

The Lean Strategy Using Lean To Create Competitive Advantage Unleash Innovation And Deliver Sustainable Growth

Which is the right approach for effective continuous improvement? While much has been written on merging Lean and Six Sigma initiatives, this is the first book to detail a logical alternative - a no-nonsense strategy for maintaining the best of both initiatives without diluting either. In *Using Lean for Faster Six Sigma Results*, Mark Nash, Sheila Poling, and Sophronia Ward lay out the differences between Lean and Six Sigma, define the distinct power and focus of each, and detail why and how to use them together in a synchronized and complementary way. While Lean focuses on the elimination of waste, Six Sigma addresses variability and reliability. Organizations that initiate Lean early in their continuous improvement efforts create culture change, immediate results, and streamlined processes, paving the way for faster and more effective Six Sigma results. This practical, easy read shows how to choose the right projects, approach, people, and toolset to achieve bottom-line results faster. Readers will benefit from the authors' years of experience implementing Lean with Six Sigma, through detailed case studies from both manufacturing and service companies. If you are struggling with the dilemma of how to integrate Lean and Six Sigma, or deciding which approach to use, read this practical, down-to-earth book to inspire and guide your strategy.

What is a lean sensei and what exactly do they do? That is the key question at the heart of this important new book sharing the secret of Lean thinking, which Dan Jones calls "the alternative business model for our age." Jones explains that "behind all the tools for operational excellence and the different management system needed to support their use, lies a much deeper challenge: to develop the human potential of everyone to create a culture of accelerating continuous improvement to meet today's changing circumstances. Learning is at the heart of lean." The Lean Sensei provides both a conceptual and hands-on toolkit for developing lean leaders-and becoming one yourself. It will challenge you to reflect on how you coach; share mindful questions that improve your awareness of what to look for; and keep both you and your students focused on the signs, symptoms, and syndromes that can slow your lean success. This book, written by six lean pioneers who have experienced and followed the path of the Sensei, shares a radical vision of how to flourish with this approach. They argue that Lean is a system of gaining competitiveness by continuously developing people, and as such, sensei play a vital role in helping others deepen their thinking every day. To be effective in transforming processes and the people who operate within them, any sensei "must first learn to transform yourself," they write. "No one can do lean for you. It is up to you. But you will also need a Sensei to help you discover new ways of seeing and acting, and to help everyone learn to adapt to a rapidly changing world. These lean pioneers discovered what Senseis really do. Learn from them before you search for your own Sensei." - Daniel T. Jones, co-author of *The Machine That Changed The World*, *Lean Thinking*, *Lean Solutions* and *The Lean Strategy*

Lean – Let's Get It Right!: How to Build a Culture of Continuous Improvement (978-0-367-42991-1, 340939) Shelving Guide: Business & Management / Lean Management This book addresses the root causes of why a majority of Lean transformations have not met expectations. More importantly, it provides the information needed to turn around the failure mechanisms and transform them into critical success factors. *Lean – Let's Get It Right!* delves into the psychology of change and motivation and clarifies the roles and responsibility changes which are required for alignment with Lean principles. While the author includes a review of Lean principles, the majority of the book either provides more depth of understanding of the principles or highlights how misalignment can thwart Lean transformation efforts. What this provides is not only clarity, but it establishes a solid reference point or framework to guide the Lean strategy. The reader will begin to see how the principles are not simply a random set of characteristics or features of Lean, but are actually a set of fundamental beliefs on which all else is based. Though repeated throughout the book that an organization must develop the specifics of their own Lean roadmap, this book concludes with guidance on making it happen. This book, with its primary focus on people, leadership, and principles, and less so on the details of tools and techniques, can be thought of as providing the few critical missing puzzle pieces to enable an effective Lean transformation.

"Mike Woods urges his retired father into helping out a friend's failing company. But for Bob Woods, another struggle to introduce lean manufacturing quickly rehashes production battles that he's long since fought. And not even the senior Woods, son Mike, or friend Phil and his colleagues really grasp what's in store for them."--Cover.

In the current age of manufacturing revival in the U.S. and other developed countries, companies are looking for ways to maintain or gain advantage over competitors from low-cost countries. This book presents a firsthand account of actual projects in three different industries to help leaders and middle managers structure their own turnaround or improvement projects. The book uses a case-based approach for Lean implementation and presents a summary of lessons learned and insights on change management. It includes examples of Robotic Process Automation concepts used in manufacturing and offers several examples of analytical tools used to solve operations management problems. The first-person, story-based approach makes this book an engaging read for operations leaders and middle management in the areas of quality management, engineering management, business management, and manufacturing, as well as postgraduate students.

Lean culture should be developed so that the goal to improve a process or business condition on a continuous basis can be achieved. Organizations with a lean culture have reaped many successful experiences in implementing lean, so it is seen as a legitimate methodology for organizations. New employees coming into an organization that has a lean culture will be taught to see, think, and feel from a lean perspective in dealing with problems in their job. Lean needs to be a cultural mindset for all for an organization to remain successful. The effort to build a lean culture relies on the support and active participation of leaders as the agents of change. Research shows that the success of a lean implementation is around 50% depending on leadership, while the remaining 30% is on finance, 10% on organization and culture, and 10% on skills and expert human resources. In general, leaders play a role in developing subordinates, problem-solving skills, and producing various continuous improvement efforts. In addition, leaders are responsible for encouraging subordinates to continuously use problem-solving tools as part of their efforts to improve their skills and deal with bigger problems. This book focuses on leadership and the tools required to support a lean initiative. Understanding the basic and valuable tools of lean provides the foundation for leaders in support of their organization initiative. Topics in the book include a description of the eight wastes, organizational level process mapping, lean metrics, and developing a future position. The author includes a discussion and samples of basic lean tools such as Kanban, standard work, and visual management. The author also

describes the tools each leader needs to be successful with in creating a culture of lean thinking, including the leader task board, the process performance board, and process walk. What if the problem is you? For organizations just preparing to begin a continuous-improvement (CI) journey, the behaviors of the leadership must transform dramatically for the Lean toolkit to succeed. Many organizations invest in training colleagues about the power of the tools but fail to address the behavior and mindset of the leadership. Unfortunately, misaligned leadership behaviors will counteract any culture change that is attempted simply by pushing the use of Lean tools. This book outlines a comprehensive set of leadership principles that must be understood and modelled by the leadership before the CI Journey can effectively begin. This book organizes these leadership principles into a framework of a conceptual model called the "Three Spaces of Lean Transformation." The model suggests that these spaces of Trust, Change, and Continuous Improvement must be consciously shaped, developed, and maintained by the organizational leadership if a continuous improvement culture change succeeds. This book organizes a set of leadership principles -- that supports the culture change -- into each of these three spaces. The book is written in the first-person narrative and maintains a mentoring format. This book is for professionals at the very beginning of an intimidating Lean journey and with very little background or formal Lean training. Although these leadership principles are framed in the approach of being necessary to support an innovation culture change, the principles are, in fact, those necessary to support effective employee engagement. In addition, this set of leadership principles, if modeled consistently by the leaders, will create an organizational culture that will attract and retain great employees. These principles form the strong leadership foundation that must be established in organizations where, previously, many of the leadership behaviors were contrary to what is required by a "Lean" organization. The proper adoption of these leadership principles by an organization will support the long-term success of the Lean journey, and that this will enable a lasting, not a temporary, change to a continuous improvement culture.

How well does your organization respond to changing market conditions, customer needs, and emerging technologies when building software-based products? This practical guide presents Lean and Agile principles and patterns to help you move fast at scale—and demonstrates why and how to apply these paradigms throughout your organization, rather than with just one department or team. Through case studies, you'll learn how successful enterprises have rethought everything from governance and financial management to systems architecture and organizational culture in the pursuit of radically improved performance. Discover how Lean focuses on people and teamwork at every level, in contrast to traditional management practices Approach problem-solving experimentally by exploring solutions, testing assumptions, and getting feedback from real users Lead and manage large-scale programs in a way that empowers employees, increases the speed and quality of delivery, and lowers costs Learn how to implement ideas from the DevOps and Lean Startup movements even in complex, regulated environments

In this groundbreaking sequel to *The Gold Mine*, authors Michael and Freddy Ballé present a compelling story that teaches readers the most important lean lesson of all: how to transform themselves and their workers through the discipline of learning the lean system. *The Lean Manager: A Novel of Lean Transformation* reveals how individuals can go beyond the short-term gains from tools, and realize a deeper, sustainable path of improvement. Full of human moments that capture the excitement and drama of lean implementation, as well as clear explanations of how tools and systems go hand-in-hand, this book will teach and inspire every person working to make lean a reality in their organization today. This book will help you learn both the how of doing lean, as well as the why behind the tools, enabling you to become lean. Lean is the most important business model for competitive success today. Yet companies still struggle to sustain enduring and deep-rooted business success from their lean implementation efforts. The most important problem for these companies is becoming lean: how can they advance beyond realizing isolated gains from deploying lean tools, to fundamentally changing how they operate, think, and learn? In other words, how can companies learn to go beyond lean turnaround to achieve lean transformation? *The Lean Manager: A Novel of Lean Transformation*, by lean experts Michael and Freddy Ballé, addresses this critical problem. As we move from what Jim Womack, author, lean management authority, and LEI founder, calls "the era of lean tools to the era of lean management," *The Lean Manager* gives companies a definitive guide for sustaining their ability to learn and improve operations and financial performance, while continually developing people. "The only way to become and stay lean is to produce lean managers," says Womack. "Every isolated effort will recede—or fail—unless companies learn to use the lean process as a way of developing individual problem-solvers with the ownership, initiative, and know-how to solve problems, learn, and ultimately coach new individuals in this discipline. That's why this book matters so much." *The Lean Manager*, the sequel to the Ballé's international bestselling business novel *The Gold Mine*, tells the compelling story of plant manager Andrew Ward as he goes through the challenging but rewarding journey to becoming a lean manager. Under the guidance of Phil Jenkinson (whose own lean journey was at the core of *The Gold Mine*), Ward learns to use a deep understanding of lean tools, as well as a technical know-how of his plant's operations, to foster a lean attitude that sustains continuous improvement. Where *The Gold Mine* shows you how to introduce a complete lean system, *The Lean Manager* demonstrates how to sustain it. Ward moves beyond fluency with tools to changing his behavior as a manager and leader. He shifts from giving orders and answers to asking the right questions so people identify and address problems. He learns how to use tools to unleash the creativity and motivation of people, so they learn how to solve problems as well as coach and teach others to solve problems. Ward learns how to create lean managers. "I am excited and have hopes that this book will enlighten readers about what it really means to live a business transformation that puts customers first and does this through developing people," said Jeffrey Liker, author of *The Toyota Way* and professor of Industrial and Operations Engineering at the University of Michigan. "People who do the work have to improve the work. There are tools, but they are not tools for 'improving the process.' They are tools for making problems visible and for helping people think about how to solve those problems."

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

"The Lean Book of Lean provides a short introduction to a very topical subject, using everyday language and numerous examples to make the principles clear for any reader, at any level and from any sector"--

While there are numerous Lean Certification programs, most companies have their own certification paths whereby they bestow expert status upon employees after they have participated in or led a certain

number of kaizen events. Arguing that the number of kaizen events should not determine a person's expert status, *The Lean Practitioner's Field Book: Proven, Practical, Profitable and Powerful Techniques for Making Lean Really Work* outlines a true learning path for anyone seeking to understand essential Lean principles. The book includes a plethora of examples drawn from the personal experiences of its many well-respected and award-winning contributors. These experts break down Lean concepts to their simplest terms to make everything as clear as possible for Lean practitioners. A refresher for some at times, the text provides thought-provoking questions with examples that will stimulate learning opportunities. Introducing the Lean Practitioner concept, the book details the five distinct Lean Practitioner levels and includes quizzes and criteria for each level. It highlights the differences between the kaizen event approach and the Lean system level approach as well as the difference between station balancing and baton zone. This book takes readers on a journey that begins with an overview of Lean principles and culminates with readers developing professionally through the practice of self-reliance. Providing you with the tools to implement Lean tools in your organization, the book includes discussions and examples that demonstrate how to transition from traditional accounting methods to a Lean accounting system. The book outlines an integrated, structured approach identified by the acronym BASICS (baseline, analyze, suggest solutions, implement, check, and sustain), which is combined with a proven business strategy to help ensure a successful and sustainable transformation of your organization.

Lean is a type of organizational change brought about through improvement methods based on cost reduction mechanism. The assumption is that by reducing costs, the organizations can work better and more efficiently. All changes in lean-based organizations are directed at reducing these costs by identifying and eliminating waste. The thinking is that cost reduction will increase efficiency since, basically, it removes process inefficiencies and decreases cycle time. Why are targets directed at cost reduction? Because costs are a crucial factor for sustainable business organization. Lean thinking cuts the value of scale production by looking at the existing waste in a process. Production remains the same, but the costs of goods production are reduced due to the elimination of waste in the process. As a result, companies do not have to increase their production if it is not required, giving companies an increase in average profits due to lean and the elimination of identified waste. The focus on cost reduction can be included in the overall lean concept since cost wasting is only a part of the existing waste. In other words, other waste can be converted into costs or perceived as a value. This book starts the mental process of organization change through lean thinking. It provides the background and history of lean, and then gets into how the lean process works. The author also discusses why an organization should implement lean as a method to increase quality and engage workers in the process, thereby increasing efficiency and, ultimately, profitability. Through case studies and examples from Indonesia, the author describes how to create a value stream to identify waste and discusses the concept of a pull system and its impact on the process.

To enhance and sustain its Lean journey, a company must implement information systems that fully support and enhance the Lean initiative. In *Easier, Simpler, Faster: Systems Strategy for Lean IT*, Jean Cunningham and Duane Jones introduce the case study of an actual Lean implementation involving the IT system of a mid-size manufacturer, highlighting the IT challenges that the manufacturer faced during the Lean transformation. Winner of a Shingo Prize, this book will provide you with a broader vision as well as a path to what a Lean system environment will look like for your company.

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.

Examines Japan's innovative, highly successful production methods

Many organizations develop strategic plans that gather dust on bookshelves. Many other organizations employ Lean and Six Sigma methodologies to eliminate waste and reduce process variation only to find they are not moving the big bars that measure success for the organization. *Driving Strategy to Execution Using Lean Six Sigma: A Framework for Crea*

This book gives healthcare leaders a practical guide to implementing the 4 key components of lean daily management system - 1. LDM boards; 2. Leadership rounds 3. Leader daily disciplines and 4. Lean projects. Although lean is not new to healthcare, effective LDM is just now taking hold with the best lean healthcare organizations in the U.S. and Canada. Leaders are realizing that sustaining their lean projects over time has proven to be a challenge without first addressing the organizations management system/model. LDM gives leaders a straightforward approach to do just that as well as improve their ability to spread and deploy lean to other areas of the organization and tie back to strategy.

Lean production, which has radically benefited traditional manufacturing, can greatly improve the software industry with similar methods and results. This transformation is possible because the same overarching principles that apply in other industries work equally well in software development. The software industry follows the same industrial concepts of production as those applied in manufacturing; however, the software industry perceives itself as being fundamentally different and has largely ignored what other industries have gained through the application of lean techniques.

From near-extinction in the early eighties, Harley-Davidson rose to worldwide recognition and is still today one of the great, iconic American motorcycle brands. In this insider guide, former Harley-Davidson executive Dantar Oosterwal offers an exclusive look at how Harley-Davidson was able to adapt in an ever-changing world to stay on top and stay in existence. In *The Lean Machine*, readers learn about Harley-Davidson's secret weapon and go-to formula for outstanding success: Knowledge-Based Product Development. Rooted in Japanese productivity improvement techniques, this method helped Harley realize an unprecedented fourfold increase in throughput in half the time--powering annual growth of more than ten percent. Winner of the 2017 Shingo Prize for Literature, *The Lean Machine*--which is part business journal, part analysis, and part step-by-step toolkit--takes readers through the day-to-day transformation at Harley and identifies universal change and improvement issues so that companies in any industry can incorporate this game-changing system--with predictably excellent results.

Healthcare organizations that have already applied Lean thinking to their processes, with the diligence of effective management and strong leadership support, are now realizing the benefits of their efforts. And, many of those benefits surpass what was thought possible just a few years ago. To be successful, these organizations had to provide the leadership to arrive at their future state. Written by a Shingo Prize-winning author and Lean sensei, *Lean Leadership for Healthcare: Approaches to Lean Transformation* explains how to apply Lean improvement to both clinical and non-clinical processes. It presents valuable lessons learned by the author over the years of leading improvements in this complex industry and lays out a clear roadmap for initiating your Lean improvements. Illustrating the leadership behaviors required to achieve sustainable success, the book is ideal for leaders in the healthcare industry looking to initiate Lean improvements to clinical and non-clinical processes. It reviews the fundamentals of Lean and explains how to link a strategy of continuous improvement to corporate strategy to achieve operational excellence. It also describes how to mitigate the risk of failure when undergoing large-scale corporate change—including what can go wrong and how to prevent these failures. The book includes case studies that share the time-tested insights of healthcare team members and leaders. It outlines a management system for sustaining your Lean improvements and provides the Lean leadership approaches, thoughts, and visual tools you'll need to guide your organization along the

path toward world-class healthcare performance.

Updated with new information, illustrations, and leadership tools, *Leading the Lean Enterprise Transformation, Second Edition* describes how the metrics used by Toyota drive every line item in a financial statement in the right direction. Rather than focus on Lean tools and principles, the new edition of this bestselling reference focuses on what may be the least understood and most critical aspect of a Lean transformation: the building of a Lean culture. In addition to new appendices with background information and insightful stories on Lean leadership and implementation, it includes new information on tactical organization practices, strategy deployment, and Lean culture. An inductee to IndustryWeek's Hall of Fame, George Koenigsaecker illustrates successful strategies and valuable lessons learned with case histories of U.S. leaders who have been instrumental in bringing Lean to the forefront. He explains the use of value stream analysis at the leadership level and describes how to structure kaizen events that can improve the value stream. Organized in the chronological sequence that a leader embarking on a Lean journey would experience, the book discusses the methods used by the author during the Hon Company's successful Lean conversion, which doubled productivity, tripled revenues, and led IndustryWeek to recognize Hon as one of the "World's 100 Best Managed Firms." The book not only introduces powerful leadership tools—including strategy deployment, transformation value stream analysis, and transformation plan of care—but also arms potential change agents with the soft skills needed to define, develop, and communicate their vision. Detailing the steps required to sustain improvements, it supplies time-tested guidance for effective leadership throughout a Lean transformation in any organization.

A Practical, Hands-on Guide to Lean Manufacturing This real-world resource offers proven solutions for implementing lean manufacturing in an enterprise environment, covering the engineering and production aspects as well as the business culture concerns. Filled with detailed examples, the book focuses on the rapid application of lean principles so that large, early financial gains can be made. *How to Implement Lean Manufacturing* explains Toyota Production System (TPS) practices and specifies the distinct order in which lean techniques should be applied to achieve maximum gains. Global case studies illustrate successes and pitfalls of lean manufacturing initiatives. Discover how to: Rigorously test and retest the state of your "leanness" with unique evaluators Develop and deploy plant-wide strategies and goals Improve speed and quality and dramatically reduce costs Reduce variation in the manufacturing system in order to reduce inventory Reduce lead times to enable improved responsiveness and flexibility Synchronize production and supply to the customer Create flow and establish pull-demand systems Perform system-wide and specific value-stream evaluations Generate a comprehensive list of highly focused Kaizen activities Sustain process gains Manage constraints and reduce bottlenecks Implement cellular manufacturing

Bring Lean Improvements to the Administrative Areas of Your Organization! Extending their eight-step process to the realization of a lean office, Tapping and Shuker use a customer service case study to illustrate the effectiveness of the value stream storyboard. This popular volume provides organizations with a proven system for implementing lean pri

Winner of a Shingo Research and Professional Publication Award Information Technology is supposed to enable business performance and innovation, improve service levels, manage change, and maintain quality and stability, all while steadily reducing operating costs. Yet when an enterprise begins a Lean transformation, too often the IT department is either left out or viewed as an obstacle. What is to be done? Winner of a 2011 Shingo Research and Professional Publication Award, this book shares practical tips, examples, and case studies to help you establish a culture of continuous improvement to deliver IT operational excellence and business value to your organization. Praise for: ...will have a permanent place in my bookshelf. —Gene Kim, Chief Technology Officer, Tripwire, Inc. ... provides an unprecedented look at the role that Lean IT will play in making this revolutionary shift and the critical steps for sustained success. —Steve Castellanos, Lean Enterprise Director, Nike, Inc. Twenty years from now the firms which dominate their industries will have fully embraced Lean strategies throughout their IT organizations. —Scott W. Ambler, Chief Methodologist for Agile and Lean, IBM Rational ... a great survival manual for those needing nimble and adaptive systems. —Dr. David Labby, MD, PhD, Medical Director and Director of Clinical Support and Innovation, CareOregon ... makes a major contribution in an often-ignored but much-needed area. —John Bicheno, Program Director MS in Lean Operations, Cardiff University ... a comprehensive view into the world of Lean IT, a must read! —Dave Wilson, Quality Management, Oregon Health & Science University

Outlines a revisionist approach to management while arguing against common perceptions about the inevitability of startup failures, explaining the importance of providing genuinely needed products and services as well as organizing a business that can adapt to continuous customer feedback.

Use this practical, step-by-step guide on lean agile strategy to harness technological disruption at your large business to successfully advance your business rather than suffer a loss of business. The lean agile enterprise concept is demystified and translated into action as the author shares his experience with both success and major failure in areas such as healthcare, insurance, major airline, manufacturing, financial services, education, and big data. The author shares the good, the bad, and the ugly of enterprise-level adoption of lean startup practices (what we call a "lean corporation"). The book provides step-by-step instructions specifically targeted to technologists in multiple roles—from CEO to a developer on the ground—on how to build a "lean agile corporation" and avoid common traps. Building on the experience of the "lean startup" framework of Steven Blank and Eric Reis, this book takes these concepts to the enterprise level by providing tips and best practice guidelines, sharing "horror stories" and common anti-patterns in a fun and engaging way. What You'll Learn Discover how you can contribute to your company as it becomes a lean agile corporation and survives technological and digital disruption Beat Facebook, Amazon, Apple, and Google at their own game by using methods they use to quickly experiment with new services and features Understand how to advance your career in a lean startup framework Know how you can trace your company's success to your daily work Who This Book Is For Those in technology and business who are interested in strategy, business agility, management, execution, new technologies, and in the future of the business world.

*Learn how Lean IT can help companies deliver better customer service and value Lean Enterprise Systems effectively demonstrates how the techniques derived from Lean Manufacturing, combined with the thoughtful application of information technology, can help all enterprises improve business performance and add significant value for their customers. The author also demonstrates how the basic concepts of Lean Manufacturing can be applied to create agile and responsive Lean IT. The book is divided into three parts that collectively explore how people, processes, and technology combine forces to facilitate continuous improvement: * Part One: Building Blocks of the Lean Enterprise sets forth the essentials of Lean. Readers discover where, when, and how Lean IT adds substantial value to the Lean Enterprise through integrated processes of planning, scheduling, execution, control, and decisionmaking across the full spectrum of operations. * Part Two: Building Blocks of Information Systems explores the primary components of an enterprise information system and how these components may be integrated to improve the flow of information supporting value streams. Readers learn how information systems help organize and deliver knowledge when and where it's needed. * Part Three: Managing Change with IT demonstrates how the skillful combination of process and information technology improvements empowers people to continuously improve the Lean Enterprise. Readers develop the skills to exploit emerging information technology tools and change management methods, crafting a Lean IT framework-reducing waste, complexity, and lead time-while adding measurable value.*

Executives, managers, and improvement teams across a broad range of industries, as well as IT professionals, can apply the techniques described in this publication to improve performance, add value, and create competitive advantage. The book's clear style and practical focus also makes it an excellent textbook for upper-level undergraduate and graduate courses in business, operations management, and business information systems.

Companies from startups to corporate giants face massive amounts of disruption today. Now more than ever, organizations need nimble and responsive leaders who know how to exploit the opportunities that change brings. In this insightful book, Jean Dahl, a senior executive and expert in the Lean mindset and its methods, demonstrates why you need to embrace Modern Lean principles and thinking to redefine leadership in this age of digital disruption in order to continuously evolve the Lean enterprise. Drawing on nearly three decades of corporate and consulting experience, Ms. Dahl lays out a new holistic framework for developing Modern Lean leaders. Through personal experiences and compelling real-world case studies, she explains specific steps necessary for you and your company to proactively understand and respond to change. Understand the leadership challenges Lean leaders face in our 21st century global economy Explore the six dimensions of the Modern Lean Framework™ Learn and apply the nine steps necessary to become a Lean leader Use Modern Lean methods to build a culture of continuous learning that can be sustained and maintained within your organization Seize competitive advantage by embracing Modern Lean to build an enterprise that understands how to respond to disruption Proven methods for diagnosing problems, improving processes, and increasing profits In Strategic Lean Mapping, continuous improvement expert Steven Borris reveals how to visually document your organization's processes and identify problematic issues. Find out how to blend and then apply select techniques from Lean Manufacturing, Theory of Constraints, RCM (Reliability-Centered Maintenance), TPM (Total Productive Maintenance), OEE (Overall Equipment Efficiency), and other methodologies to implement the perfect solution to the task at hand. Diagrams, charts, and real-world case studies help you to put the concepts presented into practice. This hands-on guide will help small companies, large global organizations, and government agencies alike find ideal solutions for individual processes or projects. Coverage includes: Finding improvement opportunities The five principles of Lean The seven wastes of Lean The big picture map SWOT (strengths, weaknesses, opportunities, and threats) analysis Process mapping Capacity mapping Lean Manufacturing, the value-stream map, and partial value Problem solving and decision making

If your manufacturing organization is slow and inefficient, it's time to slim down. Here's a proven "weight loss" plan.

Lean Culture Change is a hands on field book with real-world Lean healthcare examples that can be adapted to any industry. The book defines the first steps to transformation using a daily management system adapted from the Toyota Georgetown, General Motors, and beyond by Rodger Lewis, one of Toyota's first leaders hired in North America.

Performance management, the primary focus of a Lean organization, occurs through continuous improvement programs that focus on education, belief systems development, and effective change management. Presenting a first-of-its-kind approach, The Lean Management Systems Handbook details the critical components required for sustainable Lean management. Positioning Lean as a management operational philosophy far beyond the traditional set of improvement tools, the book explains how managers at all levels of the organization can integrate Lean into their daily management activities. It defines the Lean philosophy as well as the beliefs and behaviors required to develop a thriving Lean company culture. The book captures the essence of Lean learning and Lean doing and illustrates practical applications of Lean management. It begins by covering the basics that encompass Lean management and leadership in two critical areas: maintenance/control and improvement. After reading this book, you will better understand how to see waste, measure waste, eliminate waste, and develop an active change improvement workplace. You will also gain the practical understanding required to determine which Lean tool is best suited to your particular need for supporting an organization-wide management system. Expounding on essential Lean concepts, this is an ideal guide to help new managers and leaders make the transition from theory to successful application in the field. Complete with brief summaries and examples of the most important tools in Lean management systems development in each chapter, the book provides a reliable roadmap for deploying a Lean management system across your organization, and subsequently across your entire value stream.

Lean Process Creation teaches the specific frames—the 6CON 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 6CON 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.

Explaining how to use Lean principles to drive innovation and strategic portfolio planning, *The Innovative Lean Enterprise: Using the Principles of Lean to Create and Deliver Innovation to Customers* outlines simple, yet powerful, visual Lean tools that can enhance idea generation and product development. It starts with a discussion of Lean principles and then identifies the applicable portions of Lean that can drive customer value. The book discusses customer value in the form of the benefits your customers desire. It walks you through the processes of using Lean techniques to effectively evaluate the quality of any prospective marketing opportunity and includes examples from a variety of industries, including healthcare. The text discusses value creation, reduction of waste, entrepreneurial system designer, set-based concurrent engineering, and Lean project management. It also includes numerous examples of visual management tools as they apply to innovation to help you develop the understanding required to achieve a competitive advantage for your brand, division, or company through Lean.

THE C-LEVEL GUIDE TO SUCCEEDING WITH LEAN "With 30 years of accumulated experience, Art Byrne is one of the rare few people who can speak with authority about the pitfalls of financial measurement systems, the importance of respect for people, the power of Lean in the marketplace, and the leverage from organizing people around value streams. When he writes 'Go to the Gemba and Run Your Kaizen,' we must take heed." -- MASA AKI 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 highperformance path." -- JERRY J. JASINOWSKI, former President of the National Association of Manufacturers "Art Byrne provides real-world examples of how he exhibited 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 Wiremold, 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.

Addressing popular misconceptions about the basics of lean/TPS; this groundbreaking book shows the true purpose of the tools; methods; and attitudes that leverage the intelligence of every employee doing the work. --

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