



# Shop Floor Value Stream Mapping (VSM)



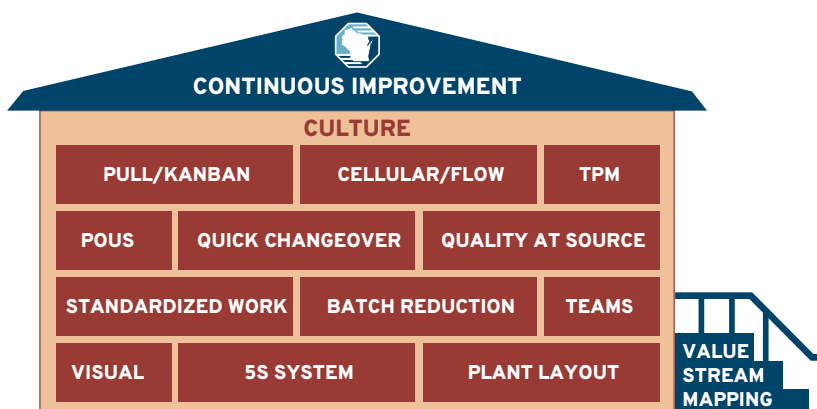
- Are you looking to eliminate waste in your manufacturing processes?
- Do you need to reduce your production lead time, but aren't sure where to start?
- Do you have large amounts of work-in-process (WIP) inventory and a lack of product flow in your production processes?
- Are you having challenges meeting your customer's delivery requirements?

## Value Stream basics

Value Stream Mapping (VSM) allows you to take a high-level view of your process or Value Stream — then diagnose problems and implement changes — it is the best way to identify the right areas for improvement so you can get lean and maximize your productivity.

**Value Stream Mapping is a four-step process that uncovers waste and reveals how to streamline your manufacturing and office processes.**

- Identify which product or process will be mapped and establish SMART project goals
- Create the current state map and collect data on the process
- Review the waste in the process and make a future state map representing the improved process
- Implement the changes and monitor performance to the goals



Value stream mapping is the staircase into the House of Lean, which leads you to solutions for improvement. Value stream mapping is not a one-time event, successful lean manufacturers are applying value stream mapping continuously to their manufacturing processes to get better results.

## Benefits of Value Stream Mapping:

- Reduced product lead time
- Improved on time delivery
- Improved quality
- Waste reduction
- Reduced work-in-process and finished goods inventories
- Improved communication
- Increased productivity

*"This project was an extreme success. The team discovered the waste in the current process and developed a future state manufacturing cell that the operations team initially didn't understand how to implement. The operations and TigerShark product teams worked together and were able to find solutions and improve the manufacturing cell. The results in quality, production time and cell staffing were better than we originally imagined."*  
Dana Christensen, Director of Administration –  
Wiscon Products Inc.

## WHO WE ARE

**As a private non-profit corporation, we focus fully on generating positive results for our clients.**

Our team of manufacturing experts work side-by-side with hundreds of manufacturers each year, helping them develop and implement effective solutions that address their biggest challenges.

We closely monitor trends and best practices in manufacturing, and proactively develop solutions that meet the existing and emerging needs of manufacturers.

WMEP Manufacturing Solutions is part of the MEP National Network™, a public-private partnership that advances U.S. manufacturing. MEP Centers are located in all 50 states and draw on the talents of over 1,400 trusted advisors and experts.

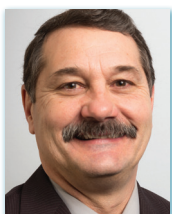
## WE HELP MANUFACTURING COMPANIES BECOME MORE PROFITABLE & VALUABLE

## WHAT WE PROVIDE

WMEP Manufacturing Solutions recognizes that manufacturers face various challenges and we provide proven solutions to these challenges in the following areas:

- Operational Excellence
- Industry Certifications
- Automation & Technology
- Growth & Strategy
- Human Capital
- Sustainability

## CONTACT WMEP TODAY:



**Mark Hatzenbeller**  
Northeast Wisconsin  
920.246.0051  
hatzenbeller@wmep.org



**Eric Decker**  
Southern Wisconsin  
414.429.2252  
decker@wmep.org