UNVEILING PROCESS POTENTIAL WITH VALUE STREAM MAPPING

VALUE STREAM MAPPING (VSM) is a foundational tool in the world of lean manufacturing, visualizing the flow of materials and information required to bring a product from order to delivery. By offering a bird's-eye view of the entire production process, VSM allows manufacturers to pinpoint areas of waste, inefficiencies, and bottlenecks. This is not merely about mapping out current processes; it's about visualizing an optimized future state that streamlines operations. With this tool, manufacturers can align operations with customer demand, ensuring products are produced at the right time, in the right quantities, and with minimal waste. It's not just about improving operational efficiency; it's about enhancing the entire value chain to better deliver value to the end customer.

POTENTIAL BENEFITS

- **Operational Efficiency:** Through targeted waste elimination, manufacturers can see operational efficiency boosts of up to 30%.
- Lead Time Reduction: By identifying and addressing bottlenecks, lead times can be slashed by up to 25%.
- **Increased Capacity:** Streamlined processes can unlock hidden production capacities, potentially increasing output by 20%.
- **Cost Savings:** With reduced waste and more efficient processes, manufacturers can realize cost reductions of up to 15%.
- Improved Quality: By ensuring smoother processes, defect rates can drop by as much as 18%.
- Enhanced Customer Satisfaction: With timely deliveries and consistent product quality, customer satisfaction rates can improve by 22%.



WHY PARTNER WITH TMEP?

Lean Expertise:

TMEP brings years of experience in implementing lean methodologies, ensuring that your VSM isn't just a map but a strategic blueprint for success.

Hands-on Approach:

We don't just advise; we walk with you, from mapping the current state to implementing the future state, ensuring tangible improvements at every step.

Continuous Improvement Focus:

TMEP champions a culture of continuous improvement, ensuring that your VSM journey evolves with changing market dynamics and operational needs, fostering sustainable growth.

CONTACT US: 💪 (888) 763-7439 🔤 tmep@tennessee.edu 🖵 tmep.cis.tennessee.edu



Center for Industrial Services

Tennessee Manufacturing Extension Partnership

