

ARCAMED

INDIANAPOLIS, INDIANA

Purdue MEP Helps Refine Processes, Eliminate Wastes Leading to Improved Efficiency & Capacity



“The impact of their support is evident in the measurable gains we’ve achieved in productivity, quality, and efficiency. Purdue MEP has been an invaluable partner in advancing our culture of continuous improvement and innovation.”

Aaron Kane*Continuous Improvement
Manager*

Arcamed

The Challenge:

Faced with challenges to increase operational efficiency and address a workforce skills gap, Arcamed identified the need for formal training in Lean manufacturing and Six Sigma methodologies to empower their team with the tools and knowledge required to drive process improvement and sustain operational excellence. With a plant expansion on the horizon, it was important they integrate advanced manufacturing practices to ensure efficiency in the facility layout as they expanded their capabilities.

The Solution:

Purdue MEP provided targeted training focused on Lean manufacturing and Six Sigma principles. Through their courses, the Arcamed team gained a deeper understanding of waste reduction strategies, value stream mapping, process standardization, and data-driven problem-solving. This training helped build the skills necessary to identify inefficiencies, eliminate waste, and implement sustainable improvements across Arcamed’s operations. By equipping the workforce with these methodologies, Purdue MEP played a critical role in advancing their culture of continuous improvement.

The Results:

The training has delivered measurable improvements in Arcamed’s operations. The team has successfully applied Lean and Six Sigma tools to streamline processes, improve quality, and reduce variation. Value stream mapping (VSM) helped identify and eliminate non-value-added activities, while Six Sigma training equipped the team to reduce defects and better understand process variation data. These improvements will lead to shorter lead times, increased productivity, and enhanced overall efficiency. Most importantly, the skills and knowledge gained from Purdue MEP’s training have empowered the workforce to drive ongoing improvements and support Arcamed’s growth as an industry leader.

Impacts:

- **Lead times decreased by 33%** - Reduced from 12 weeks to 8 weeks due to VSM
- **Return rates reduced from 7% to 2%**
- Reduced the skills gap and **raised wages by \$4/hour** by adding technology and training employees how to use it
- **Improved capacity by 30%** using waste reduction strategies
- **Reduced pricing by 25% on some product lines** due to lights out manufacturing capabilities



Read more at: [www.mep.purdue.edu/
client-successes/arcamed/](http://www.mep.purdue.edu/client-successes/arcamed/)

ABOUT MEP

Purdue Manufacturing Extension Partnership (MEP) provides high-value solutions to help Indiana businesses maximize their success. As advocates for Indiana’s thousands of manufacturers, our staff identifies areas of improvement, streamlines processes, and ultimately increases competitiveness. Purdue MEP serves hundreds of companies annually by implementing continuous improvement principles in the areas of productivity, growth, and technology.