Trust, safety, security, Pittsburgh

Industries like finance, robotics, life sciences, manufacturing, autonomous vehicles, and AI trust Pittsburgh for cybersecurity innovation. With security and data sensitivity paramount, our talent, R&D and best technologies in the world provide reliability, safety and - most importantly - a step ahead in a world moving forward faster than a thumb swipe.

Did you know?

A strong university and R&D research base has evolved to a strong corporate asset.

CMU
2nd–Highest
computer science R&D expenditures in U.S

Carnegie Mellon University (CMU) **ranks #1** in the U.S. for computer science

CMU offers grad tracks in CyberOps & CyFIR (Cyber Forensics & Incident Response)

University of Pittsburgh recently joined the Department of Energy Cybersecurity Manufacturing Innovation institute, a $111 million public-private partnership, as an inaugural member institution.

proofpoint®

Pittsburgh is home to 40 cybersecurity firms, including Proofpoint, which acquired Pittsburgh-startup Wombat Technologies for $225 million in 2018.

PITTSBURGH REGION®

NEXT IS NOW.

Unparalleled Talent for Cybersecurity

20.7% increase in tech talent pool over the past five years to more than 45,000

5,500 tech degrees & certificates awarded 2018-19

Tech Workers

Software Developers and Programmers	13,890
Computer Support Database and Systems Employees	23,150

139 unique regional startups attracted nearly **$3 billion** in funding, a seven-fold increase since 2010

A Supportive Community

Primary organizations supporting the ecosystem

Innovation Works is one of the most active early stage investors in the U.S. and accelerates software (AlphaLab), hardware (AlphaLab Gear) and life sciences (AlphaLab Health) startups

InnovatePGH accelerates Pittsburgh's status as a global innovation city by developing the Innovation District in the Oakland neighborhood

Pittsburgh Technology Council
supports business development, talent retention, government relations and visibility for tech firms

Pittsburgh Regional Alliance
supports attraction, retention and growth of companies in the Pittsburgh region

Strong Cybersecurity Anchors

Carnegie Mellon University (CMU) is the #1 school in the U.S. for computer science. Related R&D at CMU totals $171 million, the second-highest of any university in the field in the U.S.

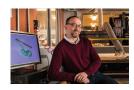**The University of Pittsburgh's Institute for Cyber Law, Policy, and Security (Pitt Cyber)** addresses unique cybersecurity challenges, including issues such as privacy, election security and human trafficking.

CERT, part of CMU's Software Engineering Institute, is a 30-year leader in cybersecurity. CERT and the FBI partnered to create the **Pittsburgh High-Tech Computer Crimes Task Force.**

The National Cyber Forensics & Training Alliance (NCFTA) grew out of the FBI and CERT partnership and is a non-profit partnership among private industry, government, and academia.

The NSA and Dept. of Homeland Security have designated the **Pittsburgh Technical College (PTC)** as a National Center of Academic Excellence in Cyber Defense Education (CAE-CDE).