



# **Metrics-Based Process Mapping**

**Excel-Based Tool for Mapping  
Office & Service Processes**

# Metrics Based Process Mapping An Excel Based Solution

**Karen Martin, Mike Osterling**



## **Metrics Based Process Mapping An Excel Based Solution:**

Metrics-Based Process Mapping Karen Martin, Mike Osterling, 2008-08-07 Metrics Based Process Mapping MBPM is a methodology that was developed to support the adoption of lean practices in office service and technical environments. Designed and developed by lean practitioners, this technique integrates the functional orientation of conventional swim lane process maps with the time and quality metrics used in value stream mapping. While MBPM can be used to help improve any cross functional process, it is an especially effective means for understanding and acting on office service and technical process improvement opportunities identified during value stream mapping. View a presentation of this valuable tool in action <http://vimeo.com/27016122>. This CD provides improvement teams with an Excel based solution to electronically archive and distribute current and future state MBPMs created with paper and Post-it notes. This flexible, user friendly tool includes a custom toolbar that enables mapping related functionality, including the ability to insert, reorder, or remove steps and functions. Automated calculation of key process performance metrics. An audit tool that ensures a map contains the data required to auto calculate the metrics needed to compare process performance from the current to the projected future state. Easy to use with no installation necessary; the tool requires only basic Excel experience. It includes a detailed step by step instruction guide that walks users through the process of creating a metrics based process map. System Requirements: The tool is intended for use on PCs using Excel 2003 or later; it will NOT function with earlier versions of Excel or on Macintosh computers.

*Metrics-Based Process Mapping* Karen Martin, Mike Osterling, 2012-10-22 Metrics Based Process Mapping MBPM is a tactical level visual mapping approach that enables improvement teams to make effective data based decisions regarding waste elimination and measure ongoing process performance. The mapping technique often used to drill down from a value stream map integrates the functional orientation of traditional swim lane process maps with time and quality metrics that are essential for designing improved processes. Building on the success of its popular predecessor *Metrics Based Process Mapping An Excel Based Solution*, this book takes readers to the next level in understanding processes and process improvement. Included with the book is an interactive macro driven Excel tool which allows users to electronically capture their current and future state maps. The tool also audits the maps for completeness, summarizes the metrics, and auto calculates the improvements. Improvements to this version include: Foundational content about processes: what they are and how they vary. A description of the difference between value stream and process level maps. New content about how to bridge the gap between your current state and your desired future state. Tips for effective team formation and mapping facilitation. An implementation plan for those using the mapping methodology as a standalone tool and not part of a Kaizen Event. The Excel based tool included on the accompanying CD provides readers with a user friendly way to electronically archive manually created maps in team settings for easier storage and distribution across your entire organization. While current and future state MBPMs are initially created during team based activities using butcher paper and post-its, the electronic maps

serve as standard work documentation for the improved process enabling training communication and process monitoring activities This flexible user friendly tool includes A custom toolbar that simplifies map creation and editing Automated calculation of key metrics An audit feature to prevent mapping errors The ability to simulate how improvements will impact staffing requirements System Requirements The tool is intended for use on PCs using Excel 2003 or later it will NOT function with earlier versions of Excel or on Macintosh computers View a demo of the Excel tool at [www.mbpmapping.com](http://www.mbpmapping.com)

**Metrics-Based Process Mapping** Karen Martin, Mike Osterling, 2012-10-22 Metrics Based Process Mapping MBPM is a tactical level visual mapping approach that enables improvement teams to make effective data based decisions regarding waste elimination and measure ongoing process performance The mapping technique often used to drill down from a value stream map integrates the functional orientation of traditional swim lane process maps with time and quality metrics that are essential for designing improved processes Building on the success of its popular predecessor Metrics Based Process Mapping An Excel Based Solution this book takes readers to the next level in understanding processes and process improvement Included with the book is an interactive macro driven Excel tool which allows users to electronically capture their current and future state maps The tool also audits the maps for completeness summarizes the metrics and auto calculates the improvements Improvements to this version include Foundational content about processes what they are and how they vary A description of the difference between value stream and process level maps New content about how to bridge the gap between your current state and your desired future state Tips for effective team formation and mapping facilitation An implementation plan for those using the mapping methodology as a standalone tool and not part of a Kaizen Event The Excel based tool included on the accompanying CD provides readers with a user friendly way to electronically archive manually created maps in team settings for easier storage and distribution across your entire organization While current and future state MBPMs are initially created during team based activities using butcher paper and post its the electronic maps serve as standard work documentation for the improved process enabling training communication and process monitoring activities This flexible user friendly tool includes A custom toolbar that simplifies map creation and editing Automated calculation of key metrics An audit feature to prevent mapping errors The ability to simulate how improvements will impact staffing requirements System Requirements The tool is intended for use on PCs using Excel 2003 or later it will NOT function with earlier versions of Excel or on Macintosh computers View a demo of the Excel tool at [www.mbpmapping.com](http://www.mbpmapping.com)

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improved processes Building on the success of its popular predecessor Metrics Based Process Mapping An Excel Based Solution this book takes readers to the next level in understanding processes and process improvement Included with the book is an interactive macro driven Excel tool which allows users to electronically capture their current and future state maps The tool also audits the maps for completeness summarizes the metrics and auto calculates the improvements Improvements to this version include Foundational content about processes what they are and how they vary A description of the difference between value stream and process level maps New content about how to bridge the gap between your current state and your desired future state Tips for effective team formation and mapping facilitation An implementation plan for those using the mapping methodology as a standalone tool and not part of a Kaizen Event The Excel based tool included on the accompanying CD provides readers with a user friendly way to electronically archive manually created maps in team settings for easier storage and distribution across your entire organization While current and future state MBPMs are initially created during team based activities using butcher paper and post its the electronic maps serve as standard work documentation for the improved process enabling training communication and process monitoring activities This flexible user friendly tool includes A custom toolbar that simplifies map creation and editing Automated calculation of key metrics An audit feature to prevent mapping errors The ability to simulate how improvements will impact staffing requirements System Requirements The tool is intended for use on PCs using Excel 2003 or later it will NOT function with earlier versions of Excel or on Macintosh computers View a demo of the Excel tool at [www.mbpmapping.com](http://www.mbpmapping.com)

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Jorgensen, Mark Stacey, Devin Knight, Patrick LeBlanc, Brad Schacht, 2011-12-05 Learn to build and deliver SharePoint BI applications Written by a team of leading SharePoint and Business Intelligence BI experts this unique book and DVD package shows you how to successfully build and deliver BI applications using SharePoint 2010 Assuming no previous SharePoint experience the authors deliver a clear explanation of what SharePoint will do for your BI and information management capabilities Each lesson in the book is reinforced with a helpful tutorial on the DVD and cover topics such as interactive reporting with Excel document sharing for collaborative reporting and controlling data sources As you learn best practices for configuring and securing SharePoint 2010 BI applications and planning and implementing your SharePoint BI project plan you ll be well on your way to gaining a solid foundation of understanding and working with SharePoint 2010 and BI Provides an invaluable training book and DVD package that takes you through building and delivering BI applications using SharePoint 2010 Features an accompanying video tutorial for each lesson covered in the book along with a Try It section at the end of each lesson Covers interactive reporting with excel Covers Power Pivot advanced analytics Details report and document sharing for collaborative reporting Shows how to use SharePoint lists and libraries for data sources repositories in your BI projects Explains how to control data sources reports and business intelligence content with permissions and workflow approvals With this unique book and DVD combo you ll be well on your way to successfully building and delivering BI applications using SharePoint 2010 Note As part of the print version of this title video lessons are included on DVD For e book versions video lessons can be accessed at wrox com using a link provided in the interior of the e book

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,2003 **The Leading Edge** ,2004 *Proceedings of the 1998 Winter Simulation Conference* D. J. Medeiros,1998

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Dissertation Abstracts International ,2008

**Lean Sigma--A Practitioner's Guide**

Ian Wedgwood PhD,2016-02-18 The Practical Guide to Lean Sigma Problem Solving Expanded Updated Lean Sigma delivers results if you use the right tools and techniques In this thoroughly updated edition Ian Wedgwood details his proven best practices from more than sixty successful Six Sigma and Lean deployments in multiple industries helping you identify and apply the solutions that will work best in your projects This expanded edition of Lean Sigma A Practitioner's Guide offers detailed guidance on process improvement standardization accelerated improvement and more Wedgwood helps you identify potential Lean Sigma projects even in processes without obvious targets He illuminates fast effective routes to solving specific business problems and explains why these solutions work Next he presents detailed tools roadmaps step by step instructions showing exactly how and when to use each of these tools 5 Whys 5S Affinity ANOVA Box plot Capability C E matrix Chi Square Concept ideation design selection Control charts Control plan summary Core process map Critical path analysis Customer interviewing Customer requirements tree Customer surveys D Study Demand profiling Demand segmentation DOE Fishbone diagram Handoff map KPOVs data Load chart MSAs Multi Cycle analysis Multi Vari studies Murphy's analysis Normality test OEE Pareto chart Process performance mgmt Poka Yoke Process board Process FMEA

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