



Measuring and Improving Performance: Information Technology Applications in Lean Systems

By James William Martin



Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin

As a pioneer in Lean improvement methods, Jim Martin was among the first to suggest that truly successful Lean initiatives are those applied across every facet of an organization, not just on the shop floor. Building on this concept, Martin demonstrates that one of the most effective ways to implement operational improvements across an organization is to approach it through the resource that permeates every facet of a modern organization?information technology.

Measuring and Improving Performance: Information Technology Applications in Lean Systems explains how the effective use of Lean project management methodologies can increase the productivity of information system deployment in service and manufacturing organizations. Starting with an overview of Lean and agile project management principles, the author walks readers through the implementation of Lean practices across key aspects of IT systems.

Created to provide Lean and Six Sigma practitioners with a clear understanding of the important concepts related to the creation and modification of software to support process improvement activities across Lean systems, this reference book:

- Details how to apply Lean principles to IT systems on a global scale
- Explains how to design IT systems capable of meeting evolving customer needs and expectations
- Covers several project management methods including agile project management (APM), agile unified process (AUP), SCRUM, extreme programming (EP)
- Identifies the operational issues that can help project execution and those that can hinder it

Complete with roadmaps and checklists, this book will help busy IT and Lean

professionals discover more efficient ways to monitor business activity, gather business intelligence, manage and analyze business processes, and ultimately?increase overall operational efficiency.

 [Download Measuring and Improving Performance: Information T ...pdf](#)

 [Read Online Measuring and Improving Performance: Information ...pdf](#)

Measuring and Improving Performance: Information Technology Applications in Lean Systems

By James William Martin

Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin

As a pioneer in Lean improvement methods, Jim Martin was among the first to suggest that truly successful Lean initiatives are those applied across every facet of an organization, not just on the shop floor. Building on this concept, Martin demonstrates that one of the most effective ways to implement operational improvements across an organization is to approach it through the resource that permeates every facet of a modern organization?information technology.

Measuring and Improving Performance: Information Technology Applications in Lean Systems explains how the effective use of Lean project management methodologies can increase the productivity of information system deployment in service and manufacturing organizations. Starting with an overview of Lean and agile project management principles, the author walks readers through the implementation of Lean practices across key aspects of IT systems.

Created to provide Lean and Six Sigma practitioners with a clear understanding of the important concepts related to the creation and modification of software to support process improvement activities across Lean systems, this reference book:

- Details how to apply Lean principles to IT systems on a global scale
- Explains how to design IT systems capable of meeting evolving customer needs and expectations
- Covers several project management methods including agile project management (APM), agile unified process (AUP), SCRUM, extreme programming (EP)
- Identifies the operational issues that can help project execution and those that can hinder it

Complete with roadmaps and checklists, this book will help busy IT and Lean professionals discover more efficient ways to monitor business activity, gather business intelligence, manage and analyze business processes, and ultimately?increase overall operational efficiency.

Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin Bibliography

- Sales Rank: #3836544 in Books
- Brand: Brand: CRC Press
- Published on: 2009-08-26

- Original language: English
- Number of items: 1
- Dimensions: 9.30" h x .80" w x 6.00" l, 1.10 pounds
- Binding: Hardcover
- 280 pages

 [Download Measuring and Improving Performance: Information T ...pdf](#)

 [Read Online Measuring and Improving Performance: Information ...pdf](#)

Download and Read Free Online Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin

Editorial Review

From the Author

Busy professionals are bombarded by a multitude of complicated books describing the deployment and management of information technology (IT) projects. Many of these books are similar and heavily focused on tools and methods rather than concepts. Also, there is a general absence of higher level concepts which may impact project execution in unexpected ways, both good and bad. *Measuring and Improving Performance: Information Technology Applications in Lean Systems* provides a brief, but sophisticated discussion of the latest methods of information technology (IT) project management. This discussion integrates and maps a process focus approach such as workflow management with a platform based approach in manufacturing and service industries.

Measuring and Improving Performance: Information Technology Applications in Lean Systems explains how the effective use of Lean project management methods can increase productivity of information system deployment in service and manufacturing organizations. It is targeted towards project managers and executives in information technology (IT) to help them improve team productivity using Lean methods. The book identifies common and not so common operational issues which can help or hinder project execution. The focus is on the deployment of Lean methods to more effectively design IT systems related to workflow management (WM), enterprise application Integration (EAI), business activity monitoring (BAM), business intelligence (BI), business process modeling and analysis (BMA), business process management (BPM) and business process management suite (BPMS) systems and their major components. The book also demonstrates how the deployment of IT projects and their resultant information technology platforms are impacted both positively and negatively by Lean project management methods. This discussion will use concepts taken from queuing theory, psychology, group dynamics, workflow design as well as the translation of customer requirements into design specifications.

It has also been written for information technology project managers and with the goal of presenting a broad and useful set of topics to improve their operational efficiency. It brings together into one place practical information which I have used over the past thirty years both in graduate classes in operations research, operations management, economic and financial forecasting as well as consulting engagements with major organizations across the world. It has been my experience that the diverse subjects of Lean IT project management are scattered across many books and references. This makes it difficult to piece together the sequence of tools, methods and concepts necessary to improve productivity from the voice-of-the-customer (VOC) back through an organization in a practical and efficient manner.

About the Author

James William Martin is the author of several books focused on change management, teamwork and process improvement. He has coached and counseled thousands of people across Japan, China, Korea, Singapore, Malaysia, Thailand, Australia, and North America to use fact based methods to achieve their goals and improve their lives. His interests include environmental friendly design as well as personal and organizational ethics, productivity and change management. He holds a Master of Science in Mechanical Engineering, Northeastern University; Master of Business Administration Providence College; and Bachelor of Science degrees in Industrial Engineering, and Biology from the University of Rhode Island (Six Sigma Integration, Inc., Rehoboth, MA 02769).

Users Review

From reader reviews:

Virgil Arriola:

The experience that you get from Measuring and Improving Performance: Information Technology Applications in Lean Systems may be the more deep you searching the information that hide in the words the more you get considering reading it. It doesn't mean that this book is hard to be aware of but Measuring and Improving Performance: Information Technology Applications in Lean Systems giving you thrill feeling of reading. The article writer conveys their point in particular way that can be understood by simply anyone who read it because the author of this publication is well-known enough. That book also makes your personal vocabulary increase well. So it is easy to understand then can go with you, both in printed or e-book style are available. We propose you for having this kind of Measuring and Improving Performance: Information Technology Applications in Lean Systems instantly.

Daniel Downey:

Reading a e-book tends to be new life style on this era globalization. With reading you can get a lot of information that can give you benefit in your life. Along with book everyone in this world could share their idea. Books can also inspire a lot of people. A lot of author can inspire their own reader with their story or perhaps their experience. Not only the storyline that share in the books. But also they write about advantage about something that you need case in point. How to get the good score toefl, or how to teach your young ones, there are many kinds of book that exist now. The authors these days always try to improve their proficiency in writing, they also doing some study before they write to their book. One of them is this Measuring and Improving Performance: Information Technology Applications in Lean Systems.

Lori Whitten:

In this era which is the greater individual or who has ability to do something more are more valuable than other. Do you want to become one among it? It is just simple strategy to have that. What you need to do is just spending your time very little but quite enough to enjoy a look at some books. On the list of books in the top list in your reading list will be Measuring and Improving Performance: Information Technology Applications in Lean Systems. This book that is certainly qualified as The Hungry Hills can get you closer in becoming precious person. By looking upwards and review this publication you can get many advantages.

Elbert Lupton:

That reserve can make you to feel relax. This kind of book Measuring and Improving Performance: Information Technology Applications in Lean Systems was colorful and of course has pictures on there. As we know that book Measuring and Improving Performance: Information Technology Applications in Lean Systems has many kinds or variety. Start from kids until young adults. For example Naruto or Detective Conan you can read and believe you are the character on there. So , not at all of book are generally make you bored, any it makes you feel happy, fun and unwind. Try to choose the best book for yourself and try to like reading in which.

**Download and Read Online Measuring and Improving
Performance: Information Technology Applications in Lean
Systems By James William Martin #8XHQ4E1V69M**

Read Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin for online ebook

Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin books to read online.

Online Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin ebook PDF download

Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin Doc

Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin Mobipocket

Measuring and Improving Performance: Information Technology Applications in Lean Systems By James William Martin EPub