



INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT)

Regional Strengths

- A “Top 10 Tech Town” (*Wired Magazine*) and a hotbed for tech start-ups
- Carnegie Mellon University graduate programs rank:
 - No. 1 Computer Science
 - No. 2 Information Systems
 - No. 4 Computer Engineering (*U.S. News and World Report*)
- A skilled workforce with nearly 2,700 computer science and electrical engineering graduates annually from the region’s 35 colleges and universities
- Nearly 1,500 ICT firms with more than 31,000 employees
- 165 ICT companies announced plans to add more than 5,700 jobs in the region between 2002-2007
- \$115.6 million in university ICT-related R&D spending – an 86 percent increase since 2000
- \$256.2 million venture capital invested in emerging regional businesses in 2006

In Good Company

ICT companies already growing here include...

- ANSYS, Inc.
- Apple Computer Inc.
- Ariba, Inc.
- Black Box Corporation
- Comcast Corporation
- Compunetix, Inc.
- Computer Associates International
- Confluence Technologies, Inc.
- Crown Castle International Corporation
- Ericsson Data Networks
- Fujitsu Consulting, Inc.
- Google, Inc.
- IBM Pittsburgh Lab
- iGate Corporation
- Intel Research Pittsburgh
- Management Science Associates, Inc.
- Matrix Solutions, Inc.
- Network Appliance, Inc.
- Oki Semiconductor Group
- Parametric Technology Corporation
- Seagate Technology LLC
- Tollgrade Communications, Inc.
- Verizon Communications, Inc.
- Verizon Wireless
- Vocollect, Inc.

“I was honored to be chosen to lead Google’s Pittsburgh office in 2005. We have benefited immensely from our close relationship with Pittsburgh’s great universities and – combined with the region’s diverse technology industry and its exceptional quality of life – Google has found great success here. It is a world-class company benefiting from a world-class region.”

– Andrew Moore, Director, Google Pittsburgh

Innovative Collaboration

- **Software Engineering Institute (SEI)** – a world-renowned R&D center funded by the U.S. Department of Defense and operated by Carnegie Mellon University that advances organizations’ software engineering capabilities.
- **CERT Coordination Center** – within SEI, this Computer Emergency Response Team R&D center is both the birthplace and frontline of Internet security.
- **Electro-Optics Center (EOC)** – Penn State University’s national resource for commercial and government electro-optics-related partnerships.
- **The Technology Collaborative (TTC)** – increases Pennsylvania’s technology-based economy through collaborative industry clusters, leveraging the region’s world-class advanced electronics, cyber security and robotics assets.

information provided by:

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