

**pittsburgh**  
 imagine what you can do here.™

## ADVANCED MANUFACTURING



### Regional Strengths

- A manufacturing culture with 3,200 advanced manufacturing firms employing nearly 110,000 people
- 123 corporate and federal R&D centers and a century-long tradition as a center of excellence in manufacturing R&D
- A skilled workforce with more than 1,500 engineering grads per year from the region's colleges and universities; nearby Penn State University produces more than 1,800 per year
- Named one of "America's hottest cities" to locate a manufacturing business (*Expansion Management*)
- Growing regional sector base with 261 manufacturing company expansions/relocations and 12,000 jobs since 2002; 58 companies and 3,800 new jobs in 2006 alone

### In Good Company

Advanced Manufacturing companies already growing here include...

- Allegheny Technologies Incorporated
- Bayer Corporation
- Bombardier Transportation
- Eaton Corporation
- Kennametal Inc.
- LANXESS Corporation
- Matthews International Corporation
- Mine Safety Appliances Company
- NOVA Chemicals
- Penn United Technology, Inc.
- PPG Industries
- Sony Electronics Inc.
- TreeHouse Foods, Inc.
- United States Steel Corporation
- Wabtec Corporation
- Westinghouse Electric Company

"Our Westmoreland County service and manufacturing operation benefits immensely from ready access to a skilled, hardworking and dependable workforce coming from nearby world-class universities, colleges and trade schools. Westinghouse chose the Pittsburgh region for our recently announced expansions in large part because it consistently delivers an affordable cost of living and a high quality of life."

– Steve Tritch, President & CEO, Westinghouse Electric Company

### Innovative Collaboration

- **DSN Innovations** – provides Small Manufacturing Enterprises (SMEs) with centralized assistance in research, technology and training tools; bridges the defense manufacturing supply chain gap through Network Centric Manufacturing (NCM), combining the assets of many partner companies to fulfill a specific requirement, thereby enhancing the efficiency of each individual company.
- **Carnegie Mellon's Robotics Institute** – offers the world's only Ph.D. program in robotics; affiliated companies can sponsor specific research projects to benefit their business with the market advantage of first access to the results.
- **Manufacturing Assistance Center (MAC)** – this University of Pittsburgh School of Engineering initiative offers access to advanced manufacturing technologies and technical assistance with an emphasis on automation and agile robotics; also provides a diverse array of workforce training programs.
- **Technology Insertion, Demonstration and Evaluation (TIDE) Program** – part of Carnegie Mellon's world-renowned Software Engineering Institute; helps small manufacturers adopt commercially available software and technology; strong focus on national defense-related suppliers.

information provided by:

**pittsburgh** regional alliance

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