



Driving Impact for Manufacturers



Strategic Business Advisors

Our services begin with our Strategic Business Advisors (SBA), qualified industry specialists who focus on understanding your business issues and challenges, goals, initiatives, priorities, and requirements. Through an independent and objective perspective, our SBAs assess your situation, challenge thinking, explore opportunities, identify resources, and assist in the development of customized solutions and project management.

Erie and Warren

(814) 923-3084
ebarthelmes@nwirc.org



Ed Barthelmes

*Crawford, Mercer,
Venango, Forest,
and Clarion*

(814) 572-2077
shileman@nwirc.org



Susan Hileman

*Jefferson, Elk,
Clearfield, Cameron,
McKean, and Potter*

(814) 590-5202
tweible@nwirc.org



Tom Weible

All About Manufacturing

Northwest Industrial Resource Center is a not-for-profit organization that serves small and mid-sized manufacturers throughout northwest and north central Pennsylvania. Through a private and public partnership business model, NWIRC is driven by the impact our consulting and customized training solutions have on our client's business, the manufacturing industry as a whole, and our regional economy. We help manufacturers achieve and sustain top and bottom-line growth through the implementation of next generation manufacturing strategies, world-class improvement methodologies and best practices, advanced manufacturing technologies, and customized workforce training and skill development programs.

Core Services

Business Growth

NWIRC provides proven, disciplined approaches to achieve profitable topline sales growth. Our services are specifically designed and scaled for small to mid-sized organizations with limited resources. Capabilities include defining value propositions, conducting market research, and identifying new account opportunities. We execute prospecting and outreach activities to generate qualified leads. For companies with proprietary technologies or processes, Technology-Driven Market Intelligence (TDMI) offers a systematic and comprehensive process to evaluate the product or service for potential applications, market viability, and business expansion.

Operational Excellence

Through on-site implementation engagements and customized training, NWIRC helps companies improve day-to-day processes, implement standardized work, strengthen workforce capabilities, and build a culture of continuous improvement. With programs such as Lean Together™, Lean Champion Certification, Lean Six Sigma Green Belt, Training Within Industry (TWI), and STEM Internship, your company can be on the way to operational excellence while realizing immediate return on investment.

Advanced Manufacturing Technologies

NWIRC is uniquely positioned to assist manufacturers with developing a roadmap for Industry 4.0 and accelerating technology transfer. With Technology Scouting (TS), we explore existing and proven technologies outside your normal channels to solve complex business problems, improve operational process(es), or develop new products. Our access to a vast network of resources will help to improve competitiveness and seize new opportunities for profitable growth.

Knowledge Park • 5340 Fryling Road, Erie • (814) 898-6893

www.nwirc.org