



PART OF THE SOUTHWESTERN PA NEW ECONOMY COALITION

# Support for Industry 4.0 Investments and Implementation



## Technical Assistance Planning and Implementation:

- Industry 4.0 technology assessments and project identification/prioritization services
- Vendor validation and selection services
- Project implementation support: de-risking of deployments and other project management support
- University student project teams to provide no-cost project analysis and evaluation
- Access to advanced technology research and demonstration facilities at Carnegie Mellon University, Digital Foundry at New Kensington, and University of Pittsburgh

## Access to Capital:

- Matching grant funds from the Digital Bridge Technical Assistance Program for Manufacturing Engineering (\$10,000) and/or Production Simulation & Industry 4.0 Project Implementation (\$25,000)
- Low interest capital loans from local, state, and private funds.

## Workforce Development

- Manufacturing Industry Partnerships focused on employer needs
- Training funds and services offered by PA CareerLink and Workforce Development Boards:
  - On-the-Job Training (OJT) offering up to 75%
  - Incumbent Worker Training (IWT)
  - Individual Training Accounts (ITA) creating opportunities for job seekers
  - Coordinating and providing job fairs for local employers with hiring needs.
- WEDnetPA funds can also provide training reimbursements for incumbent workers
- Access to training content developed and provided by regional resources and partners to develop worker skills
- Access to high school and college students for part-time work and internships



The Digital Bridge coalition helps manufacturers with implementation of Industry 4.0 technologies in products, processes, logistics, and human resources. Eligible uses include:

### Robotics and Automation

Robotics are not a one-size-fits all solution, so it is wise to identify the appropriate opportunity and optimum timing for your first (or next) implementation. Be sure to think through the entire process to identify potential implementation challenges.

### Digitization

Digitization covers a wide range of applications and functional areas at a manufacturer, from front office to operations and everywhere in between. It is all about providing the right data to the right people at the right time.

### Additive Manufacturing (AM)

AM is revolutionizing manufacturing; not as a replacement for traditional manufacturing, but as another tool at your disposal that can reduce costs and increase capabilities across the manufacturing spectrum.

### Cybersecurity

Depending on your customers and industry, you may be subject to cybersecurity requirements that will dictate the cybersecurity protocol you must follow. A prime example is the U.S. Department of Defense Cybersecurity Maturity Model Certification (CMMC).



Catalyst Connection is a private not-for-profit organization headquartered in Pittsburgh, Pennsylvania. We provide consulting and training services to small manufacturers in southwestern Pennsylvania, accelerating revenue growth and improving productivity.

## Our Partners



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