

SECURE **THE VILLAGE**

Cyber Crisis: Securing Our Economy. Protecting Our Identities. Preserving Our Freedoms.

Temple Aliyah Men's Club

March 9, 2021

It Takes a Village to Secure the Village™

Stan Stahl, PhD

Founder / President SecureTheVillage

Director Information Security Management, Miller Kaplan

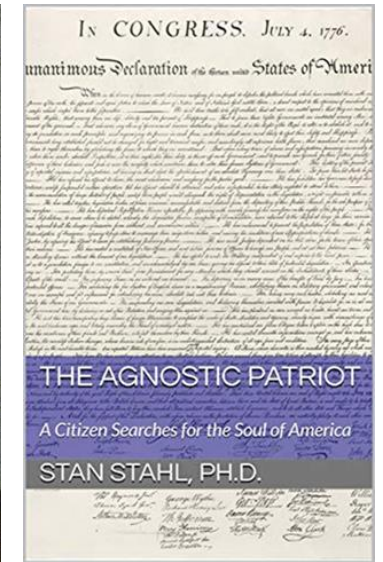
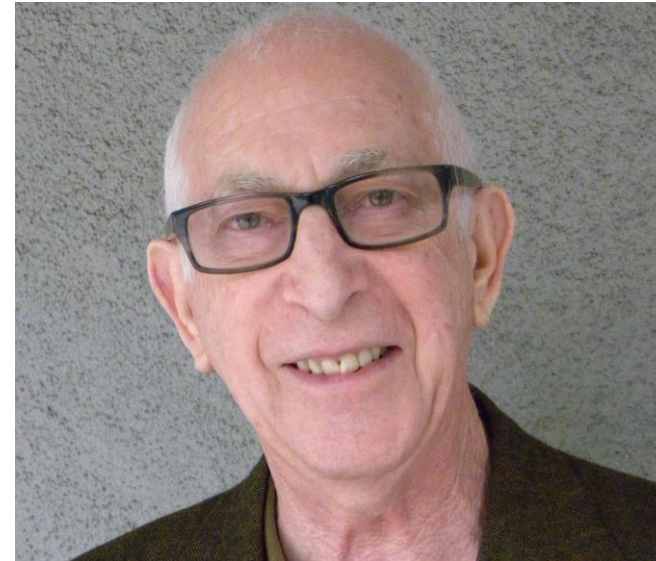
- Co-Founder / President, Citadel Information Group

Board of Advisors, Los Angeles Cyber Lab

Small Business Advisory Council, Cyber Readiness Institute

Early Career

- White House Telecommunications Security
- Nuclear Missile Communications Security
- Cheyenne Mountain Database Security



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SECURE **THE VILLAGE**

Creating CyberGuardians

SecureTheVillage: A community-based response to the cybercrime and privacy crisis.

With the vision of a Cybersecure Global Village, we turn people and organizations into CyberGuardians ... from the Board Room to the Living Room

We are a 501(c)3 nonprofit serving the public interest.

It Takes a Village to Secure the Village™

SecureTheVillage Acknowledges the
Generous Support of Our Platinum
Sponsor



Three Key Things I Want You to Remember

Cybercrime is real and growing. It is costly and can be fatal, especially for SMB companies

Information security is more than IT security. Lots more.

Information security is a management discipline, requiring organizational leadership. The tone is set at the top.

Solarwinds



P
300
Access to:
Bldg 300

P
300
400
Access to:
Bldg 300
Bldg 200
Bldg 400
Bldg 500
Campus Commons





HONDA



EQUIFAX

SONY



yahoo!

Linked in



blackbaud
➤ power your passion



“For health and safety reasons, we’ll be transitioning to cyber crime.”

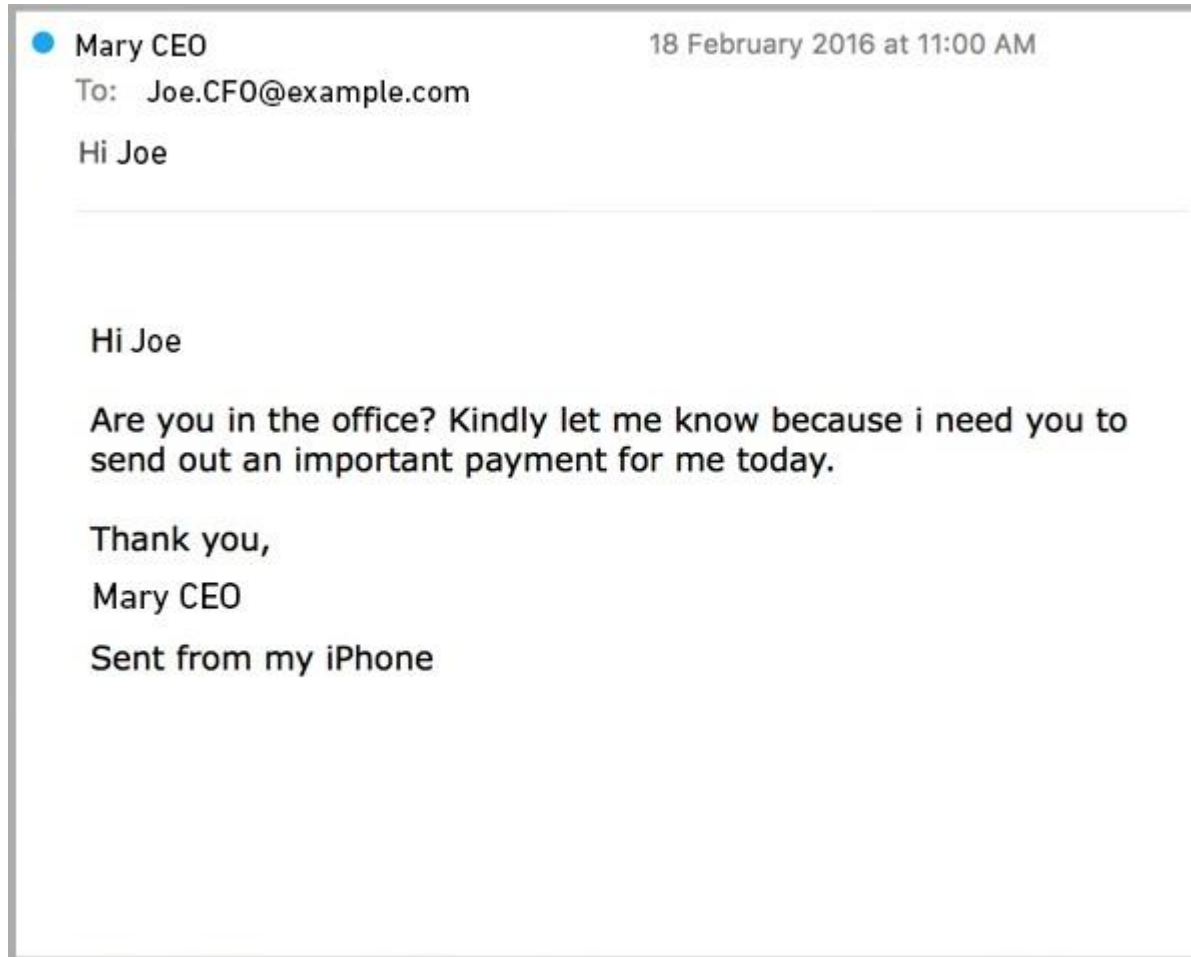


YOUR FILES ARE ENCRYPTED

Your photos, documents and other important files have been encrypted with unique key, generated for this computer.

NEXT

Business Email Compromise (BEC)



2019 BEC Complaints: 23,775
2019 Losses > \$1.7 Billion Total Known.

The Growing Work From Home COVID Threat Landscape

Email Scams Surged 667% in March

Users are now three times more likely to click on pandemic-related phishing scams

Brute Force Attacks Grew 400% in March and April

COVID-19 drives 72% to 105% spike in ransomware variants



Cybercriminals Now Attacking IT Vendors / MSPs. *Stealing the Keys to Many Kingdoms.*

Is your IT partner your biggest cybersecurity threat?

By Adam Harling February 21, 2020

IT Service suppliers are now the target for hackers.



The Legal Landscape: Privacy Laws & “Reasonable Security”

State Breach Disclosure Laws

State Security & Privacy Laws

HIPAA

Gramm-Leach-Bliley

Federal Trade Commission

Securities Exchange Commission

CA Consumer Privacy Act

GDPR



If a company suffers a breach and consumer information is compromised, the company is liable for **statutory damages between \$100 and \$750** unless the company has “reasonable information security practices”

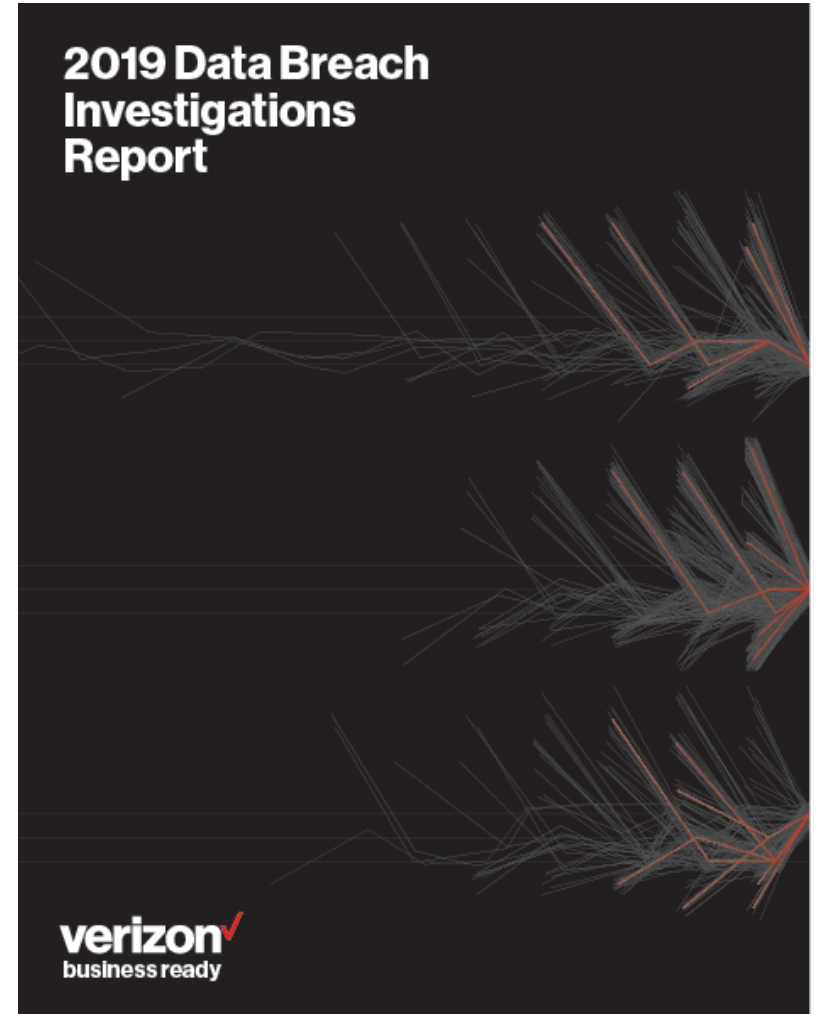
Business Impact of Cyber Crime Is Enormous and Growing

43% of cybercrime attack victims are categorized as small businesses. 60% are out of business within 6 months.

Verizon 2019 Data Breach Investigations Report

Cyber attacks cost small and medium-sized businesses an average of \$2,235,000

Ponemon 2017 State of Cybersecurity in SMBs



The Cybersecurity Crisis

Cyber Crime: Costs of being a victim, including losses to criminal and recovery costs.

Cyber Laws & Regulation: Fines, penalties, and lawsuits for failure to implement “reasonable security.”

Table Stakes: Meeting customer security requirements as a condition of doing business.

Residents: Protecting our family, our finances, our privacy

Citizens: Impact to our privacy, economy, national security



Cybersecurity Is To Be Managed, Not Controlled

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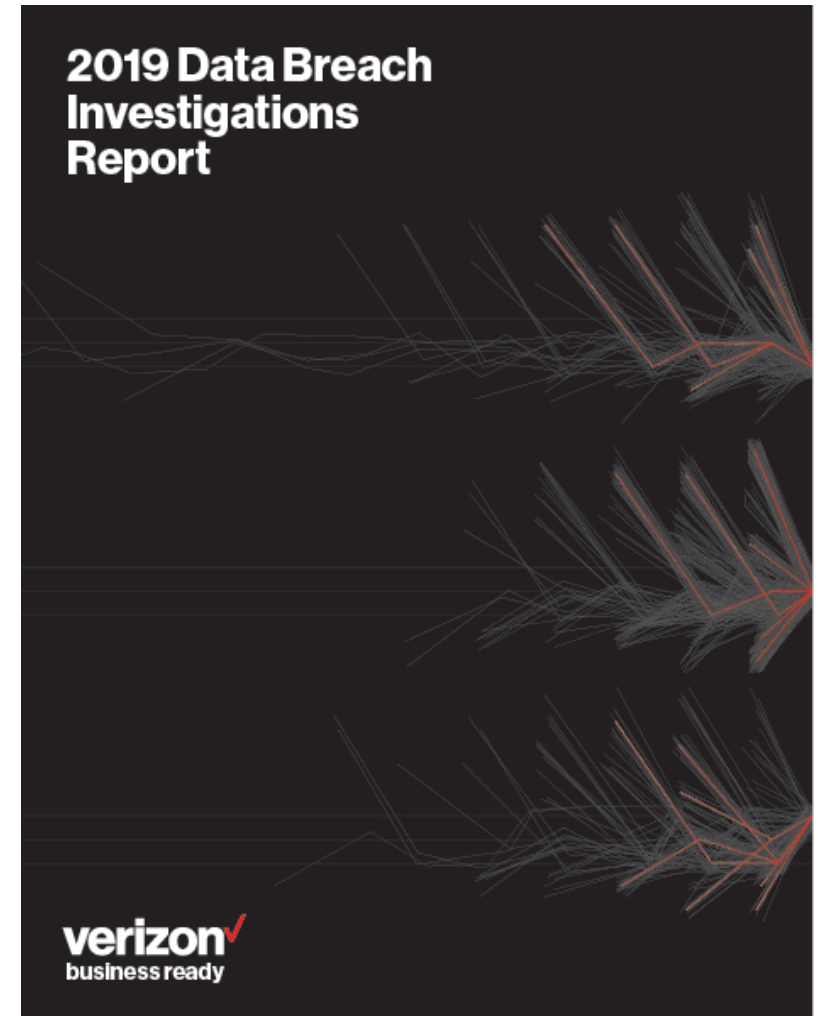
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As many as 80% of successful attacks can be prevented with basic information security hygiene

Verizon 2018 Data Breach Investigations Report



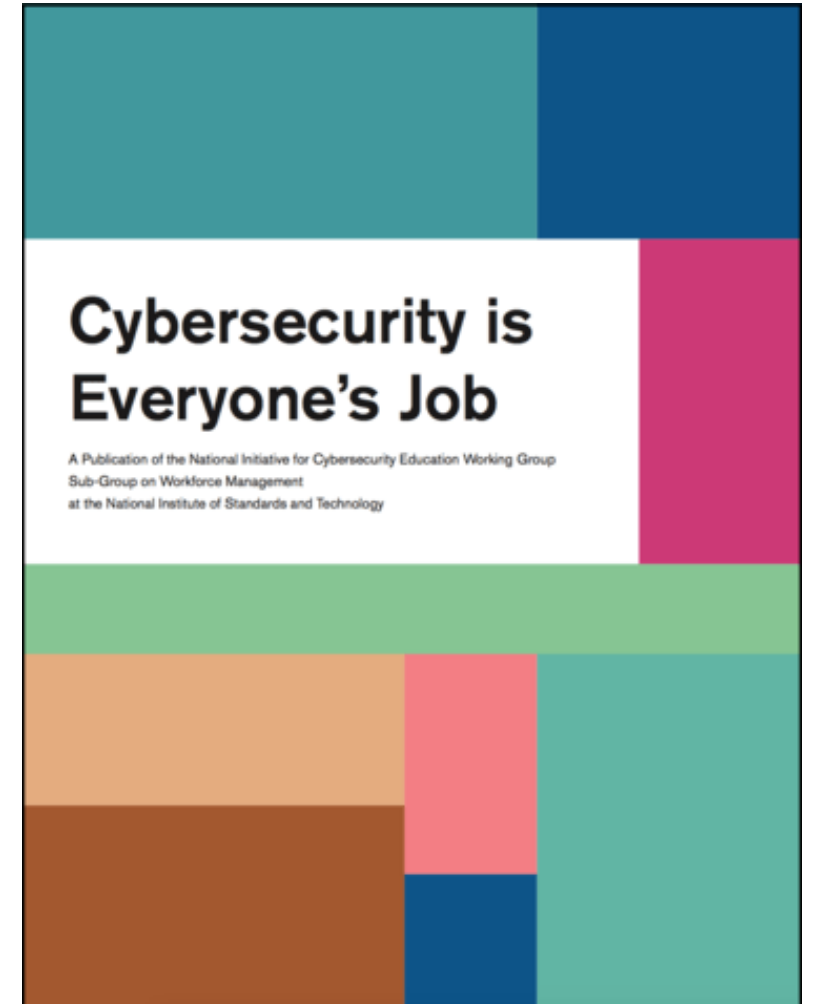
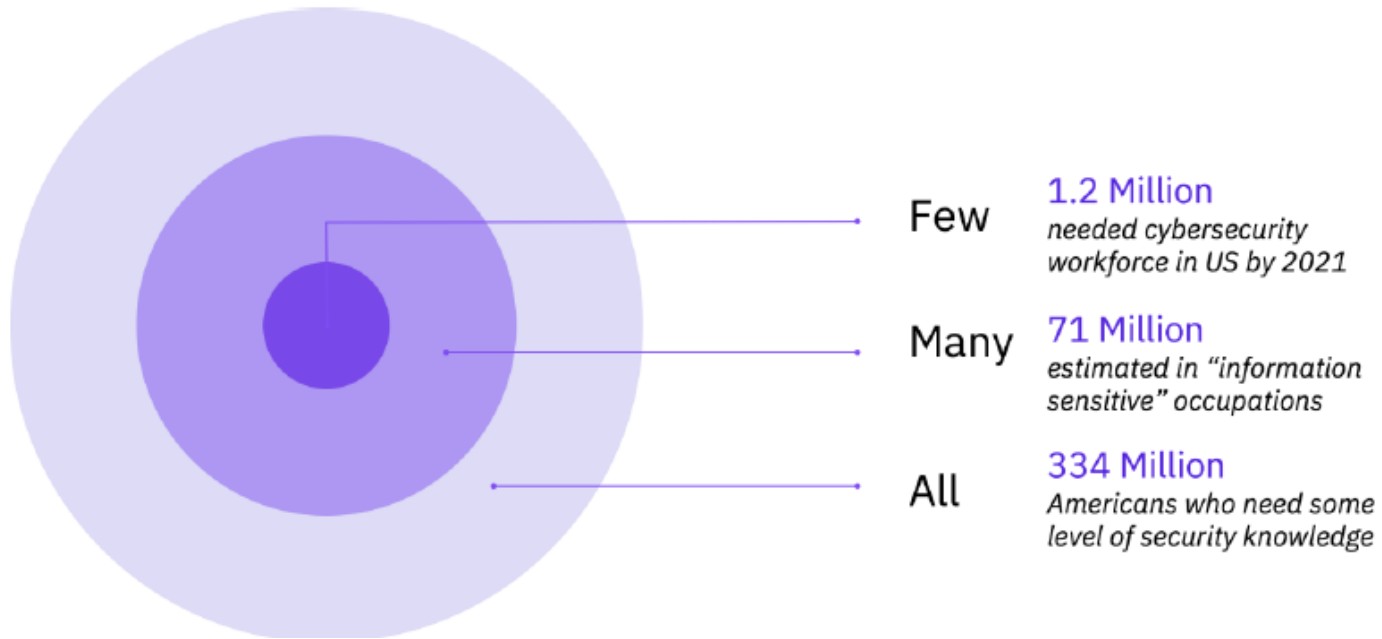
What We Need to Do

Protect ourselves and our families

Protect the places where we work and gather

Be an aware & engaged citizen

Cybersecurity is Everyone's Business



What You Need to Do in Your Organization ... Manage Cyber Risk

Strategy 1: Put Someone in Charge. Support with Expertise. Govern.

Strategy 2: Implement Framework-Based Information Security Policies and Standards.

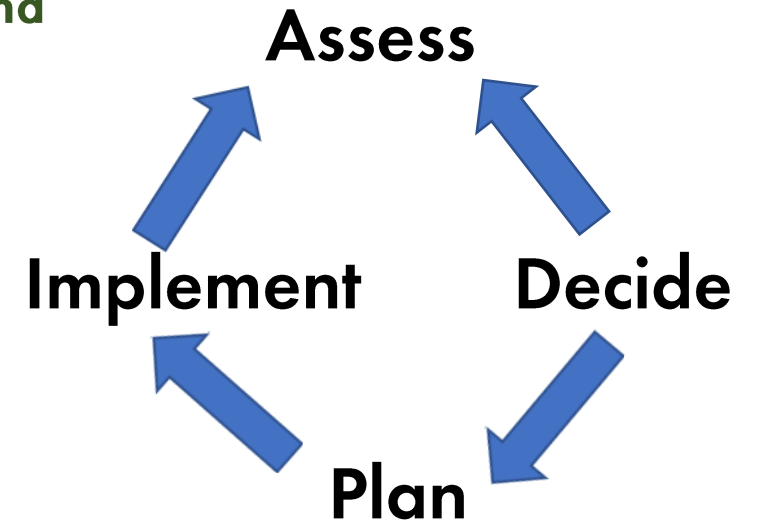
Strategy 3: Identify, Inventory, and Control Sensitive Information.

Strategy 4: Train and Educate Personnel. Change Culture.

Strategy 5: Manage Vendor and 3rd-Party Security.

Strategy 6: Manage IT Infrastructure from "Information Security Point Of View."

Strategy 7: Be Prepared. Incident Response and Business Continuity Planning.



But IT Is Taking Care of Our Security ...



Be a CyberGuardian. Take the Pledge.

CyberGuardians have the knowledge, skills, and commitment needed to meet the ongoing challenges of cyber crime, cyber privacy, and information security.

As a CyberGuardian, I pledge to:

1. **Stay informed** about cyber risks, threats, vulnerabilities, and defensive measures.
2. **Protect** my own and my family's important information and our computing devices.
3. **Share** my cybersecurity knowledge and expertise with village residents.



<https://securethevillage.org/cyber-guardians>

Use Resources of SecureTheVillage

- ✓ FREE Cybersecurity News of the Week & Weekend Patch Report
- ✓ Connect: Follow us on LinkedIn
- ✓ Attend Our Events
- ✓ Learn from Our Library
- ✓ Connect on Our VillageSquare

It Takes a Village to Secure the Village™

SECURE THE VILLAGE Events Resources Village Square Meet Us Our Village Get Involved

CYBERSECURITY TAKES A VILLAGE

Managing our security and privacy is a village-wide effort. With the vision of a cybersecure global village, SecureTheVillage helps communities build a cybersecure future.

UPCOMING EVENTS

- THU, DECEMBER 10, 10:00 AM**
Information Security Management Webinar: PCI DSS 4.0 with Scott Pierangelo
- TUE, DECEMBER 15, 2:00 PM**
Insurance Brokers Cybersecurity Roundtable: What Your Clients Need to Know About Information Security Management with Dr. Stan Stahl, PHD
- FRI, DECEMBER 18, 8:00 AM**
Financial Services Cybersecurity Roundtable: December 2020

[GET INVOLVED >](#) [SEE MORE EVENTS >](#)

Attend > **Learn >** **Connect >**

BECOME A CYBERGUARDIAN

Protect your community: take the CyberGuardian Pledge, join our email list, get invited to [events](#).

[TAKE THE PLEDGE >](#)

Three Key Things I Want You to Remember

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The future is not a gift. It
is an achievement.
Robert Kennedy



Thank You!!!!

SECURE **THE VILLAGE**

securethevillage.org

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