



# Cybersecurity in the Pittsburgh Region

One of the Most Important Locations for Cybersecurity in the World, Built on a History of Collaboration

## Leaders



### Computer Emergency Response Team Coordination Center (CERT/CC)

- Carnegie Mellon University's (CMU) Software Engineering Institute's cyber security division is a federally funded R&D center & comprises 250+ cybersecurity professionals



### Federal Bureau of Investigation (FBI) Pittsburgh

- Partnered with CERT/CC to form Pittsburgh High-Tech Computer Crimes Task Force



### National Cyber Forensics & Training Alliance (NCFTA)

- Grew from Computer Crimes Task Force
- Comprised of federal official's & 100+ national company reps from finance, energy, medicine, manufacturing, retail & other sectors
- Almost \$2 billion in losses prevented

## University R&D



### CMU CyLab

- Leader in cybersecurity innovation. Private funding & industry partnerships with companies like Facebook and Microsoft
- Named a National Security Agency Center of Academic Excellence in Information Assurance Education and a Center for Academic Excellence in Research by Department of Homeland Security (DHS)
- 50 faculty members & 150+ grad students



### University of Pittsburgh Laboratory of Education and Research on Security Assured Information Systems (LERSAIS)

- One of 13 centers in U.S. to receive all National Security Systems certifications from DHS and National Security Agency
- DHS named LERSAIS National Center of Academic Excellence in Information Assurance Education

## Private Sector Expertise

- 40+ businesses in cybersecurity industry span hardware/software design; manufacturing; consulting; and legal industries

### Cybersecurity Companies:

- ABS Computer Technology
- Acronis
- Burns White LLC
- CyLumena
- Cyberfense
- Netrone Systems
- Pittsburgh Pattern Recognition (*recently acquired by Google*)
- Wombat Security Technologies (*recently acquired by ProofPoint, Inc.*)



*"There is no better place in the country than Pittsburgh for [cybersecurity advancements]. Not only do we have the talent. Not only do we have the record. Not only do we have the tools. We have that secret je ne sais quoi about Pittsburgh that we're just a group of people that like to work together."*

- David Hickton, Director, University of Pittsburgh's Institute for Cyber Law, Policy & Security; Former U.S. Attorney

information provided by:



[PittsburghRegion.org](http://PittsburghRegion.org)

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The Pittsburgh Regional Alliance is an affiliate of the Allegheny Conference