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# **Power Of Six Sigma An Inspiring Tale Of How People Power And Process Power Can Transform The Way We Work An Inspiring Tale Of How Six Sigma Is Transforming The Way We Work**

Demystifying Six SigmaThe McGraw-Hill 36-Hour Course: Lean Six SigmaThe Ice Cream MakerSix Sigma for Small and Mid-sized OrganizationsWhat Is Six Sigma?Six Sigma for ManagersLean Six Sigma for Hospitals: Simple Steps to Fast, Affordable, and Flawless HealthcareThe Six Sigma RevolutionDesign for Six Sigma for ServiceAn Integrated Company-Wide Management SystemLean Six Sigma Project Execution GuideSix Sigma MarketingSix Sigma for Electronics Design and ManufacturingLamikordaThe Six Sigma Way: How to Maximize the Impact of Your Change and Improvement Efforts, Second editionBASICS: Be Always Sure Inputs Create SuccessLean Six Sigma in the Age of Artificial Intelligence: Harnessing the Power of the Fourth Industrial RevolutionLean Six Sigma DemystifiedThe Power of Six SigmaFusion ManagementThe Six Sigma Handbook, Revised and ExpandedLean Six Sigma for ServiceDesign for Six SigmaLean-Six Sigma for HealthcareSix Sigma for IT ManagementThe Power of Ultimate Six SigmaThe Lean Six Sigma Black Belt HandbookSix Sigma for Business Excellence: Approach, Tools and ApplicationsLean Six Sigma for Hospitals: Improving Patient Safety, Patient

Flow and the Bottom Line, Second Edition  
The Power of Six Sigma for Small Business  
Lean Six Sigma Business Transformation For Dummies  
Six Sigma for Sustainability  
Six Sigma For Dummies  
The Power of Design for Six Sigma  
Visual Six Sigma  
Power of Six Sigma  
Leaner Six Sigma  
Six Sigma Case Studies with Minitab  
Lean Six Sigma in Higher Education

## **Demystifying Six Sigma**

Bring the miracle of Lean Six Sigma improvement out of manufacturing and into services Much of the U.S. economy is now based on services rather than manufacturing. Yet the majority of books on Six Sigma and Lean--today's major quality improvement initiatives--explain only how to implement these techniques in a manufacturing environment. Lean Six Sigma for Services fills the need for a service-based approach, explaining how companies of all types can cost-effectively translate manufacturing-oriented Lean Six Sigma tools into the service delivery process. Filled with case studies detailing dramatic service improvements in organizations from Lockheed Martin to Stanford University Hospital, this bottom-line book provides executives and managers with the knowledge they need to:

- Reduce service costs by 30 to 60 percent
- Improve service delivery time by 50 percent
- Expand capacity by 20 percent without adding staff

## **The McGraw-Hill 36-Hour Course: Lean Six Sigma**

"In The Power of Design for Six Sigma, it is several years later and the tables have turned. Now it's Joe's turn to inspire Larry, who is disillusioned at work and wants to turn in a resignation - that is, until his conversation with his old friend."

## **The Ice Cream Maker**

The most comprehensive Six Sigma reference available, now revised and expanded Completely rewritten and reorganized, this second edition of The Six Sigma Handbook covers all the basic statistics and quality improvement tools of the Six Sigma quality management system. This new edition reflects the developments in Six Sigma over the past few years and will help maintain the book's position as the leading comprehensive guide to Six Sigma. Key changes to this edition include: New chapters on DFSS (Design for Six Sigma); Minitab, the most popular statistical software for Six Sigma; Six Sigma philosophy and values; flowcharting; and SIPOC Coverage of the core problem-solving technique DMAIC (Define, Measure, Analyze, Improve, Control) Dozens of downloadable, customizable Six Sigma work sheets New material on important advanced Six Sigma tools such as FMEA (Failure Mode and Effects Analysis)

## **Six Sigma for Small and Mid-sized Organizations**

If a company changes a design after a product launch-and not during the concept stage-implementing the changes will cost 1,000 times more. Six Sigma, the near-perfect rate of only 3.4 defects per million opportunities and the management strategy to which Jack Welch attributes GE's phenomenal success-is on the list of all successful organizations. Even with excellent Six Sigma implementation, most companies are able to achieve only Five Sigma, which is not enough in today's ultracompetitive marketplace. For the first time, leading quality expert and author Subir Chowdhury presents Design For Six Sigma (DFSS), a revolutionary five-step process that takes a company all the way to Six Sigma.

### **What Is Six Sigma?**

This book illustrates the integration of both Lean and Six Sigma as a process excellence methodology which can be utilized in Higher Education environments for achieving and sustaining world class efficiency and effectiveness. It showcases various studies carried out by leading research scholars, academics and practitioners.

### **Six Sigma for Managers**

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Use your next three-day weekend to develop valuable Lean Six Sigma skills. With the integration of Lean and Six Sigma, businesses have a potent tool in the never-ending drive to deliver top-quality service and products. But you don't need to be a Black Belt to build quality and efficiency into all areas of your operation; you just need *The McGraw-Hill 36-Hour Course: Lean Six Sigma*. Sheila Shaffie and Shahbaz Shahbazi, leading Six Sigma experts and trainers, put you on the fast track to Lean Six Sigma expertise. Featuring a detailed overview of Lean and Six Sigma methodologies and case studies that demonstrate how to incorporate these principles, this guide will teach you how to:

- Deliver consistent customer service
- Reduce operational cost and risk
- Build and sustain a culture of continuous improvement

Complete with exercises, self-tests, and an online final exam, *The McGraw-Hill 36-Hour Course: Lean Six Sigma* lets you energize your organization with the power of today's biggest breakthrough in business process improvement.

### **Lean Six Sigma for Hospitals: Simple Steps to Fast, Affordable, and Flawless Healthcare**

The Definitive Work on Six Sigma—Revised and Fully Updated Upon its publication in 2000, *The Six Sigma Way* was among the very first books to clearly explain the impressive benefits of Six Sigma's improvement-driven and customer-centric approach to business leaders and managers. It revealed how GE, Motorola, and

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other companies used Six Sigma to fine-tune products and processes, improve performance, reduce costs, build customer loyalty, and increase profits. Corporate leaders around the world heeded the call and began implementing the tools of this world-changing performance improvement. In short, this book changed the world of business and organization improvement forever. Now, this author dream team has revisited the subject to bring you fully up to date about how Six Sigma has been used—for better and for worse—during the past 14 years. This new edition of *The Six Sigma Way* retains everything from the original classic— what Six Sigma is, how it works, and how to adapt it to your particular needs—while providing valuable new sections on lessons learned and setting the record straight regarding myths and misunderstandings perpetuated over the years. This all-in-one guide provides: Practical Six Sigma implementation guidelines anyone can understand New insights from managers who successfully applied the advice from the first edition Detailed case studies from such companies as Adobe, Macy's, and Starwood Hands-on “maps” that guide you through key decisions you must make The definitive guide to successfully implementing Lean Six Sigma approaches into any organization is essential for any manager who wants to stop thinking about building a continuous improvement culture—and actually make it happen. Business has changed dramatically in recent years. Being second best used to be an option; today, being the best is the only way to survive. Take charge of your company's future and make positive changes *The Six Sigma Way*.

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## **The Six Sigma Revolution**

Use Lean Six Sigma to transform your business. Lean Six Sigma is a powerful method for improving both the efficiency and quality of projects and operations. In this new book, the team that brought you Lean Six Sigma For Dummies shows you how to take Lean Six Sigma to the next level and manage continual change in your organization. You'll learn to design a roadmap for transformation that's tailored to your business objectives; develop and implement processes that eliminate waste and variation across the company; synchronize your supply chain; and successfully deploy Lean Six Sigma over time. Lean Six Sigma Business Transformation For Dummies shows you how to: Define your transformation objectives and create a bespoke 'Transformation Charter' for your organization. Assess your company's readiness for transformation. Establish a 'Transformation Governance System' to help you manage the transformation programme effectively. Bring your people with you! Plan and achieve the cultural change needed to make the transformation process successful. Join up the dots between planning and effective execution with Strategy Deployment. Deploy a 'Continuous Improvement' toolkit to achieve everyday operational excellence. Sustain the transformation programme and widen the scope across the organization (including deploying to the supply chain). Adopt a 'Capability Maturity Approach' to drive business improvement - recognizing that change is a continuous transformational journey, just as pioneers like Toyota have done. Use a range of Lean Six Sigma

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Tools - using the right tools, at the right time (and in the right order!) enables continuous improvement by eliminating waste and process variation.

## **Design for Six Sigma for Service**

Many smaller and mid-sized corporations can benefit from Six Sigma methods but are struggling with how to deploy them on the scale suitable for their organizations. This book delineates the leadership, strategy, implementation planning, execution, integration, and performance measurement issues that are universal to all organizations. It is a practical "give me the answers quick" Six Sigma guide for smaller businesses. Terence T. Burton is Founder and President of The Center for Excellence in Operations, Inc. He has over 30 years of experience in operations. Jeff L. Sams is Director of North American Operations for Casco Products, a Unit of Sequa Corporation. He is also a Six Sigma Master Blackbelt.

## **An Integrated Company-Wide Management System**

The Alplai have lived in peace and prosperity for centuries, spreading beyond their homeworld's single continent into floating cities on its vast oceans, and colonizing the planets and moons of their solar system. Now, a massive alien vessel has come, carrying over a million colonists in cryogenic stasis from a devastated



world. Ganak, the recently appointed Commissioner for Space Exploration, advocates that the Terai be allowed to settle in the newly prepared Eastern Sector of the planet Totrana. The proposal is approved, and the avian-descended Alplai work with this strange mammalian species to help them build a new home. But not all the Alplai welcome these creatures. Many are concerned about their warlike past, and when a new disease erupts on Totrana, the aliens are quickly blamed. Despite their contributions, the Terai face discrimination and harassment. How far can Ganak use his influence to help, and what leaders will emerge amongst them as they strive to build a new life?

## **Lean Six Sigma Project Execution Guide**

DELIVER FASTER, BETTER, AND CHEAPER HEALTHCARE IN AS FEW AS FIVE DAYS 4 STAR DOODY'S REVIEW! "The main purpose is to present simple steps to help hospitals start getting faster, better, and cheaper in five days or less while achieving the goal of fast, affordable, and flawless healthcare. Healthcare has many opportunities for improvement and the use of Lean Six Sigma concepts can make a dramatic impact. This book provides the basic information to do that."--Doody's Review Service Lean Six Sigma for Hospitals: Simple Steps to Fast, Affordable, Flawless Healthcare explains how to use tested Lean Six Sigma methods and tools to rapidly improve hospital operations and quality of care and reduce costs. These proven strategies follow the patient from the front door of the

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hospital or emergency room all the way through discharge, examining key aspects of patient flow and quality. The trail of billing and collections is also followed to discover and eliminate cash flow leaks. This practical guide emphasizes both the clinical and operational sides to reduce the "three demons of quality"--delay, defects, and deviation. Real-world case studies from major hospitals illustrate successful implementations of Lean Six Sigma. Coverage Includes: Achieving a faster, better hospital in five days--emergency department, door-to-balloon time, operating room, medical imaging, lab, nursing unit, clinical staff, pharmacy, order accuracy, diagnosis, ICU Lean for accelerated patient flow Reducing medical errors with Six Sigma Creating a more profitable hospital in five days by reducing denied, rejected, and appealed claims Six Sigma for hospitals Excel power tools for Lean Six Sigma Identifying improvement projects through data mining and analysis Sustaining improvement using control charts Laser-focused process innovation Statistical tools for Lean Six Sigma Implementing Lean Six Sigma

## **Six Sigma Marketing**

Simple Steps to Improve Patient Safety, Patient Flow and the Bottom Line A Doody's Core Title for 2020! This thoroughly revised resource shows, step-by-step, how to simplify, streamline, analyze, and optimize healthcare performance using tested Lean Six Sigma and change management techniques. Lean Six Sigma for Hospitals, Second Edition, follows the patient from the front door of the hospital or

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emergency room all the way through discharge. The book fully explains how to improve operations and quality of care while dramatically reducing costs—often in just five days. Real-world case studies from major healthcare institutions illustrate successful implementations of Lean Six Sigma. Coverage includes:

- Lean Six Sigma for hospitals, emergency departments, operating rooms, medical imaging facilities, nursing units, pharmacies, and ICUs
- Patient flow and quality
- Clinical staff
- Order and claims accuracy
- Billing and collection
- Defect and medical error reduction
- Excel power tools for Lean Six Sigma
- Data mining and analysis
- Process flow charts and control charts
- Laser-focused process innovation
- Statistical tools for Lean Six Sigma
- Planning and implementation

## **Six Sigma for Electronics Design and Manufacturing**

### **Lamikorda**

Fusion Management cuts through the confusion and hype surrounding Six Sigma, TQM, and other high-profile quality initiatives. Authoritative global quality guru Stanley Marash draws on more than 40 years of experience to reveal how and why many of these initiatives fail, and discusses which elements of each have proven over time to be most effective. He then shows managers and executives

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how to integrate these elements into an innovative quality program, one that is certain to improve their organizations' quality, competitiveness, and profitability.

## **The Six Sigma Way: How to Maximize the Impact of Your Change and Improvement Efforts, Second edition**

A Six Sigma pioneer from Jack Welch's original team at GE shows you how to bring big improvements to your small business. Six Sigma for Small Business is the first book to apply six sigma to the unique challenges of a small business. It shows how to use the methodology in all aspects of business to identify and fix problems, with chapters on: accounting, finance, sales and marketing, purchasing a business, human resources, and developing new products. It walks you through a step-by-step implementation of six sigma, describing how to identify needs, develop metrics, and set objectives. It also provides real-life examples of small-business six sigma success stories.

## **BASICS: Be Always Sure Inputs Create Success**

Six Sigma for Business Excellence: Approach, Tools, and Applications, based on the author's first-hand experience in quality engineering, provides a comprehensive coverage of the Six Sigma methodology. This book provides the complete study

material for students taking the certified Six Sigma Black Belt and Green Belt examinations conducted internationally by the American Society for Quality (ASQ). At the same time, it adequately fills the need of management professionals with numerous application examples and case studies providing an insight into the practical aspect of implementing Six Sigma tools. The book begins with providing an overview of the evolution of Six Sigma, explains the basic concepts and then takes the readers step by step through the process. The focus is more on enabling the implementation of the Six Sigma tools by providing illustrations, tables, application examples, and templates as well as Minitab and Excel data files for project work and exercises in the soft form on a CD accompanying the book. The templates carried in the book include the Sigma calculator, Six Sigma project review checklist, process mapping, confidence intervals, hypothesis tests, project charter, and measurement systems analysis (Gauge R & R Study). The CD also contains a 30-day trial version of the Minitab and SigmaXL software programs.

## **Lean Six Sigma in the Age of Artificial Intelligence: Harnessing the Power of the Fourth Industrial Revolution**

This book offers a comprehensive guide to implementing a company-wide management system (CWMS), utilising up-to-date methodologies of lean-six sigma in order to achieve high levels of business excellence. It builds the foundation for

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quality and continuous improvement, which can be implemented in any organization. The book begins with an introduction to and an overview of CWMSs, and reviews the existing literature on various management systems. It then discusses the integration and implementation of lean-six sigma in supply chain management. The integration approach presented highlights the link between the existing management systems and shows how continuous improvement methodologies are incorporated. The book then examines the components of CWMS, comparing them to other systems. It also explores Kano-based six sigma and concludes with further recommendations for reading. This book covers five management systems integrated into one novel approach that can be followed by organizations wishing to achieve quality and business excellence. Covering lean-six sigma – an essential element of management systems – it is a valuable resource for practitioners and academics alike.

## **Lean Six Sigma Demystified**

Note: This book is available in several languages: Chinese, English. This is the first book to provide a coherent view and guidance for using the Six Sigma approach successfully in IT service organisations. It particularly aims to merge ITIL and Six Sigma into a single approach for continuous improvement of IT service organisations. Six Sigma provides a quantitative methodology of continuous (process) improvement and cost reduction, by reducing the amount of variation in

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process outcomes. The production of a product, be it a tangible product like a car or a more abstract product like a service, consists of a series of processes. All processes consist of a series of steps, events, or activities. Six Sigma measures every step of the process by breaking apart the elements within each process, identifying the critical characteristics, defining and mapping the related processes, understanding the capability of each process, discovering the weak links, and then upgrading the capability of the process. It is only by taking these steps that a business can raise the 'high-water mark' of its performance. IT is now a fundamental part of business and business processes; this book demonstrates how IT can be made to work as an enabler to better business processes, and how the Six Sigma approach can be used to provide a consistent framework for measuring process outcomes. ITIL defines the 'what' of Service Management; Six Sigma defines the "how" process improvement; together they are a perfect fit of improving the quality of IT service delivery and support. The Six Sigma approach also provides measures of process outcomes, and prescribes a consistent approach in how to use these metrics.

## **The Power of Six Sigma**

## **Fusion Management**

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The fast and easy way to understand and implement Six Sigma The world's largest and most profitable companies—including the likes of GE, Bank of America, Honeywell, DuPont, Samsung, Starwood Hotels, Bechtel, and Motorola—have used Six Sigma to achieve breathtaking improvements in business performance, in everything from products to processes to complex systems and even in work environments. Over the past decade, over \$100 billion in bottom-line performance has been achieved through corporate Six Sigma programs. Yet, despite its astounding effectiveness, few outside of the community of Six Sigma practitioners know what Six Sigma is all about. With this book, Six Sigma is revealed to everyone. You might be in a company that's already implemented Six Sigma, or your organization may be considering it. You may be a student who wants to learn how it works, or you might be a seasoned business professional who needs to get up to speed. In any case, this updated edition of Six Sigma For Dummies is the most straightforward, non-intimidating guide on the market. New and updated material, including real-world examples What Six Sigma is all about and how it works The benefits of Six Sigma in organizations and businesses The powerful "DMAIC" problem-solving roadmap Yellow, Green and Black—how the Six Sigma "belt" system works How to select and utilize the right tools and technologies Speaking the language of Six Sigma; knowing the roles and responsibilities; and mastering the statistics skills and analytical methods Six Sigma For Dummies will become everyone's No. 1 resource for discovering and mastering the world's most famous and powerful improvement tool. Stephen Covey is spot-on when he says,



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"Six Sigma For Dummies is a book to be read by everyone."

## **The Six Sigma Handbook, Revised and Expanded**

Although Lean and Six Sigma appear to be quite different, when used together they have shown to deliver unprecedented improvements to quality and profitability. The Lean Six Sigma Black Belt Handbook: Tools and Methods for Process Acceleration explains how to integrate these seemingly dissimilar approaches to increase production speed while decreasing variations and costs in your organization. Presenting problem-solving tools you can use to immediately determine the sources of the problems in your organization, the book is based on a recent survey that analyzed Six Sigma tools to determine which are the most beneficial. Although it focuses on the most commonly used tools, it also includes coverage of those used a minimum of two times on every five Six Sigma projects. Filled with diagrams of the tools you'll need, the book supplies a comprehensive framework to help you for organize and process the vast amount of information currently available about Lean, quality management, and continuous improvement process applications. It begins with an overview of Six Sigma, followed by little-known tips for using Lean Six Sigma (LSS) effectively. It examines the LSS quality system, its supporting organization, and the different roles involved. Identifying the theories required to support a contemporary Lean system, the book describes the new skills and technologies that you need to master to be certified at the Lean Six

Sigma Black Belt (LSSBB) level. It also covers the advanced non-statistical and statistical tools that are new to the LSSBB body of knowledge. Presenting time-tested insights of a distinguished group of authors, the book provides the understanding required to select the solutions that best fit your organization's aim and culture. It also includes exercises, worksheets, and templates you can easily customize to create your own handbook for continuous process improvement. Designed to make the methodologies you choose easy to follow, the book will help Black Belts and Senseis better engage their employees, as well as provide an integrated and visual process management structure for reporting and sustaining continuous improvement breakthroughs and initiatives.

## **Lean Six Sigma for Service**

Aimed at every member of an organization, this fictionalized tale simplifies a complicated topic and, through the dialogue between Joe and Larry, explains the way Six Sigma works in a non-threatening, easy-to-understand way. The road to increased profits, and improved efficiency, quality, and productivity, does not begin with a new management strategy. It all begins with acceptance. This book is an accessible guide to one of the biggest management philosophies of the decade. It makes the Six Sigma phenomenon accessible to everyone, from entrepreneurs to managers, from multi-national CEOs to assembly-line workers.

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## **Design for Six Sigma**

Since the 1980s, Lean and Six Sigma have been used independently to make existing processes better, faster and more cost effective. For almost twenty years, countless companies have embraced the power of blending the two process improvement methodologies. This has resulted in major financial successes throughout the world, but no one denies that we have learned a lot in the last two decades. Just in time to meet the challenges we will experience in 2020, and beyond, SSD Global Solutions has introduced Leaner Six Sigma (LrSS). LrSS makes the concepts and tools within these two popular methodologies easier and quicker to understand. Regardless, if you plan to take an industry-standard exam or simply want to apply critical-thinking and problem-solving models to your daily life, this book helps you rapidly navigate your path. Originally, to steer our way through traditional Six Sigma, it was necessary to understand complicated statistics. Then, with Lean, the heavy emphasis on manufacturing made it difficult to apply theories to the service sector. After the combination of Lean and Six Sigma became widespread, many of the core concepts still involved understanding historical references. Fast-forward, we now have spreadsheet-based calculators and programs that build charts and graphs in a couple of clicks. Many "Best Practices" have been established which allows for process improvements without re-inventing the wheel. Over the years, talented subject matter experts and practitioners have discovered useful shortcuts to make Lean Six Sigma, Leaner. This groundbreaking

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work shows how LrSS reduces the learning curve for those unfamiliar with quality initiatives. It streamlines the fundamentals for students wanting to take exams in Lean, Six Sigma or Lean Six Sigma. LrSS also provides the mature Lean Six Sigma practitioner, innovative techniques to explain Lean Six Sigma theories to the new user. Lean Six Sigma has served us well, but it is time to utilize all the lessons learned and software tools available today. It is time to embrace next-generation thinking with Leaner Six Sigma! Terra Vanzant Stern, PhD is also the author of Lean and Agile Project Management: How to Make Any Project Better, Faster, and More Cost Effective.

## **Lean-Six Sigma for Healthcare**

PROVEN STRATEGIES FOR CREATING CORPORATE SUSTAINABILITY PROGRAMS Co-written by Six Sigma Black Belts and LEED Accredited Professionals, this pioneering guide reveals how to use the power of Six Sigma to develop and implement enterprise-wide green initiatives. Six Sigma Sustainability explains how typical Six Sigma DMAIC structures such as program governance, project charters, transfer functions, measurement systems, risk assessment, and process design support environmentally sound business practices. Real-world examples demonstrate how specific problems in areas such as carbon emissions, energy conservation, materials recycling, water use, and finance can be solved using Six Sigma tools. The detailed information in this practical resource helps you to deliver innovative

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programs that simultaneously reduce environmental impact and create business value. COVERAGE INCLUDES: Developing the business case for necessary investments in sustainability Sustainability leadership and the collaborative management model Applying the Six Sigma transfer function framework to identify critical drivers of success Sustainability measurement and reporting Designing a change management strategy and leveraging teams using the Six Sigma DMAIC framework Managing corporate real estate portfolios in compliance with green initiatives Case studies that show how to use Six Sigma methodologies to improve sustainability functions Design for Six Sigma--using the House of Quality and other essential Six Sigma design tools Stakeholder management--best practices for driving adoption of high quality solutions

## **Six Sigma for IT Management**

Applying this revolutionary management strategy to drive positive change in an organization Currently exploding onto the American business scene, the Six Sigma methodology fuels improved effectiveness and efficiency in an organization; according to General Electric's Jack Welch, it's the "most important initiative [they] have ever undertaken." Written by the consultant to GE Capital who helped implement Six Sigma at GE and GE's General Manager of e-Commerce, Making Six Sigma Last offers businesses the tools they need to make Six Sigma work for them--and cultivate long-lasting, positive results. Successful Six Sigma occurs

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when the technical and cultural components of changebalance in an organization; this timely, comprehensive book is devoted to the cultural component of implementing Six Sigma, explaining how to manage it to maintain that balance. The authors address how to create the need for Six Sigma; diagnose the four types of resistance to Six Sigma and how to overcome them; manage the systems and structures; and lead a Six Sigma initiative. This book applies the Six Sigma approach to business operations across the organization--unlike other titles that focus on product development. Plus, it provides strategies, tactics, and tools to improve profitability by centering on the relationship between product defects and product yields, reliability, costs, cycle time, and schedule. George Eckes (Superior, CO) is the founder and principal consultant for Eckes & Associates. His clients include GE Capital, Pfizer, Westin, Honeywell, and Volvo. Eckes has published numerous papers on the topic of performance improvement and is the author of *The Six Sigma Revolution: How General Electric and Others Turned Process into Profits* (0-471-38822-X) (Wiley).

## **The Power of Ultimate Six Sigma**

## **The Lean Six Sigma Black Belt Handbook**

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When an entire organization is reaching the highest quality standards, the result is a Six Sigma culture.

## **Six Sigma for Business Excellence: Approach, Tools and Applications**

A brief introduction to Six Sigma for employees Six Sigma is today's most talked-about system for improving the quality of organizational processes. Written by bestselling author Peter Pande, *What Is Six Sigma?* is a concise summary of the core themes and processes of Six Sigma. Unlike almost all other books on Six Sigma, it is written for the employees of organizations rolling out Six Sigma not just managers. This helpful overview describes what Six Sigma is, why companies are implementing it, and how employees can make it a success in their own organizations. Based on the bestselling *The Six Sigma Way*, this accessible introduction to Six Sigma answers typical employee questions, concerns, and even skepticism about this revolutionary program. Includes: The six themes of Six Sigma A five-step roadmap to Six Sigma implementation The 10 basic tools of Six Sigma, with an entire page devoted to each

## **Lean Six Sigma for Hospitals: Improving Patient Safety, Patient Flow and the Bottom Line, Second Edition**

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Never before has a business initiative transformed corporations so dramatically. While it has been credited with improving productivity, slashing costs, and improving profit margins, it can cause much angst among employees who need to change the way they currently work and adhere to a new philosophy. That's where characters Joe and Larry step in to deliver *The Power of Six Sigma*. This fictionalized tale simplifies a complicated topic through the lives of two typical business professionals. Contrary to other books on the subject, *The Power of Six Sigma* explains the overall philosophy of Six Sigma effectively in a nonthreatening way, taking no more than two hours to read.

### **The Power of Six**

The primary objective of this new book is to provide a comprehensive reference for those who work in a service industry setting. Unlike *Design for Six Sigma a Roadmap for Product Development*, this new book will address the 5 leading issues in the service industry, which are customer satisfaction, cost reduction, value improvement, change management and process performance measurements.

### **Six Sigma for Small Business**

Visual Six Sigma Second Edition will include a new chapter on data quality and its



preparation for analysis, which is perhaps the greatest challenge to analysts. It consists of six case studies that will be updated and streamlined to include new features available in JMP 11 and JMP 11 Pro. All screen captures will reflect the new JMP interface and to improve their quality and presentation.

## **Lean Six Sigma Business Transformation For Dummies**

One of Six Sigma OCOs founding fathers shares his trademarked process for ensuring total quality."

## **Six Sigma for Sustainability**

Six Sigma for Managers is a practical overview on how to implement Six Sigma practices in everyday business. Emphasizing straightforward explanations instead of complex charts and statistics, it shows managers how to map processes, measure smart, and follow other Six Sigma principles.

## **Six Sigma For Dummies**

\* Covers the nuts, bolts, and statistics of implementing Six Sigma in electronics manufacturing--includes case studies and detailed calculations

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## **The Power of Design for Six Sigma**

The world's leading expert on Lean Six Sigma provides the missing link for reducing waste and taking operations to the next level: Artificial Intelligence "Whatever the industry, there is an executive with the grit and determination to apply AI to attain the fastest growth, the highest investment returns, to dominate that industry. The only question is: will it be you?" -from Lean Six Sigma in the Age of Artificial Intelligence Combine the power of AI and LSS to seize the competitive advantage—quickly, decisively, and permanently Since 2001, business leaders have been using Lean Six Sigma (LSS) to drive improvements across industries, enabling their companies to reduce cycle time and waste, thus improving revenue and profits. Now they can finally unlock their company's full potential by combining LSS and AI. In Lean Six Sigma in the Age of Artificial Intelligence, the world's most respected expert on LSS, Michael L. George, Sr., shows how to harness the power of the technology that promises changing everything as we know it—Artificial Intelligence—to dramatically enhance any LSS management program. This game-changing guide takes you through the process of using AI to unlock maximum speed, solve complex manufacturing challenges, reduce waste, increase company profits, and ultimately outflank your competition at every turn. With Lean Six Sigma in the Age of Artificial Intelligence, you'll take this revolutionary approach to its limits—and that will make all the difference between business success and failure in the coming decades.

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## **Visual Six Sigma**

Innovation, claims quality consultant Subir Chowdhury, is part of America's DNA. No other country in the world matches America's creative drive and its ability to turn innovative ideas into revolutionary products—from antilock brakes and steel-belted radial tires to sophisticated software and microprocessors. But as fast as we introduce new products, we lose the markets we establish to countries that know how to manufacture higher quality versions for less money. As Japanese and European firms win market share by concentrating on quality, America is continually forced to rely on innovation to stay ahead. In *The Ice Cream Maker*, Chowdhury uses a simple story to illustrate how businesses can instill quality into our culture and into every product we design, build, and market. The protagonist of the story is Peter Delvecchio, the manager of a regional ice cream company, who is determined to sell its ice cream to a flourishing national grocery chain, Natural Foods. In conversations with the Natural Foods manager, Peter learns how the extraordinarily successful retailer achieves its renowned high standard of excellence, both in the services it provides its customers and in the foods it manufactures and sells. Quality, he discovers, must be the mission of every employee; by learning to listen, enrich, and optimize, he can encourage and sustain the highest levels of quality in everything the company does. Like *Fish!* and *Who Moved My Cheese?* *The Ice Cream Maker* offers an essential and universal lesson about one of industry's foremost challenges in a thoroughly engaging style.

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For managers and executives, small business owners and entrepreneurs, The Ice Cream Maker is a compelling, eye-opening guide to the most effective ways to achieve excellence and become industry leaders on the global stage.

## **Power of Six Sigma**

The BASICS Handbook is designed to show personnel at all levels within a manufacturing operations environment that, with easy to understand continuous improvement tools, they can make a difference to operational performance where safety, quality, cost, delivery, and people are paramount to business success. The tools and techniques throughout, based upon examples from the author's experience, demonstrate that no matter what industry, they can bring the desired added value. This book will help any manufacturing shop floor add value in terms of quality/cost and delivery performance. It will also show how using tools and techniques from the "coal face" out will improve process performance by using simple data collection and measurement – not only on outputs, but just as importantly on "critical to quality inputs" such as process parameters and their processing windows – to deliver the desired output KPIs. The power and confidence that this gives to local experts and processing teams enable them to make informed decisions, preventing drifts and non-conforming product: prevention being better than cure. The result of these changes is a tangible cultural impact on the shop floor, raising the level at which operating teams work and improving

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morale. BASICS will enable staff at all levels to understand their performance measures and produce sustainable results. The book contains practical tools, methods, and techniques that have been tried and tested by the author over a successful 30-year career as a contractor transforming variable processing and inconsistent KPI results.

## **Leaner Six Sigma**

Typical Lean Six Sigma training takes 10 to 20 days at costs ranging from \$5,000 to \$40,000 per person

## **Six Sigma Case Studies with Minitab**

What happens when one of the most widely used quality improvement methodologies meets the world's leading statistical software for quality improvement? Packed with case studies in a variety of sectors, including health care, manufacturing, airlines, and fast food restaurants, Six Sigma Case Studies with Minitab shows you how to maximize the quality

## **Lean Six Sigma in Higher Education**

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The second book of the #1 New York Times bestselling I Am Number Four series! In the beginning, nine aliens left their home planet Lorien when it fell under attack by the evil Mogadorians. They scattered on Earth and went into hiding. They look like ordinary teenagers but have extraordinary powers. The Mogs have come for them. They killed Number One in Malaysia, Number Two in England, and Number Three in Kenya. They tried to get John Smith, Number Four, in Ohio—but they failed. Now John has joined forces with Number Six, and they are on the run. But they are not alone. Already John and Six have inspired Marina, Number Seven, who has been hiding in Spain. She's been following the news of what's happening, and she's certain this is the sign she's been waiting for. It's time to come together. Michael Bay, director of Transformers, raved: "Number Four is a hero for this generation." This epic story is perfect for fans of action-packed science fiction like The Fifth Wave series by Rick Yancey, The Maze Runner series by James Dashner, and Orson Scott Card's Ender's Game. The battle for Earth's survival wages on. Don't miss the rest of the series: #3: The Rise of Nine, #4: The Fall of Five, #5: The Revenge of Seven, #6: The Fate of Ten, and #7: United as One. Don't miss the first book in the brand-new I Am Number Four spin-off series: Generation One.

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