

Georgia companies are developing new cybersecurity solutions to stay ahead of cyber threats and address challenges facing various industry sectors, such as technology, payment processing and financial technology, retail, advanced manufacturing, healthcare, logistics and energy.

Metro Atlanta's unique startup ecosystem, workforce pipeline, and technology expertise through universities and large and small companies alike, are all helping to defend against cyber-attacks.

WHY ATLANTA

- International access from the world's most traveled airport – Hartsfield-Jackson Atlanta International Airport
- Global representation with 81 consular & trade offices, 34 bi-national chambers of commerce
- #3 city with the most FORTUNE 500 Headquarters
- Technology powerhouse with approximately 14,000 establishments technology more than 189,000 workers
- Entrepreneurial hub for more than 1,000 tech startups
- Georgia named #1 State for Doing Business by Area Development and #1 state for Business Climate by Site Selections.

CYBERSECURITY HUB

- State of Georgia has more than 115 information security companies generating more than \$4.7 billion in annual revenue, which accounts for 25% of the global security revenue market share
- Georgia companies employ more than 10,000 network and computer system engineers
- U.S. Army has its Cyber Command headquarters at Fort Gordon near Augusta, GA., along with a National Security Agency located there.
- Dedicated accelerator for cybersecurity at Baker Donelson
- Newly-formed National Technology Security Coalition from the Technology Association of Georgia

CYBERSECURITY ECOSYSTEM: INTERCONNECTED PILLARS

STRENGTH IN HIGHER EDUCATION – CYBER-TRAINED WORKFORCE

1. Metro Atlanta is home to 70 colleges and universities
2. Georgia Tech's College of Computing offers a Master of Science (MS) in Information Security (InfoSec).
3. Georgia Tech's graduate program in Computer Engineering is ranked 6th nationally.
4. Georgia Tech's Institute for Information Security & Privacy (IISP) aligns the expertise of 200 researchers and nine labs and the Georgia Tech Research Institute (GTRI) to collaborate on all cybersecurity efforts, connecting academia, industry and government to work on solutions for national security, economic continuity and individual safety.
5. Kennesaw State University offers a BBA in Information Security and Assurance as well as undergraduate and graduate certificates in Information Security and Assurance
6. U.S. Army Cyber Center of Excellence at Fort Gordon is a nexus for cyber doctrine, capital development,



STRENGTH IN FINTECH: “TRANSACTION ALLEY”

- FinTech and Cyber are complementary because of the need for protection from unauthorized access to financial data is crucial to the integrity of the financial industry.
- **70 percent of all U.S. payments** are processed through Georgia
- Payment processing companies employ nearly 40,000 workers in metro Atlanta with more than 250,000 people working in finance-related occupations, according to the American Transaction Processors Coalition. There are an additional 105,000 people around the world on the payroll of these Georgia companies, giving to the nickname “Transaction Alley.”
- Georgia has been a payments and banking hub for decades and the state is home to some of largest financial technology firms in the world including:

- | | |
|-------------------|---------------|
| • First Data | • Worldpay US |
| • Global Payments | • InComm |
| • Fiserv | • Equifax |
| • NCR | • Elavon |
| • TSYS | |

Many of these companies have experienced significant growth in the last several years, expanding operations and adding hundreds of jobs.

COMPANIES MAKING A MARK IN CYBERSECURITY:



Ionic Security is a pioneer in advanced data distribution protection software. In May 2016, Ionic raised \$45M from investors that included Amazon, Goldman Sachs and hedge fund Hayman Capital.



Pindrop Security is a leader in developing phone fraud prevention and call center authentication. In 2016, Pindrop raised \$75M including investment from Google Ventures.



NexDefense has developed software that detects anomalies in industrial networks such as power grids or manufacturers. Since December 2014, the company has raised over \$8M and moved its operations from Silicon Valley to Atlanta.



Bastille Networks detects and mitigates threats from smart devices. Since its founding in April 2014, Bastille has raised \$11.5M and its investors include Silicon Valley VC Bessemer Ventures.

GROWING THE NEXT CYBER COMPANIES

- U.S. Army Cyber Command and Cyber Center of Excellence
- NSA/CSSS Georgia Cryptologic Center located near Fort Gordon in Augusta, GA
- Atlanta is a hub for financial transactions and the Internet of Things (IoT) with giants such as AT&T Mobility, The Weather Channel, Turner Broadcasting and The Coca-Cola Company
- Georgia Department of Economic Development Center of Innovation
- Baker Donelson has opened a new Cybersecurity Accelerator in Atlanta
- CyberCon US – National conference in Atlanta focused on cybersecurity
- GSMA Mobility LIVE! North America – National conference in Atlanta focused on mobile technologies, the Internet of Things (IoT) and innovation



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