Georgia Tech Smart Cities and Inclusive Innovation

#SMARTer Together

Webinar Series

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June 18th

Cybersecurity and privacy in the age of remote working

Brenden Saltaformaggio, Ph.D.
Assistant Professor, School of Electrical and Computer Engineering and School of Computer Science, Georgia Tech

Tim Callan
Senior Fellow, Sectigo

Eric Toler
Executive Director, Georgia Cyber Center

Charlotte Nash
Chairman, Gwinnett County Board of Commissioners

Moderator: **Eric Lopez**
Research Analyst, Association of County Commissioners of Georgia

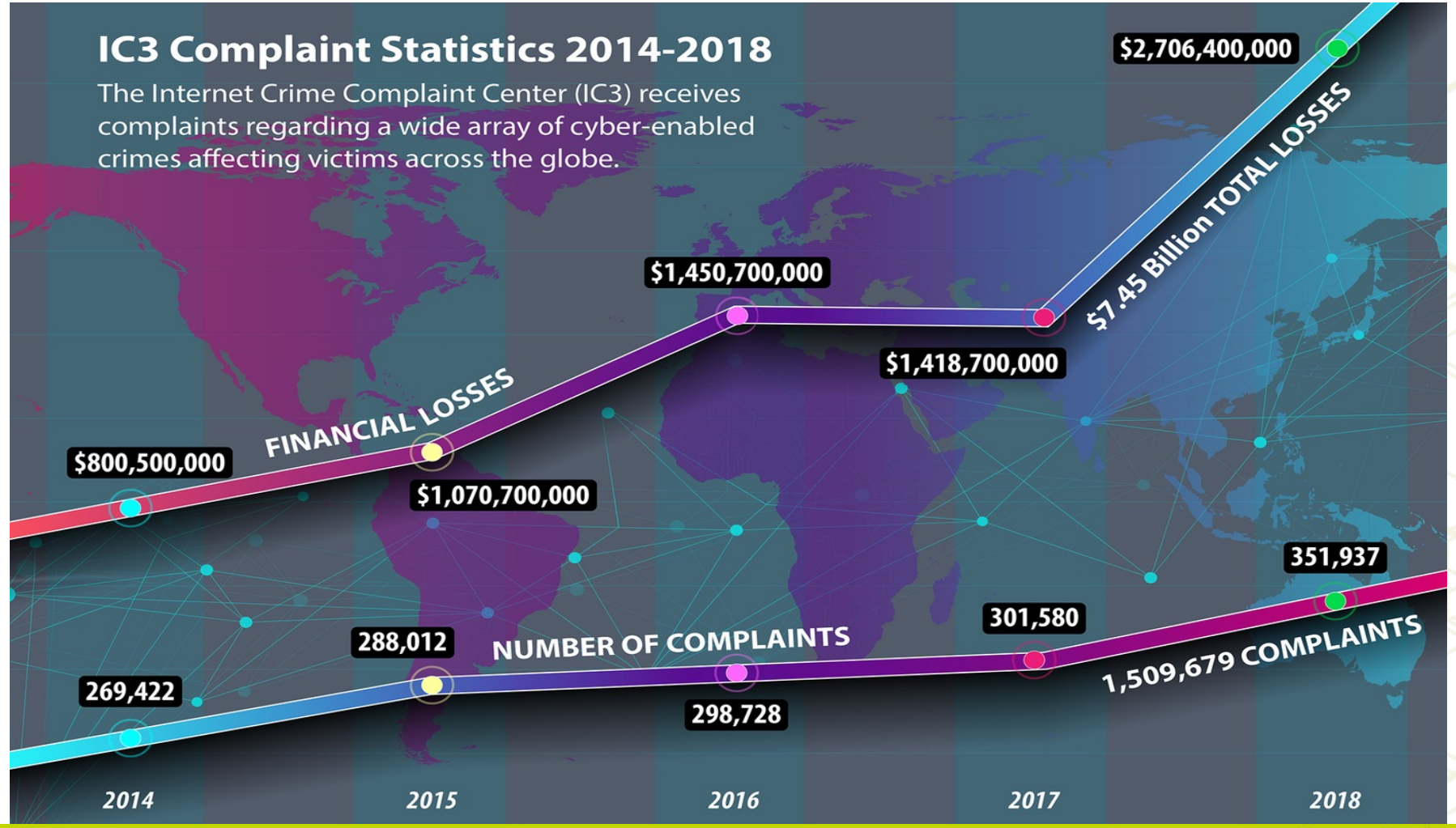
Eric Toler

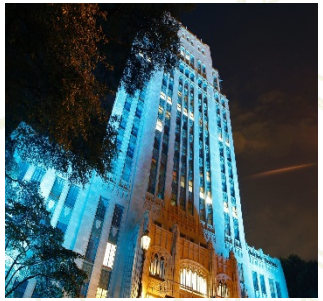
Executive Director, Georgia Cyber Center

GEORGIA CYBER CENTER

The Exponential Pace of the Threat

FBI – 2018 Internet Crime Report





Atlanta's ransomware attack may cost the city $17M

2016 election hacking in Florida: Russian emails, hidden tracks

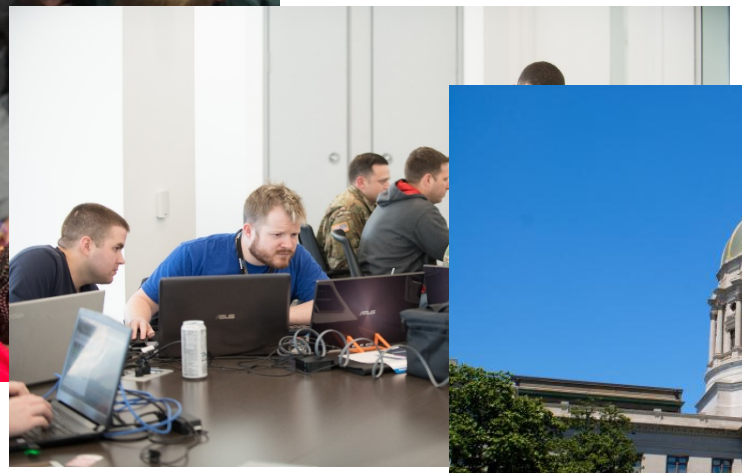
The Big Hack: How China Used a Tiny Chip to Infiltrate U.S. Companies

An Unprecedented Investment

Mission: Cultivate an ecosystem where the combined talent of government, academia, and private industry will……

Deliver affordable and relevant training/education

Develop the region's cyber-security Workforce



Solve complex cybersecurity challenges

Offer unbiased advice to policy-makers

Purpose: to WIN!

Tim Callan

Senior Fellow

SECTIGO

Sectigo by Numbers

100M+

Certificates issued. **Critical** to businesses worldwide.

Used by over

700,000

businesses **worldwide.**

99%

Enterprise customer **retention** rate.

20+

years of **experience** in digital trust solutions.

>36%

Fortune 1000 companies use our solutions.

#1

market leader based on top 10M websites according to Alexa popularity rankings.

SECTIGO

PKI Establishes Trust Through Use of Digital Identities

The new IT security landscape has resulted in new and emerging threats leading to the need for Digital Identities to create a trust-enabling framework to secure IT environments

How Do You Identify Yourself to a Computer – If You're Not a Human?

Something You Know

Something You Are

Digital Identity

Something You Have

The Solution: PKI

- A cryptographically generated secret
- Broken into two parts (public key/private key)
- Wrapped in a machine-readable envelope that includes enforceable rules in the form of:
  - Expiration dates
  - Verification protocols

SECTIGO

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Thanks for joining us!