace that could add up to millions of dollars saved per year. More important, it will increase both employee and customer satisfaction. The book details a case study from a manufacturing standpoint, starting with a tangible example to reinforce the GCN model. This is the first book written from this viewpoint—connecting a realistic transformation with the detailed technical challenges, as well as the engagement of the stakeholders, each with their own bias. Key points and must-do actions are sprinkled throughout the case study to reinforce learning from the specific to the general. In this study, an empowered working team is charged with developing a new production line for a critical new product. As the story unfolds, they create an improved process that saves \$5.6 million (10x payback on upfront resource investment) over the short life cycle of the product, as well as other measurable benefits in quality, ergonomics, and delivery. To an even greater benefit, they establish a new way of working that can be applied to all future process creation activities. Some organizations have tried their version of Lean process design following a formula or cookie-cutter approach. But true Lean process design goes well beyond forcing concepts and slogans into every situation. It is purposeful, scientific, and adaptable because every situation starts with a unique current state. In addition, Lean process design must include both the technical and social aspects, as they are essential to sustaining and improving any system. Observing the recurring problem of reworking processes that were newly launched brought the authors to the conclusion that a practical book focused on introducing the critical frames of Lean process creation was needed. This book enables readers to consider the details within each frame that must be addressed to create a Lean process. No slogans, no absolutes. Real thinking is required. This type of thinking is best learned from an example, so the authors provide this case study to demonstrate the thinking that should be applied to any process. High volume or low, simple or complex mix, manufacturing or service/transactional—the framing and thinking works. Along with the thinking, readers are enabled to derive their own future states. This is demonstrated in the story that surrounds the case study.

Lean Production for Competitive Advantage: A Comprehensive Guide to Lean Methodologies and Management Practices, Second Edition introduces Lean philosophy and illustrates the effective application of Lean tools with real-world case studies. From fundamental concepts to integrated planning and control in pull production and the supply chain, the text provides a complete introduction to Lean production. Coverage includes small batch production, setup reduction, pull production, preventive maintenance, standard work, as well as synchronizing and scheduling Lean operations. Detailing the key principles and practices of Lean production, the text also illustrates effective implementation techniques with case studies from a range of industries. Includes questions and completed problems in each chapter. Explains how to effectively partner with suppliers and employees to achieve productivity goals Designed for students who have a basic foundation in production and operations management, the text provides a thorough understanding of the principles of Lean. It also offers practical know-how for implementing a culture of continuous improvement on the shop floor and in the office, creating a heightened sense of responsibility in all stakeholders, and enhancing productivity and efficiency to improve the bottom line. In this second edition, the author addresses management's role in Lean production. Early observers of Japanese methods focused on the shop floor to see amazing things unlike anything practiced elsewhere. And the thinking was, if the "methods" could be adopted by companies elsewhere, those companies would experience the success of the Japanese. What the early observers hadn't considered were dramatic differences in the way those companies were managed, both daily and strategically. The "management side" of Lean production is addressed in two new chapters, one devoted to daily management, the other to strategy deployment. Additionally, there is a new chapter that addresses breakthrough improvement and an approach to achieving it called Production Preparation Process. Every chapter has been revised and expanded to better tell the story of Lean production—its history, applications, practices, and methods.

Many business functions have been significantly improved through the use of a variety of quality techniques, but for the most part office and administrative functions have not kept pace. Most companies find it difficult to reduce costs in the office without noticeable sacrifices in performance. Some progressive companies are seeing improvements in their office environments through the use of Office Kaizen, which emphasizes making continuous improvements over the long haul. Office Kaizen: Transforming Office Operations Into a Strategic Competitive Advantage presents a unified, consistent approach that enables businesses to establish a strategic competitive advantage by significantly improving the efficiency, quality and productivity of their office and administrative processes. Office Kaizen is the most complete and practical guide to continuous improvement in a service environment I have seen. - Neil Novich Chairman and CEO Ryerson Tull, Inc. Finally a book that recognizes the need to get off the factory floor and improve the operations of the rest of the organization. Office Kaizen provides the foundation for continuous improvement for the entire organization. - G. Thomas Marsh President and General Manager, Astronautics Operations Lockheed Martin Space Systems Company.

The Power of Process: A Practical Publication Award Lean Production Simplified, Second Edition is a plain language guide to the lean production system written for the practitioner by a practitioner. It delivers a comprehensive insider's view of lean manufacturing. The author helps the reader to grasp the system as a whole and the factors that animate it by organizing the book around an image of a house of lean production. Highlights include: A comprehensive view of Toyota's lean manufacturing system A look at the origins and underlying principles of lean Identifying the goals of lean production Practical problem solving for lean production Activities that support involvement - Kaizen circles, suggestion systems, and problem solving This second edition has been updated with expanded information on the Lean Improvement Process; Production Physics and Little's Law - the fundamental equation for both manufacturing and service industries (cycle time = work in process/throughput); Value Stream Thinking - combining processes required to bring the product or service to the customer; Hoshin Planning - using the Planning and Execution Tree diagram and Problem Solving - including the "Five Why" method and how to use it. Lean Production Simplified, Second Edition covers each of the components of lean within the context of the entire lean production system. The author's straightforward common sense approach makes this book an easily accessible on-the-floor resource for every operator.

On Time, In Full
Lean Production for Competitive Advantage
Lean Enterprise Value
First IFIP WG 5.1 Advanced Production Management Systems Conference (APMS'2006), Wroclaw, Poland, September 18-20, 2006
Advances in Production Management Systems
The Goal
Progressive Kaizen:

All Kaizen is not one and the same. There are four distinctly different types, each with its own purpose and results. Companies that understand these differences harness Kaizen's ultimate power and influence and achieve amazing success in a global manufacturing environment. Companies must, however, restructure the major objectives of certain key players in the process and institute various management initiatives that drive Kaizen down to an individual job level. Written by recognized Lean Manufacturing professional John Davis, Progressive Kaizen: The Key to Gaining a Global Competitive Advantage explains the four distinct types of Kaizen and the particular purpose of each. Davis clearly elucidates how to exploit Kaizen events and points out why and how Kaizen should be used as a prominent strategy in implementing Lean. This includes developing a structured plan for Kaizen and giving strong consideration to the insertion of a Waste Reduction Activity Process (WRAP), which provides employee incentives for implemented improvements at an individual job level. It outlines how to conduct each type of Kaizen event, who to involve, and what the results should be. Although the benefits of Lean Manufacturing and the Toyota Production System have been documented many times, a need exists to understand how to put it all together and fully implement the process in the most effective and least disruptive manner. Progressive Kaizen spells out how to get the utmost from the process of Kaizen and make it a formidable competitive weapon.

The ability to bring new and innovative products to market rapidly is the prime critical competence for any successful consumer-driven company. All industries, especially automotive, are slashing product development lead times in the current hyper-competitive marketplace. This book is the first to thoroughly examine and analyze the truly effective product development methodology that has made Toyota the most forward-thinking company in the automotive industry. Winner of the 2007 Shingo Prize For Excellence In Manufacturing Research! In The Toyota Product Development System: Integrating People, Process, and Technology, James Morgan and Jeffrey Liker compare and contrast the world-class product development process of Toyota with that of a U.S. competitor. They use extensive examples from Toyota and the U.S. competitor to demonstrate a revolutionary value stream mapping as an extraordinarily powerful tool for continuous improvement. Through examples and case studies, this book illustrates specific techniques and proven practices for dealing with challenges associated with product development, such as synchronizing multiple disciplines, multiple function workload leveling, compound process variation, effective technology integration, and knowledge management. Readers of this book can focus on optimizing the entire product development value stream rather than focus on a specific tool or technology for local improvements.

Lean Production for Competitive AdvantageA Comprehensive Guide to Lean Methodologies and Management Practices, Second EditionProductivity Press The book provides a holistic and practical approach to lean management throughout the business value chain. The lean management framework and tools demonstrate the optimal design and use of methods, tools and principles for companies and organisations. The author describes comprehensively how lean management enables companies to concentrate on value-adding activities and processes to achieve a long-term, sustainable competitive advantage. A wealth of best practices, industry examples and case studies are used to reveal the diversity and opportunities of lean management methodologies, methods and principles. Moreover, the book shows how lean management principles are ultimately applied in industries like automotive, healthcare, education and services industries.

Machine that Changed the World
The Lean Turnaround: How Business Leaders Use Lean Principles to Create Value and Transform Their Company
A Story of Innovative Lean Process Development
A Survival Guide for Companies Facing Global Competition
The Power of Process
Lean Manufacturing

13th IFIP WG 5.1 International Conference, PLM 2016, Columbia, SC, USA, July 11-13, 2016. Revised Selected Papers

While there are a number of valuable resources that explain the Lean philosophy or focus solely on operations or manufacturing, none provide an integrated, holistic view and the "how to" needed to address today's relentless and severe pressure to gain or improve a competitive advantage. End-to-End Lean Management: A Guide to Complete Supply Chain Improvement fills an important void in the current literature. It shows how to apply Lean tools and techniques across the entire supply chain: from suppliers, through transportation, into operations, and through distribution to customers, with principles applicable to all types of organizations. Managers across all industries under constant pressure to find new sources of competitive advantage and to demonstrate performance improvements will find this book a timely and necessary resource.

Lean Thinking was launched in the fall of 1996, just in time for the recession of 1997. It told the story of how American, European, and Japanese firms applied a simple set of principles called 'lean thinking' to survive the recession of 1991 and grow steadily in sales and profits through 1996. Even though the recession of 1997 never happened, companies were starving for information on how to make themselves leaner and more efficient. Now we are dealing with the recession of 2001 and the financial meltdown of 2002. So what happened to the exemplar firms profiled in Lean Thinking? In the new fully revised edition of this bestselling book those pioneering lean thinkers are brought up to date. Authors James Womack and Daniel Jones offer new guidelines for lean thinking firms and bring their groundbreaking practices to a brand new generation of companies that are looking to stay one step ahead of the competition.

The following is a sample chapter from Lean Six Sigma, which explains how to impact your company's performance in each, by combining the strength of today's two most important initiatives- Lean Production and Six Sigma- into one integrated program. The first book to provide a step-by-step roadmap for profiting from the best elements of Lean and Six Sigma, this breakthrough volume will show you how to achieve major cost and lead time reductions this year; compress order-to-delivery cycle times; battle press variation and waste throughout your organization.

Does your company think and act ahead of technological change, ahead of the customer, and ahead of the competition? Thinking strategically requires a company to face these questions with a clear future image of itself. Implementing a Lean Management System lays out a comprehensive management system for aligning the firm's vision of the future with market realities. Based on hoshin management, the Japanese strategic planning method used by top managers for driving TQM throughout an organization, Lean Management is about deploying vision, strategy, and policy at all levels of daily activity. It is an eminently practical methodology emerging out of the implementation of continuous improvement methods and employee involvement. The key tools in the text build on the knowledge of the worker, multi-tasking, and an understanding of the role and responsibilities of the new lean manufacturer.

World Class Manufacturing

Lean Six Sigma, Chapter 4 - Creating Competitive Advantage with Lean Six Sigma

The Competitive Advantage of Quick Response Manufacturing

A Process of Ongoing Improvement

Transforming Office Operations Into a Strategic Competitive Advantage

Principles and Practices for Doing More with Less

Office Kaizen

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The Lean concepts and principles described in this book have revolutionized manufacturing practice and business conduct in a manner similar to what Henry Ford's system did for mass manufacturing. Lean production however, involves much more than the adoption of methods and procedures, it requires a change in management philosophy that emphasizes relationship building, trust, and responsibility being conferred to frontline workers and suppliers. Based on three decades of teaching experience, Lean Production for a Competitive Advantage: A Comprehensive Guide to Lean Methodologies and Management Practices introduces the Lean philosophy and illustrates the effective application of Lean tools with real-world case studies. From fundamental concepts to integrated planning and control in pull production and the supply chain, the text provides a complete introduction to Lean production. Coverage includes small batch production, setup reduction, pull production, preventive maintenance, standard operations, as well as synchronizing and scheduling lean operations. Detailing the key principles and practices of Lean production, the text also illustrates effective implementation techniques with case studies from a range of industries Includes questions and completed problems in each chapter Explains how to effectively partner with suppliers and employees to accomplish productivity goals Designed for students who have a basic foundation in production and operations management, the text provides a thorough understanding of the fundamental principles of Lean. It also offers practical know-how for implementing a culture of continuous improvement on the shop floor or in the office, creating a heightened sense of responsibility and pride in all stakeholders involved, and enhancing productivity and efficiency to improve the bottom line. Instructor's material available - please contact: orders@taylorandfrancis.com or call 1-800-634-7064 to request these materials.

As consumers, we have a greater selection of higher quality goods & services to choose from, yet our experience of obtaining & using these items is more frustrating than ever. At the same time, companies find themselves with declining customer loyalty & greater challenges in fulfilling orders. This text offers solutions to these problems.

Make Your Business a Lean Business is a written by business leaders for business leaders as a how to guide to building enduring market leadership. Based on the authors more than 60 years experience applying Lean to operations and businesses, this book will allow readers to understand Lean principles and apply practices to transform their business. Readers will be able follow a logical path aligning their business from strategy to every detailed activity and engaging their entire organization in contributing to becoming more competitive day by day. It is the only true enterprise book about applying Lean to the entire business, and it provides business leaders with the understanding, approach and tools to plan, align and transform their business starting with their core business value proposition, business planning, disciplined goal and resource alignment, implementation management

It's About Time

The Lean Strategy: Using Lean to Create Competitive Advantage, Unleash Innovation, and Deliver Sustainable Growth

Lean Management and Kaizen

Fundamentals from Cases and Examples in Operations and Supply Chain Management

Unleashing the Potential for Sustainable Competitive Advantage

To gain competitive advantage by implementing lean production in supply chain

The Toyota Product Development System

Lean manufacturing is a process used in production to maximize efficiency and minimize waste by considering sustainability and the environment. This book presents a comprehensive overview of lean manufacturing in various enterprises, including manufacturing, construction, and the fabric and textile industry, among others. Chapters cover such topics as barriers to lean manufacturing, enterprise modeling, lean practices and circular economies, and more.

The Breakthrough Program: Increasing Quality, Shortening Cycle Times, and Creating Shareholder Value In Every Area of Your Organization Time and quality are the two most important initiatives Lean Production and Six Sigma into one integrated program. The first book to provide a step-by-step roadmap for profiting from the best elements of Lean and Six Sigma, this breakthrough volume will show you how to: Achieve major cost and lead time reductions this year Compress order-to-delivery cycle times Battle process variation and waste throughout your organization Separately, Lean Production and Six Sigma have changed the face of the manufacturing business. Together, they become an unprecedented tool for improving product and process quality, production efficiency, and across-the-board profitability. Lean Six Sigma introduces you to today's most dynamic program for streamlining the performance of both your production department and your back office, and providing you with the cost reduction and quality improvements you need to stay one step ahead of your competitors. Lean Six Sigma shows how Lean and Six Sigma methods complement and reinforce each other. It also provides a detailed roadmap of implementation so you can start seeing significant returns in less than a year. -From the Preface Businesses fundamentally exist to provide returns to their stakeholders. Lean Six Sigma outlines a program for combining the synergies of these two initiatives to provide your organization with greater speed, less process variation, and more bottom-line impact than ever before. A hands-on guidebook for integrating the production efficiencies of the Lean Enterprise with the cost and quality tools of Six Sigma, this breakthrough book features detailed insights on: The Lean Six Sigma Value PropositionHow combining Lean and Six Sigma provides unmatched potential for improving shareholder value The Lean Six Sigma Implementation ProcessHow to prepare your organization for a seamless incorporation of Lean Six Sigma tools and techniques Leveraging Lean Six SigmaStrategies for extending Lean Six Sigma's reach within and beyond your corporate walls "Variation is evil."--Jack Welch Six Sigma was the zero-variation quality lynchpin around which Jack Welch transformed GE into one of the world's most efficient and valuable corporations. Lean Production helped Toyota cut waste, slash costs, and substantially improve resource utilization and cycle times. Yet, as both would admit, there was still room for improvement. Lean Six Sigma takes you to the next level of improvement, one that for the first time unites product and process excellence with the goal of enhancing shareholder value creation. Providing insights into the application of Lean Six Sigma to both the manufacturing processes and the less-data-rich service and transactional processes, it promises to revolutionize the performance efficiencies in virtually every area of your organization's positively and dramatically impacts your shareholder value.

Alex is a hardworking man, more desperately trying to find and improve performance. His factory is rapidly heading for disaster. So is his marriage. He has ninety days to save his plant - or it will be closed by corporate HQ, with hundreds of job losses. It takes a chance meeting with a colleague from student days - Jonah - to help him break out of conventional ways of thinking to see what needs to be done. Described by Fortune as a 'guru to industry' and by Businessweek as a 'genius', Eliyahu M. Goldratt was an internationally recognized leader in the development of new business management concepts and systems. This 20th anniversary edition includes a series of detailed case study interviews by David Whitford, Editor at Large, Fortune Small Business, which explore how organizations around the world have been transformed by Eli Goldratt's ideas. The story of Alex's fight to save his plant contains a serious message for all managers in industry and explains the ideas which underline the Theory of Constraints (TOC) developed by Eli Goldratt. Written in a fast-paced thriller style, The Goal is the gripping novel which is transforming management thinking throughout the Western world. It is a book to recommend to your friends in industry - even to your bosses - but not to your competitors!

Financial data was collected for a large number of companies in the manufacturing sector, over the period from 1990 to 2010. The data were used to show correlation between inventory turns and return on assets (ROA), where turns were a measure of the leanness of a firm or an industry. A positive correlation between turns and ROA showed evidence of financial benefit from lean implementation, confirming previous results from a smaller-scale study. It was then shown that about 45% of firms studied had a competitive advantage that could be attributed to their level of leanness. Firms with a competitive advantage were compared to peer companies and it was found that about 60% are able to sustain their competitive advantage for more than 10 years.

The Key to Gaining a Global Competitive Advantage
Fundamentals for Your Lean Journey
Kaizen Express

The Cambridge International Handbook of Lean Production

It's About Time

End-to-End Lean Management

Concepts, Methodologies, Tools, and Applications

Lean Thinking

This book brings together some of the latest thinking by leading experts from around the world on integrating systems and strategies in production management and related issues that are relevant for making production into a competitive resource for the firm. This book is composed of five parts, each focused on a specific theme: Linking systems and strategies; Strategic operations management; IS/IT applications in the value chain; Modelling and simulation; Improving operations.

This book addresses how to make Kaizen a formidable competitive weapon. It serves as reinforcement for the key role the Lean coordinator holds in training and leading change that serves to make and keep a manufacturing firm world competitive.

When James Womack, Daniel Jones, and Daniel Roos wrote THE MACHINE THAT CHANGED THE WORLD in 1990, Japanese automakers, and Toyota in particular, were making a strong showing by applying the principles of lean production. However, the full power of lean principles was unproven, and they had not been applied outside of the auto industry. Today, the power of lean production has been conclusively proved by Toyota's unparalleled success, and the concepts have been widely applied in many industries. Based on MIT's pioneering global study of industrial competition, THE MACHINE THAT CHANGED THE WORLD offers a groundbreaking analysis of the entire lean business system, including product development, supplier management, sales, service, and production - an analysis even more relevant today as GM and Ford struggle to survive and a wide range of British and American companies embrace lean production. A new Foreword by the authors brings the story up to date and details how their predictions were right. As a result, this reissue of a classic is as insightful and instructive today as when it was first published.

In the decade since the publication of Rajan Suri's landmark book, Quick Response Manufacturing, the innovative principles of QRM have been proven with impressive results at many companies, big and small, in a variety of industries. While the key principles of QRM remain unchanged, after a decade of teaching QRM workshops to senior executives, Suri

Lean Enterprise Systems

Implementing a Lean Management System

Lean Labor

Combining Six Sigma Quality with Lean Production Speed

Insights from MIT's Lean Aerospace Initiative

Lean Business Systems and Beyond

Make Your Business a Lean Business

*Lean how Lean IT can help companies deliver better customerservice and value Lean Enterprise Systems effectively demonstrates how the techniquesderived from Lean Manufacturing, combined with the thoughtfulapplication of information technology, can help all enterprisesimprove business performance and add significant value for theircustomers. The author also demonstrates how the basic concepts ofLean Manufacturing can be applied to create agile and responsiveLean IT. The book is divided into three parts that collectively explore howpeople, processes, and technology combine forces to facilitatecontinuous improvement. * Part One: Building Blocks of the Lean Enterprise sets forth theessentials of Lean. Readers discover where, when, and how Lean ITadds substantial value to the Lean Enterprise through integratedprocesses of planning, scheduling, execution, control, and decisionmaking across the full spectrum of operations. * Part Two: Building Blocks of Information Systems explores theprimary components of an enterprise information system and howthese components may be integrated to improve the flow ofinformation supporting value streams. Readers learn how informationsystems help organize and deliver knowledge when and where it'sneeded. * Part Three: Managing Change with IT demonstrates how the skillfulcombination of process and information technology improvementsempowers people to continuously improve the Lean Enterprise.Readers develop the skills to exploit emerging informationtechnology tools and change management methods, crafting a Lean ITframework-reducing waste, complexity, and lead time-while addingmeasurable value. Executives, managers, and improvement teams across a broad range ofindustries, as well as IT professionals, can apply the techniquesdescribed in this publication to improve performance, add value,and create competitive advantage. The book's clear style andpractical focus also makes it an excellent textbook for upper-levelundergraduate and graduate courses in business, operationsmanagement, and business information systems.*

In his best-selling book Japanese Manufacturing Techniques, Richard J. Schonberger revolutionized American manufacturing theory and, more important, practice. In that breakthrough book, he revealed that Japanese manufacturing excellence was not culturally bound. Offering the first demystified explanation of the simple techniques that fueled Japan's industrial success, he demonstrated how the same methods could be put to work as effectively in U.S. plants.

The Cambridge Handbook of Lean Production WITH LEAN WITH 10 years of experience, Art Byrne is one of the rare few people who can speak with authority about the power of Lean in the 21st century and the leverage from organizing people around value streams. When he writes "Go to the Gemba and Run Your Kaizen," we must take heed." -- MASAOKI IMAI, bestselling author of Kaizen and Gemba Kaizen "In this wonderful and important book, Byrne shows us that Lean management, understood and practiced correctly, consistently delivers spectacular results." -- BOB EMILIANI, author, Better Thinking, Better Results, and Professor, Connecticut State University "A compelling picture of how Lean techniques and attitudes enable CEOs and senior executives to create a culture for transforming a company and putting it on a high-performance path." -- JERRY J. JASINOWSKI, former President of the National Association of Manufacturers "Art Byrne provides real-world examples of how he inhabited the wisdom and courage to do the right thing, improving work practices at all levels of the organization to deliver the right results for all stakeholders. Which comes first, the wisdom or the courage? Read The Lean Turnaround to find out." -- JOHN SHOOK, Chairman and CEO, Lean Enterprise Institute "Lean is the closest thing to magic I have experienced in my 40 years in business. I recommend Lean and this book to everyone responsible for the performance of a business, particularly those in private equity like me, where leverage magnifies the importance of cash." -- JOHN CHILDS, founder and CEO, of J. W. Childs Associates L.P. "A must-read for any leader interested in understanding the strategic advantages from focusing on activities that add value to the customer experience." -- GARY S. KAPLAN, MD, Chairman and CEO of the Virginia Mason Health System Lean isn't just for manufacturing anymore. . . . Few business leaders in the world have applied Lean strategy as successfully as Art Byrne has--and none has the ability to explain how to do it with such succinctness and clarity. Famous for turning around the wire management company Wireworld, where he rethought every aspect of operations from the customer's standpoint--and got everyone else in the company to do likewise--Byrne has successfully implemented Lean strategies in more than 30 companies in 14 different countries. In The Lean Turnaround, this legendary business leader shares everything he has learned during his remarkable career and shows how anyone can achieve similar results. His primary message is this: Lean strategy isn't just for manufacturing. In fact, Byrne is using this very approach in his present position at a private equity firm. Whatever type of company you run, Lean can be used to improve virtually every aspect of operations, from training and leading employees to accounting and payroll issues. The Lean Turnaround explains all the ins and outs of applying Lean strategy to: Eliminate waste in every value-added operation Deliver consistent value to customers Stimulate growth and add jobs Increase wealth for all your stakeholders Build a company culture of continuous improvement (Kaizen) Instead of attempting to get customers to conform to your way of doing things--which is, sadly, what most managers are taught to do--you need to configure your company to be responsive to the customers. This is at the core of Byrne's method--and it always works.

A groundbreaking and revolutionary book that will transform how lean is understood, practiced, and used within organizations A lean strategy is about gaining a competitive edge by offering better quality products at competitive prices and making a sustainable profit by eliminating waste through engaging employees in discovering deeper ways to think about their own jobs and smarter ways of working together. In its current form, lean has been radically effective, but its true powers have yet to be harnessed. Lean Strategy harnesses that power and delivers a new way of creating value from lean. Leading lean experts address popular misconceptions about the basics of lean/TPS, showing the true purpose of tools, methods, and attitudes that leverage the intelligence of every employee doing the work. You'll learn how to think--and then act--differently, tapping the power of every person in your organization in a disciplined manner that generates unparalleled, sustainable success that is responsive to today's most pressing challenges

Learning with Lean

Operations and Service Management: Concepts, Methodologies, Tools, and Applications

Diverging Theories and New Industries around the World

A case study of Oriental Car Co Ltd

How Companies and Customers Can Create Value and Wealth Together

International IFIP TC 5, WG 5.7 Conference on Advances in Production Management Systems (APMS 2007), September 17-19, Linköping, Sweden

The Sustainability of Lean Manufacturing as a Competitive Advantage

Organizations of all types are consistently working on new initiatives, product lines, and workflows as a way to remain competitive in the modern business environment. No matter the type of project at hand, employing the best methods for effective execution and timely completion of the task is essential to business success. Operations and Service Management: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest research on business operations and production processes. It examines the need for a customer focus and highlights a range of pertinent topics such as financial performance measures, human resource development, and business analytics, this multi-volume book is ideally designed for managers, professionals, students, researchers, and academics interested in operations and service management.

The global market is constantly evolving and it has become essential for organizations to employ new methods of appealing to customers in order to stay abreast on current trends within the world economy. The Handbook of Research on Driving Competitive Advantage through Sustainable, Lean, and Disruptive Innovation features theoretical development and empirical research in social media platforms, internet usage, big data analytics, and smart computing, as well as other areas of organizational innovation. Highlighting implementation challenges facing innovative processes, this publication is a critical reference source for researchers, students, professionals, managers, and decision makers interested in novel strategies being employed by organizations in an effort to improve their standings on the global market.

Lean Production transformed the way that companies think about production and manufacturing. This book provides a new challenge. It arises from the work of the Lean Aerospace Initiative at MIT and provides a new agenda and bold vision for the aerospace industry to take it out of crisis. It also redefines and develops the concept of Lean as a framework for enterprise transformation and this will be relevant and critical for all industries and enterprises.

The toughest Lean journeys are those taken in organizations that have achieved long-term success. Processes and people become fixed in their ways and exhibit a natural resistance to change. But, regardless of how well your organization is performing, unless you have a sustainable competitive advantage, you are at risk.Examining the performance gap

Lean Six Sigma

How to Create Enduring Market Leadership

A Guide to Complete Supply Chain Improvement

Banish Waste And Create Wealth In Your Corporation

Achieving Perfect Delivery with Lean Thinking in Purchasing, Supply Chain, and Production Planning

Lean Solutions

Lean Manufacturing has proved to be one of the most successful and most powerful production business systems over the last decades. Its application enabled many companies to make a big leap towards better utilization of resources and thus provide better service to the customers through faster response, higher quality and lowered costs. Lean is often described as "eyes for flow and eyes for muda" philosophy. It simply means that value is created only when all the resources flow through the system. If the flow is stopped no value but only costs and time are added, which is muda (Jap. waste). Since the philosophy was born at the Toyota many solutions were tailored for the high volume environment. But in turbulent, fast-changing market environment and progressing globalization, customers tend to require more customization, lower volumes and higher variety at much less cost and of better quality. This calls for adaptation of existing lean techniques and exploration of the new waste-free solutions that go far beyond manufacturing. This book brings together the opinions of a number of leading academics and researchers from around the world responding to those emerging needs. They tried to find answer to the question how to move forward from "Spaghetti World" of supply, production, distribution, sales, administration, product development, logistics, accounting, etc. Through individual chapters in this book authors present their views, approaches, concepts and developed tools. The reader will learn the key issues currently being addressed in production management research and practice throughout the world.

This handbook focuses on two sides of the lean production debate that rarely interact. On the one hand, management and industrial engineering scholars have presented a positive view of lean production as the epitome of efficiency and quality. On the other hand, sociology, industrial relations, and labor relations scholars focus on work speedups, management by stress, trade union positions, and self-exploitation in lean teams. The editors of this volume understand the merits of both views and present them accordingly, bridging the gaps among five disciplines and presenting the best of each perspective. Chapters by internationally acclaimed authors examine the positive, negative and neutral possible effects of lean, providing a global view of lean production while adjusting lean to the cultural and political contexts of different nation-states. As the first multi-lens view of lean production from academic and consultant perspectives, this volume charts a way forward in the world of work and management in our global economy.

Examines Japan's innovative, highly successful production methods

A Plain-Language Guide to the World's Most Powerful Production System

Handbook of Research on Driving Competitive Advantage through Sustainable, Lean, and Disruptive Innovation

Integrating People, Process, and Technology