

# Lean Enterprise How High Performance Organizations Innovate At Scale Jez Humble

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**Turn The Ship Around!** L. David Marquet 2015-10-08 'David Marquet is the kind of leader who comes around only once in a generation ... his ideas and lessons are invaluable' Simon Sinek, author of Start With Why Captain David Marquet was used to giving orders. In the high-stress environment of the USS Santa Fe, a nuclear-powered submarine, it was crucial his men did their job well. But the ship was dogged by poor morale, poor performance and the worst retention in the fleet. One day, Marquet unknowingly gave an impossible order, and his crew tried to follow it anyway. He realized he was leading in a culture of followers, and they were all in danger unless they fundamentally changed the way they did things. Marquet took matters into his own hands and pushed for leadership at every level. Before long, his crew became fully engaged and the Santa Fe skyrocketed from worst to first in the fleet. No matter your business or position, you can apply Marquet's approach to create a workplace where everyone takes responsibility for their actions, people are healthier and happier - and everyone is a leader.

**Achieving DevOps** Dave Harrison 2019-05-23 Ben is stuck. A development lead with a strong vision for how the intersection of development and operations at his office can be improved, he can't help but feel overwhelmed and discouraged by common problems such as slow turnaround time, rushed and ineffective handover documentation, mounting technical debt, and a lagging QA process. What steps should Ben take to build the momentum needed to create positive changes within his company? In this unique business novel by Dave Harrison and Knox Lively, two DevOps professionals with years of diverse experience in the industry, you follow Ben as he solves work frustrations in order to adopt Agile, DevOps, and microservices architectures for his organization. Achieving DevOps addresses the "Now what?" moment many DevOps professionals face on their journey. The story provides you with the knowledge you need to navigate the internal political waters, build management support, show measurable results, and bring DevOps successfully into your organization. Come away with practical lessons and timeless business concepts. You'll know how to effect change in a company from the bottom up, gain support, and instill a pattern of progressively building on success. Experience Ben's progress vicariously in Achieving DevOps and bridge the gap between inspiration and the implementation of your own DevOps practices. Who This Book Is For Those serving as change agents who are working to influence and move their organizations toward a DevOps approach to software development and deployment: those working to effect change from the bottom up such as development leads, QA leads, project managers, and individual developers; and IT directors, CTOs, and others at the top of an organization who are being asked to lend their support toward DevOps implementation efforts

**The Lean Product Lifecycle** Craig Strong 2018 The Lean Product Lifecycle is a playbook that provides frameworks, methods and tools to develop innovative new products and business models, while managing your core portfolio.

**A Practical Approach to Large-Scale Agile Development** Gary Gruver 2012-11-15 Today, even the largest development organizations are turning to agile methodologies, seeking major productivity and quality improvements. However, large-scale agile development is difficult, and publicly available case

studies have been scarce. Now, three agile pioneers at Hewlett-Packard present a candid, start-to-finish insider's look at how they've succeeded with agile in one of the company's most mission-critical software environments: firmware for HP LaserJet printers. This book tells the story of an extraordinary experiment and journey. Could agile principles be applied to re-architect an enormous legacy code base? Could agile enable both timely delivery and ongoing innovation? Could it really be applied to 400+ developers distributed across four states, three continents, and four business units? Could it go beyond delivering incremental gains, to meet the stretch goal of 10x developer productivity improvements? It could, and it did—but getting there was not easy. Writing for both managers and technologists, the authors candidly discuss both their successes and failures, presenting actionable lessons for other development organizations, as well as approaches that have proven themselves repeatedly in HP's challenging environment. They not only illuminate the potential benefits of agile in large-scale development, they also systematically show how these benefits can actually be achieved.

Coverage includes:

- Tightly linking agile methods and enterprise architecture with business objectives
- Focusing agile practices on your worst development pain points to get the most bang for your buck
- Abandoning classic agile methods that don't work at the largest scale
- Employing agile methods to establish a new architecture
- Using metrics as a "conversation starter" around agile process improvements
- Leveraging continuous integration and quality systems to reduce costs, accelerate schedules, and automate the delivery pipeline
- Taming the planning beast with "light-touch" agile planning and lightweight long-range forecasting
- Implementing effective project management and ensuring accountability in large agile projects
- Managing tradeoffs associated with key decisions about organizational structure
- Overcoming U.S./India cultural differences that can complicate offshore development
- Selecting tools to support quantum leaps in productivity in your organization
- Using change management disciplines to support greater enterprise agility

**The Lean Book of Lean** John Earley 2016-06-20 An essential guide to bringing lean to your business and your life The Lean Book of Lean provides a succinct overview of the concepts of Lean, explains them in everyday terms, and shows how the general principles can be applied in any business or personal situation. Disengaging the concept of Lean from any particular industry or sector, this book brings Lean out of the factory to help you apply it anywhere, anytime. You'll learn the major points and ideas along with practical tips and hints, and find additional insight in the illustrative examples. Lean is all about achieving the desired outcome with the minimum amount of fuss and effort, and this book practises what it preaches — concise enough to be read in a couple of sittings, it nonetheless delivers a wealth of information distilled into the essential bits you need to know. The Lean Book of Lean discards unnecessary specialisation and minute detail, and gets to the point quickly, so you can get started right away. Understand the basic principles of lean Recognise lean behaviours that come naturally Study examples of lean practices, policies, behaviours, and operations Apply lean concepts to both your business and personal life Lean is about being agile, efficient, responsive, productive, and smart. It applies to any and every aspect of life, from the factory floor to your morning routine. The Lean Book of Lean is the quick,

smart guide to employing lean principles every day, so you can start doing more with less.

Digital or Death Dominic M Mazzone 2014-11-03 Digital or Death is the first book on the world of digital strategy that won't bore you to sleep. It takes an entertaining, highly informative real world approach with enough information and energy to get you inspired to innovate. Dominic Mazzone is part digital guru, part comedian, part entrepreneurial titan. He has the uncanny ability to get you thinking in a way you never have before, while creating the motivation you'll need to succeed. If there was a book that could actually increase your drive and expand the creative part of your brain, this is the one. Here's how Digital or Death will change the way you think: • What is Digital Transformation • How to avoid being part of the Digital Die-Off • The Four Pillars of Digital Transformation • How to make Wonder Theory work for you • How to smash your industry through Revolution Delivery • Why every business needs Dynamic Interaction • Make the Strawberry Model and the Christmas Effect part of your business

Leading the Transformation Gary Gruver 2015 "Software is becoming more and more important across a broad range of industries, yet most technology executives struggle to deliver software improvements their businesses require. Leading-edge companies like Amazon and Google are applying DevOps and Agile principles to deliver large software projects faster than anyone thought possible. But most executives don't understand how to transform their current legacy systems and processes to scale these principles across their organizations. Leading the Transformation is an executive guide, providing a clear framework for improving development and delivery. Instead of the traditional Agile and DevOps approaches that focus on improving the effectiveness of teams, this book targets the coordination of work across teams in large organizations -- an improvement that executives are uniquely positioned to lead."--Provided by publisher.

Lean Enterprise Value E. Murman 2016-01-06 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.

Transforming Performance Measurement Dean Spitzer 2007-02-09 It's no secret that you can't improve your organization's performance without measuring it. In fact, every function, unit, process, and the organization as a whole, is built and run according to the parameters and expectations of its measurement system. So you'd better make sure you're doing it right. All too often, performance measurement creates dysfunction, whether among individuals, teams, or across entire divisions and companies. Most traditional measurement systems actually encourage unhealthy competition for personal gain, creating internal conflict and breeding distrust of performance measurement. Transforming Performance Measurement presents a breakthrough approach that will not only significantly reduce those dysfunctions, but also promote alignment with business strategy, maximize cross-enterprise integration, and help everyone to work collaboratively to drive value throughout your organization. Performance improvement thought leader Dean Spitzer explains why performance measurement should be less about calculations and analysis and more about the crucial social factors that determine how well the measurements get used. His "socialization of measurement" process focuses on learning and improvement from measurement, and on the importance of asking such questions as: How well do our measures reflect our business model? How successfully are they driving our strategy? What should we be measuring and not measuring? Are the right people having the right measurement discussions? Performance measurement is a dynamic process that calls for an awareness of the balance necessary between seemingly disparate ideas: the technical and the social aspects of performance measurement. For example, you need technology to manage the flood of data, but you must make sure that it supports the people who will be making decisions and taking action crucial to your organization's success. This book shows you how to design that technical-social balance into

your measurement system. While it is urgent to start taking action now, transforming your organization's performance measurement system will take time. Transforming Performance Measurement gives you assessment tools to gauge where you are now and a roadmap for moving, with little or no disruption, to a more "transformational" and mature measurement system. The book also provides 34 TMAPs, Transformational Measurement Action Plans, which suggest both well-accepted and "emergent" measures (in areas such as marketing, human resources, customer service, knowledge management, productivity, information technology, research and development, costing, and more) that you can use right away. In the end, you get what you measure. If you measure the wrong things, you will take your company farther and farther away from its mission and strategic goals. Transforming Performance Measurement tells you not only what to measure, but how to do it -- and in what context -- to make a truly transformational difference in your enterprise.

The Lean Mindset Mary Poppendieck 2013-09-20 What company doesn't want energized workers, delighted customers, genuine efficiency, and breakthrough innovation? The Lean Mindset shows how lean companies really work--and how a lean mindset is the key to creating stunning products and delivering amazing services. Through cutting-edge research and case studies from leading organizations, including Spotify, Ericsson, Intuit, GE Healthcare, Pixar, CareerBuilder, and Intel, you'll discover proven patterns for developing that mindset. You'll see how to cultivate product teams that act like successful startups, create the kind of efficiency that attracts customers, and leverage the talents of bright, creative people. The Poppendiecks weave lean principles throughout this book, just as those principles must be woven throughout the fabric of your truly lean organization. Learn How To Start with an inspiring purpose, and overcome the curse of short-term thinking Energize teams by providing well-framed challenges, larger purposes, and a direct line of sight between their work and the achievement of those purposes Delight customers by gaining unprecedented insight into their real needs, and building products and services that fully anticipate those needs Achieve authentic, sustainable efficiency without layoffs, rock-bottom cost focus, or totalitarian work systems Develop breakthrough innovations by moving beyond predictability to experimentation, beyond globalization to decentralization, beyond productivity to impact Lean approaches to software development have moved from novelty to widespread use, in large part due to the principles taught by Mary and Tom Poppendieck in their pioneering books. Now, in The Lean Mindset, the Poppendiecks take the next step, looking at a company where multidiscipline teams are expected to ask the right questions, solve the right problems, and deliver solutions that customers love.

Continuous Delivery Jez Humble 2010-07-27 Winner of the 2011 Jolt Excellence Award! Getting software released to users is often a painful, risky, and time-consuming process. This groundbreaking new book sets out the principles and technical practices that enable rapid, incremental delivery of high quality, valuable new functionality to users. Through automation of the build, deployment, and testing process, and improved collaboration between developers, testers, and operations, delivery teams can get changes released in a matter of hours-- sometimes even minutes--no matter what the size of a project or the complexity of its code base. Jez Humble and David Farley begin by presenting the foundations of a rapid, reliable, low-risk delivery process. Next, they introduce the "deployment pipeline," an automated process for managing all changes, from check-in to release. Finally, they discuss the "ecosystem" needed to support continuous delivery, from infrastructure, data and configuration management to governance. The authors introduce state-of-the-art techniques, including automated infrastructure management and data migration, and the use of virtualization. For each, they review key issues, identify best practices, and demonstrate how to mitigate risks. Coverage includes • Automating all facets of building, integrating, testing, and deploying software • Implementing deployment pipelines at team and organizational levels • Improving collaboration between developers, testers, and operations • Developing features incrementally on large and distributed teams • Implementing an effective configuration management strategy •

Automating acceptance testing, from analysis to implementation • Testing capacity and other non-functional requirements • Implementing continuous deployment and zero-downtime releases • Managing infrastructure, data, components and dependencies • Navigating risk management, compliance, and auditing Whether you're a developer, systems administrator, tester, or manager, this book will help your organization move from idea to release faster than ever—so you can deliver value to your business rapidly and reliably.

**The Lean Startup** Eric Ries 2011-09-13 Most startups fail. But many of those failures are preventable. The Lean Startup is a new approach being adopted across the globe, changing the way companies are built and new products are launched. Eric Ries defines a startup as an organization dedicated to creating something new under conditions of extreme uncertainty. This is just as true for one person in a garage or a group of seasoned professionals in a Fortune 500 boardroom. What they have in common is a mission to penetrate that fog of uncertainty to discover a successful path to a sustainable business. The Lean Startup approach fosters companies that are both more capital efficient and that leverage human creativity more effectively. Inspired by lessons from lean manufacturing, it relies on “validated learning,” rapid scientific experimentation, as well as a number of counter-intuitive practices that shorten product development cycles, measure actual progress without resorting to vanity metrics, and learn what customers really want. It enables a company to shift directions with agility, altering plans inch by inch, minute by minute. Rather than wasting time creating elaborate business plans, The Lean Startup offers entrepreneurs—in companies of all sizes—a way to test their vision continuously, to adapt and adjust before it's too late. Ries provides a scientific approach to creating and managing successful startups in an age when companies need to innovate more than ever.

**Project to Product** Mik Kersten 2018-11-20 As tech giants and startups disrupt every market, those who master large-scale software delivery will define the economic landscape of the 21st century, just as the masters of mass production defined the landscape in the 20th. Unfortunately, business and technology leaders are woefully ill-equipped to solve the problems posed by digital transformation. At the current rate of disruption, half of S&P 500 companies will be replaced in the next ten years. A new approach is needed. In Project to Product, Value Stream Network pioneer and technology business leader Dr. Mik Kersten introduces the Flow Framework—a new way of seeing, measuring, and managing software delivery. The Flow Framework will enable your company's evolution from project-oriented dinosaur to product-centric innovator that thrives in the Age of Software. If you're driving your organization's transformation at any level, this is the book for you.

**Lean Enterprise** Jez Humble 2020-07-20 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

**The Nature of Software Development** Ron Jeffries 2015-02-19 You need to get value from your software project. You need it "free, now, and perfect." We can't get you there, but we can help you get to "cheaper, sooner, and better." This book leads you from the desire for value down to the specific activities that help good Agile projects deliver better software sooner, and at a lower cost. Using simple sketches and a few words, the author invites you to follow his path of learning and understanding from a half century of software

development and from his engagement with Agile methods from their very beginning. The book describes software development, starting from our natural desire to get something of value. Each topic is described with a picture and a few paragraphs. You're invited to think about each topic; to take it in. You'll think about how each step into the process leads to the next. You'll begin to see why Agile methods ask for what they do, and you'll learn why a shallow implementation of Agile can lead to only limited improvement. This is not a detailed map, nor a step-by-step set of instructions for building the perfect project. There is no map or instructions that will do that for you. You need to build your own project, making it a bit more perfect every day. To do that effectively, you need to build up an understanding of the whole process. This book points out the milestones on your journey of understanding the nature of software development done well. It takes you to a location, describes it briefly, and leaves you to explore and fill in your own understanding. What You Need: You'll need your Standard Issue Brain, a bit of curiosity, and a desire to build your own understanding rather than have someone else's detailed ideas poured into your head.

**Lean Customer Development** Cindy Alvarez 2017-08-30 How do you develop products that people will actually use and buy? This practical guide shows you how to validate product and company ideas through customer development research—before you waste months and millions on a product or service that no one needs or wants. With a combination of open-ended interviewing and fast and flexible research techniques, you'll learn how your prospective customers behave, the problems they need to solve, and what frustrates and delights them. These insights may shake your assumptions, but they'll help you reach the "ah-ha!" moments that inspire truly great products. Validate or invalidate your hypothesis by talking to the right people Learn how to conduct successful customer interviews play-by-play Detect a customer's behaviors, pain points, and constraints Turn interview insights into Minimum Viable Products to validate what customers will use and buy Adapt customer development strategies for large companies, conservative industries, and existing products

**Lean IT** Steven C Bell 2016-04-19 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

**Remote Team Interactions Workbook** Matthew Skelton 2022-04-26 In the new remote-first and hybrid workplace, many organizations are struggling to catch up with new tooling and ways of working. Many are discovering for the first time that the physical office was covering up poorly defined teams and poorly defined areas of focus, threatening their DevOps transformation efforts and the overall health and success of their business. Matthew Skelton and Manuel Pais, coauthors of the highly successful Team Topologies, provide proven patterns for a successful remote-first approach to teams. Using simple tools for dependency tracking and patterns from Team Topologies, such as the

Team API, organizations will find that well-defined team interactions are key to effective IT delivery in the remote-first world. This workbook explores several aspects of team-first remote work, including: •How the new “remote-first” world is highlighting existing poor team interactions within organizations. •Why organizations should use the Team API pattern to define and communicate the focus of teams. •How organizations can track and remove team-level dependencies. •How and why organizations should design inter-team communications consciously. •How and why organizations can use the three team interaction modes from Team Topologies (collaboration, x-as-a-service, and facilitating) to help. The ideas and patterns presented here will help your organization become more effective with a team-based, remote-first approach to building and running software systems.

**Unlearn: Let Go of Past Success to Achieve Extraordinary Results** Barry O'Reilly 2018-11-27 A transformative system that shows leaders how to rethink their strategies, retool their capabilities, and revitalize their businesses for stronger, longer-lasting success. There's a learning curve to running any successful business. But when leaders begin to rely on past achievements or get stuck in old thinking and practices that no longer work, they need to take a step back—and unlearn. This innovative and actionable framework from executive coach Barry O'Reilly shows leaders how to break the cycle and move away from once-useful mindsets and behaviors that were effective in the past but are no longer relevant in the current business climate and may now stand in the way of success. With this simple but powerful three-step system, leaders can: 1. Unlearn the behaviors and mindsets that keep them and their businesses from moving forward. 2. Relearn the skills, strategies, and innovations that are transforming the world every day. 3. Break through old habits and thinking by opening up to new ideas, perspectives, and resources. Good leaders know they need to continuously learn. But great leaders know when to unlearn the past to succeed in the future. This book shows them the way.

**Lean Enterprise** Jez Humble 2020-07-20 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

**Product Design and Development** Karl T. Ulrich 2003 Treating such contemporary design and development issues as identifying customer needs, design for manufacturing, prototyping, and industrial design, *Product Design and Development*, 3/e, by Ulrich and Eppinger presents in a clear and detailed way a set of product development techniques aimed at bringing together the marketing, design, and manufacturing functions of the enterprise. The integrative methods in the book facilitate problem solving and decision making among people with different disciplinary perspectives, reflecting the current industry trend to perform product design and development in cross-functional teams.

**Agile Innovation** Po Chi Wu 2014-08-28 Find your company's unique innovation style, and nurture it into a powerful competitive advantage Praised by business leaders worldwide, *Agile Innovation* is the authoritative guide to survival and success in today's "innovate-or-die" business world. This revolutionary approach combines the best of Agile with the world's leading methods of Innovation to present a crisp, articulate, and proven system for developing the breakthrough capabilities every organization must master to thrive today and tomorrow. You already know that effective innovation

doesn't happen by accident—it is achieved by careful design. *Agile Innovation* addresses the three critical drivers of innovation success: accelerating the innovation process; reducing the risks inherent in innovation; and engaging your entire organization and your broader ecosystem in the innovation effort. The key frameworks described here build on the proven success of Agile to provide a comprehensive and customizable Innovation Master Plan approach to sustained innovation improvement in the five critical performance areas: strategy, portfolio, process, culture and infrastructure. Major topics include: the power of Agile in the innovation process, how to overcome innovation risk, the best tools to evoke engagement and collaboration, branding as an integral element of innovation, and the best leadership skills and practices that create the special environment that enables transformative growth. Readers will learn specifically how to create better ideas, develop them more efficiently, and work together more profitably and effectively to achieve breakthroughs. The insights offered in this book are highlighted in 11 detailed case studies illustrating the world's best innovation practices at Wells Fargo, Nike, Volvo, Netflix, Southwest Airlines, NASA, The New York Times, and others, in dozens of specific business examples, in two dozen powerful and unique techniques and methods, and a full set of implementation guidelines to put these insights into practice. Key Insights: Understand how to implement the many ways that innovation efforts can be accelerated to achieve even greater competitive advantage Learn to create a culture of innovation, greater engagement, and rich collaboration throughout your organization Discover how to reduce risk and accelerate learning Implement your own unique plan to enhance collaborative innovation, from leadership through operations Integrate key agility principles into your strategic planning decisions for sustained improvement Explore dramatic new approaches to open innovation that optimize large scale innovation Apply the latest and best technology tools to enhance innovation, reduce risk, and promote broad participation. This is a must read book, a practical guide for fostering a culture of innovation, nurturing creativity, and efficiently developing the ideas that drive strategic growth. And since innovation is not imitation, you know that copying the ideas and strategies of other successful organizations will not produce the desired outcomes. Hence, all leaders must develop their own way of innovating and nurture the right style of collaborating for their own organization. This book will guide you to find your own unique pathways to success. Blaze your own trail to the high levels of innovativeness and organizational agility by learning from the expert guidance and practical, actionable advice offered throughout this important book.

**Escape Velocity** Geoffrey A. Moore 2011-09-06 “Read this book to learn how to create a company as powerful as Apple.”—Guy Kawasaki, former chief evangelist of Apple In *Escape Velocity* Geoffrey A. Moore, author of the marketing masterwork *Crossing the Chasm*, teaches twenty-first century enterprises how to overcome the pull of the past and reorient their organizations to meet a new era of competition. The world's leading high-tech business strategist, Moore connects the dots between bold strategies and effective execution, with an action plan that elucidates the link between senior executives and every other branch of a company. For readers of Larry Bossidy's *Execution*, Clay Christensen's *Innovator's Solution*, and Gary Vaynerchuk's *Crush It!*, and for anyone aiming for the pinnacle of business success, *Escape Velocity* is an irreplaceable roadmap to the top.

**Lean Enterprise** Jez Humble 2014-12-04 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 methodologies 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. Adopting Lean will take time and commitment, but it's vital for harnessing the cultural and technical forces that are accelerating the rate of innovation. 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

**Leading Lean** Jean Dahl 2019-12-20 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

**Lean Impact** Ann Mei Chang 2018-10-30 Despite enormous investments of time and money, are we making a dent on the social and environmental challenges of our time? What if we could exponentially increase our impact? Around the world, a new generation is looking beyond greater profits, for meaningful purpose. But, unlike business, few social interventions have achieved significant impact at scale. Inspired by the modern innovation practices, popularized by bestseller *The Lean Startup*, that have fueled technology breakthroughs touching every aspect of our lives, *Lean Impact* turns our attention to a new goal - radically greater social good. Social change is far more complicated than building a new app. It requires more listening, more care, and more stakeholders. To make a lasting difference, solutions must be embraced by beneficiaries, address root causes, and include an engine that can accelerate growth to reach the scale of the need. *Lean Impact* offers bold ideas to reach audacious goals through customer insight, rapid experimentation and iteration, and a relentless pursuit of impact. Ann Mei Chang brings a unique perspective from across sectors, from her years as a tech executive in Silicon Valley to her most recent experience as the Chief Innovation Officer at USAID. She vividly illustrates the book with real stories from interviews with over 200 organizations across the US and around the world. Whether you are a nonprofit, social enterprise, triple bottom line company, foundation, government agency, philanthropist, impact investor, or simply donate your time and money, *Lean Impact* is an essential guide to maximizing social impact and scale.

**From PMO to VMO** Sanjiv Augustine 2021-09-07 When so many enterprises have the strategic goal of maximizing product value to customers, changing their project management office (PMO) into a value management office (VMO) will help them do it. Because of the widespread adoption of agile methods in organizations, there is a rapidly growing shift from a focus on projects to one on products. This shift brings dramatic changes in how organizations manage and deliver not only IT services but their entire product and service value streams. Whatever methodology is being implemented, success at all levels is inextricably linked back to a clear understanding of customer value and customer-driven outcomes across teams. This book shows program and project managers how to maximize their professional relevancy in this new world. They must shift from being program managers to value managers, maximizing value through the entire organization. This book defines the role and skills of the value manager, using case studies and step-by-step guidance to help readers visualize and implement a new path where middle management and the value management office are valued leaders in the age of business agility.

**The Lean Enterprise** Trevor Owens 2014-03-13 #1 Amazon Bestseller in Lean Management Discover the methods of lean startups that can revolutionize large organizations and their products Even in a tough economic climate, the startup business community has found a way to create innovative, game-changing products in shockingly short timeframes. So why should larger, more established companies take notice? Because they have everything to gain when they examine and adopt the strategies, tools, and attitudes of these smaller competitors. *The Lean Enterprise* presents a groundbreaking design for revolutionizing larger organizations, one that draws on the ingenious tenets and practices espoused by the startup community. The guidelines in this book will help companies shake the lethargy, bureaucracy, and power struggles that plague large organizations and hold them back from true innovation. At the heart of this resource is a comprehensive, practical approach based on methods, timetables, compensation, financial investment, and case studies that reveal the startup mentality. Respected thought leaders in lean startup methodologies, the authors cover successful enterprise development, development innovation labs, corporate venture arms, and acquisition and integration of startups. Essential reading for entrepreneurs, product managers, executives and directors in Forbes 2000 organizations, and board members Presents the tools and methodologies large businesses need to compete with a new generation of highly-empowered entrepreneurs Covers lean startup culture and principles and identifies the behaviors that are stunting growth at large enterprises Offers a comprehensive, practical approach for developing exciting products and services and opening vast new markets Don't be mystified by the success of startups. Master the methods of this new generation of entrepreneurs and compete on a level playing field.

**Leading Lean Software Development** Mary Poppendieck 2009-10-21 Building on their breakthrough bestsellers *Lean Software Development* and *Implementing Lean Software Development*, Mary and Tom Poppendieck's latest book shows software leaders and team members exactly how to drive high-value change throughout a software organization—and make it stick. They go far beyond generic implementation guidelines, demonstrating exactly how to make lean work in real projects, environments, and companies. The Poppendiecks organize this book around the crucial concept of frames, the unspoken mental constructs that shape our perspectives and control our behavior in ways we rarely notice. For software leaders and team members, some frames lead to long-term failure, while others offer a strong foundation for success. Drawing on decades of experience, the authors present twenty-four frames that offer a coherent, complete framework for leading lean software development. You'll discover powerful new ways to act as competency leader, product champion, improvement mentor, front-line leader, and even visionary. Systems thinking: focusing on customers, bringing predictability to demand, and revamping policies that cause inefficiency Technical excellence: implementing low-dependency architectures, TDD, and evolutionary development processes, and promoting deeper developer expertise Reliable delivery: managing your biggest risks more effectively, and optimizing both workflow and schedules Relentless improvement: seeing problems, solving problems, sharing the knowledge Great people: finding and growing professionals with purpose, passion, persistence, and pride Aligned leaders: getting your entire leadership team on the same page From the world's number one experts in Lean software development, *Leading Lean Software Development* will be indispensable to everyone who wants to transform the promise of lean into reality—in enterprise IT and software companies alike.

**Beyond Heroes** Kim Barnas 2014-04-29 Hospitals have long relied on the heroics of one brilliant nurse or doctor to save the day. Such heroics often result in temporary workarounds and quick fixes that leave not only patients and quality care at risk, but also increase costs. This is the story of an organization breaking that habit. Like a growing number of healthcare organizations around the world, ThedaCare, Inc. has been using lean thinking and the principles of the Toyota Production System to improve quality of care, reduce waste, and become more reliable. But lean thinking was incompatible with ThedaCare's old top-down, hero-based system of

management. Kim Barnas, former SVP of ThedaCare, shows us how she and her team created a management system that is stable and lean, to spur continuous improvement. *Beyond Heroes* shows the reader, step by step, how ThedaCare teams developed the system, using the stories of its doctors, nurses and administrators to illustrate. The book explores each of the eight essential components of the lean system, from front-line problem solving with the scientific method to daily team huddles and creating standard work for leaders all the way to the top of an organization. Finally, the author introduces four executives from healthcare systems across North America who have implemented ThedaCare's system and share the lessons they learned along the way. *Beyond Heroes* is not just a call to action or an argument for a better healthcare system. It is a necessary roadmap through the rocky terrain ahead, one that healthcare leaders can customize to their special needs.

**Designing Delivery** Jeff Sussna 2015-06-03 Now that we're moving from a product economy to a digital service economy, software is becoming critical for navigating our everyday lives. The quality of your service depends on how well it helps customers accomplish goals and satisfy needs. Service quality is not about designing capabilities, but about making—and keeping—promises to customers. To help you improve customer satisfaction and create positive brand experiences, this pragmatic book introduces a transdisciplinary approach to digital service delivery. Designing a resilient service today requires a unified effort across front-office and back-office functions and technical and business perspectives. You'll learn how make IT a full partner in the ongoing conversations you have with your customers. Take a unique customer-centered approach to the entire service delivery lifecycle Apply this perspective across development, operations, QA, design, project management, and marketing Implement a specific quality assurance methodology that unifies those disciplines Use the methodology to achieve true resilience, not just stability

**Accelerate** Nicole Forsgren PhD 2018-03-27 Winner of the Shingo Publication Award Accelerate your organization to win in the marketplace. How can we apply technology to drive business value? For years, we've been told that the performance of software delivery teams doesn't matter—that it can't provide a competitive advantage to our companies. Through four years of groundbreaking research to include data collected from the State of DevOps reports conducted with Puppet, Dr. Nicole Forsgren, Jez Humble, and Gene Kim set out to find a way to measure software delivery performance—and what drives it—using rigorous statistical methods. This book presents both the findings and the science behind that research, making the information accessible for readers to apply in their own organizations. Readers will discover how to measure the performance of their teams, and what capabilities they should invest in to drive higher performance. This book is ideal for management at every level.

*The Lean Practitioner's Field Book* Charles Protzman 2018-09-03 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 Enterprise Systems** Steve Bell 2005-10-27 Learn 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.

*The Startup Way* Eric Ries 2017-10-17 Entrepreneur and bestselling author of *The Lean Startup*, Eric Ries reveals how entrepreneurial principles can be used by businesses of all kinds, ranging from established companies to early-stage startups, to grow revenues, drive innovation, and transform themselves into truly modern organizations, poised to take advantage of the enormous opportunities of the twenty-first century. In *The Lean Startup*, Eric Ries laid out the practices of successful startups – building a minimal viable product, customer-focused and scientific testing based on a build-measure-learn method of continuous innovation, and deciding whether to persevere or pivot. In *The Startup Way*, he turns his attention to an entirely new group of organizations: established enterprises like iconic multinationals GE and Toyota, tech titans like Amazon and Facebook, and the next generation of Silicon Valley upstarts like Airbnb and Twilio. Drawing on his experiences over the past five years working with these organizations, as well as nonprofits, NGOs, and governments, Ries lays out a system of entrepreneurial management that leads organizations of all sizes and from every industry to sustainable growth and long-term impact. Filled with in-the-field stories, insights, and tools, *The Startup Way* is an essential road map for any organization navigating the uncertain waters of the century ahead.

**Agile and Lean Program Management** Johanna Rothman 2016-02-05 Scale collaboration, not process. If you're trying to use agile and lean at the program level, you've heard of several approaches, all about scaling processes. If you duplicate what one team does for several teams, you get bloat, not delivery. Instead of scaling the process, scale everyone's collaboration. With autonomy, collaboration, and exploration, teams and program level people can decide how to apply agile and lean to their work. Learn to collaborate around deliverables, not meetings. Learn which measurements to use and how to use those

measures to help people deliver more of what you want (value) and less of what you don't want (work in progress). Create an environment of servant leadership and small-world networks. Learn to enable autonomy, collaboration, and exploration across the organization and deliver your product. Scale collaboration with agile and lean program management and deliver your product.

**A Radical Enterprise** Matt K. Parker 2022-02-22 The traditional world of work is in crisis. Today companies have a choice to make. Either they continue down the failure path of business as usual, with its hierarchy of domination and coercion, or they choose a paradigm that has proven superior business performance. In the new book from Matt K. Parker, technology thought leader and organizational architect, he breaks down the four imperatives necessary for businesses to transform into radically collaborative organizations that are able to create and sustain super-engaged workforces with super-competitive results. Discover the radical shift to partnership and equality, and the economic superiority that follows—get radical and out engage, out innovate, and outperform the competition in the new age of knowledge work with A Radical Enterprise.

**Lean-Driven Innovation** Norbert Majerus 2016-03-30 In 2005, Goodyear's research and development (R&D) engine was not performing up to its full potential. The R&D organization developed high-quality tires, but the projects were not always successful. Goodyear embarked on a major initiative to transform its innovation creation processes by learning, understanding, and applying lean product development principles. Within five years, Goodyear saw its product development cycle times slashed by 70 percent, on-time delivery performance rise close to 100 percent, and throughput improve three-fold – all achieved with no increase in the R&D budget. *Lean-Driven Innovation: Powering Product Development at The Goodyear Tire & Rubber Company* describes in great detail how the Goodyear team was able to achieve such significant improvements. Revealing the ups and downs of this successful transformation, the book shares experiences of how this seismic change was managed, how people were engaged, and how Goodyear dramatically reinvigorated its product development and innovation processes—and, in the process, delivered substantial more value to customers and to the company. The book also explains how lean product development helped Goodyear dramatically improve revenue by having every new product available when the market needed it. Presenting wide-ranging perspectives from all levels of leadership, this book is ideal for anyone in R&D daring to take on a lean initiative in R&D or who is struggling with a lean transformation that is not delivering to its full potential. Since the book focuses on universal lean principles, it is as insightful to other manufacturing and nonmanufacturing disciplines in any industry as well. The book presents invaluable insights gained by the author during his 36 years within Goodyear, of which 10 have been directly involved in trying to develop, implement, and sustain lean to achieve the company's business objectives. It distills ideas, practices, failures, and successes into key principles that lean product development practitioners can easily implement. After reading this book, you will gain a practical path for applying lean to the innovation processes of your organization, including where to begin and what to do, regardless of the industry and the status of your transformation. Watch Norbert Majerus discuss *Lean-Driven Innovation* at: <https://youtu.be/yIIJEMJJcyA>

**The Power of Process** Matthew J. Zayko 2021-10-29 *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.

**UX for Lean Startups** Laura Klein 2018-11-16 p>Great user experiences (UX) are essential for products today, but designing one can be a lengthy and expensive process. With this practical, hands-on book, you'll learn how to do it faster and smarter using Lean UX techniques. UX expert Laura Klein shows you what it takes to gather valuable input from customers, build something they'll truly love, and reduce the time it takes to get your product to market. No prior experience in UX or design is necessary to get started. If you're an entrepreneur or an innovator, this book puts you right to work with proven tips and tools for researching, identifying, and designing an intuitive, easy-to-use product. Determine whether people will buy your product before you build it Listen to your customers throughout the product's lifecycle Understand why you should design a test before you design a product Get nine tools that are critical to designing your product Discern the difference between necessary features and nice-to-haves Learn how a Minimum Viable Product affects your UX decisions Use A/B testing in conjunction with good UX practices Speed up your product development process without sacrificing quality