RANSOMWARE:
DON'T CALL IT A COMEBACK

THE WEBINAR WILL START PROMPTLY ON THE HOUR

ALLIANT CYBERSECURITY
An alliantgroup Company

WINDES
AUDIT | TAX | ADVISORY

Presenters

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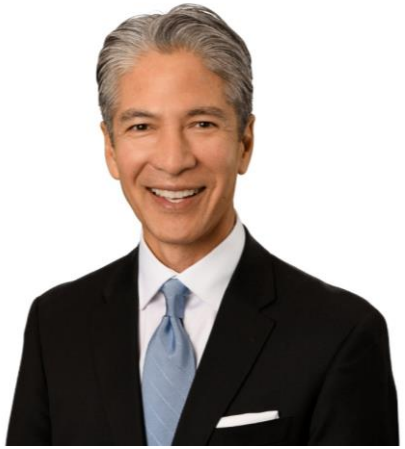

Kelly Onyedebelu

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KASANDRIA RAMOS

Kasandria joined Windes in 2021 and is an IT Project Specialist in the firm's Administration Department. Her experience in network administration, communications, and cybersecurity was tailored by the United States Marine Corps and the affiliate groups that provide corresponding civilian training and certification.

Her primary duties include project creation, deployment, and management to best develop initiatives that meet the needs of the firm's business model to put Windes at the cutting edge of technology, while maintaining an aggressive level of security.

KASANDRIA RAMOS

Windes IT Project Specialist

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KELLY ONYEDEBELU

Kelly has worked for over 15 years to provide memorable experiences and customer service leadership throughout all stages of the business.

As the Customer Experience Manager, he believes in working for clients from the very beginning to make sure that Alliant not only meet your needs, but that they exceed them. With experience in the oil and gas industry, health care, government, and enterprise, Kelly believes in building bonds and leaving positive impressions for all of Alliant's clients.

KELLY ONYEDEBELU

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Customer Experience Manager

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WINDES OVERVIEW

WINDES
AUDIT | TAX | ADVISORY

- Established in 1926
- 30 Partners, 180 Total professionals
- Audit & Assurance Services
- Tax Services
- Advisory Services
  - Cybersecurity
  - Employee Benefit Services
  - Employee Retention Credit Services
  - Mergers & Acquisitions
  - Outsourced Accounting Services
  - Paycheck Protection Program (PPP) Loan Forgiveness
  - Value Acceleration & Exit Planning

Long Beach
Headquarters

Los Angeles

Irvine

- Full-service offices in Long Beach and Irvine
- Satellite office in Los Angeles
- 7,000 Clients
- Diversified across all industries with the exception of banking
- National and International Network through Allinial Global

ALLIANT CYBERSECURITY OVERVIEW

ALLIANT CYBERSECURITY
An alliantgroup Company

Alliant Cybersecurity was founded by industry leaders with decades of experience in enterprise risk management, cybersecurity, professional services and legislation.

We work with leadership within professional services firms and their clients to implement security strategies, offer advisory services and comprehensive policies and procedures tailored to the unique needs of the middle market.

Please submit questions
using the Q&A button
at the bottom of your screen.

What is Ransomware?

- Ransomware is only one of the many cyber attacks your business, corporation, or organization may fall victim to.
- Ransomware is a type of malware that prohibits access to systems until ransom is paid.
  - Payment is usually in the form of Crypto currency.
  - Exploits vulnerabilities and gaps in your cyber environment.

"Fun" Ransomware Facts

- Ransomware is not new. The first ransomware was spread by a biologist in 1989! The application, known as "The Aids Trojan", encrypted files on a computer and was spread with floppy disks. The collected ransom was $189.00.
- Your antivirus solution alone cannot protect you from ransomware.
- Ransomware costs businesses more than $75 billion per year.
- A new organization will fall victim to ransomware every 11 seconds this year alone.

Continued "Fun" Ransomware Facts

Apple was attacked after their smaller partner, Quanta was attacked and refused to pay the ransom.

The Houston Rockets missed a wide-open layup and, unfortunately, were the victims of a cyber attack that could have been avoided.

POLL QUESTION ONE

1. When did you last experience a cybersecurity incident?

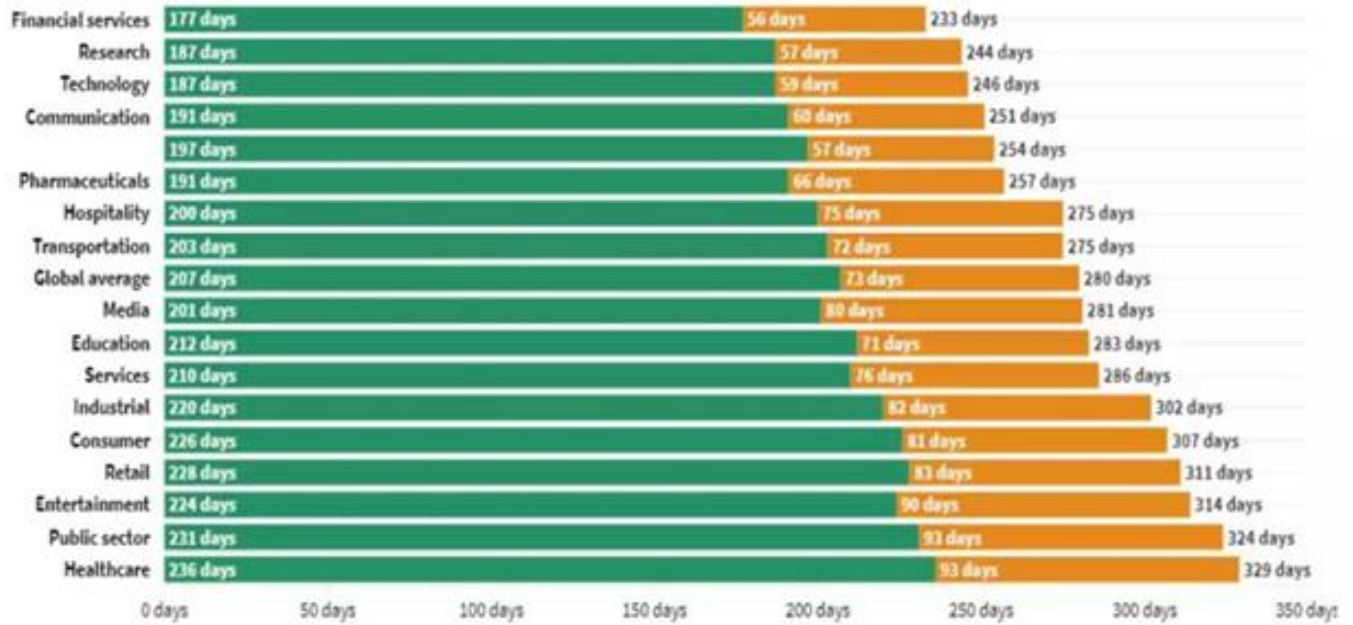
    a. Last 90 days
    b. Last year
    c. Last 3 years
    d. Last 5 years
    e. I have never had an incident

Ransomware Is On The Rise

- A ransomware gang targeted SMB business and encrypted QNAP backup server devices for thousands of business over the course of five days.
- The DC police department confirmed that 250 GB of files were stolen. The threat actors gave the police three days to contact them, or they would contact gangs and warn them of informants.
- A film company disclosed that parts of their network had to be taken down across the country as a result of ransomware. The attack disrupted email, billing, and their reporting systems for at least a day.

WHAT IS AT STAKE?

The Number of Days to Identify & Contain Breach



- Average is around 275 days to detect a breach and then contain the attack. 200 days to detect, 75 days to contain.

THE THREAT LANDSCAPE

FOUR DIFFERENT AREAS OF THREAT ACTORS

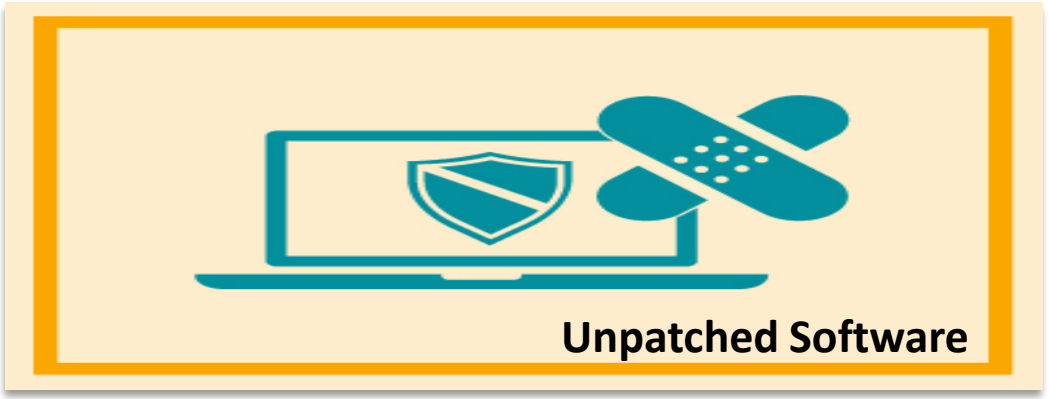
Cyber Criminals

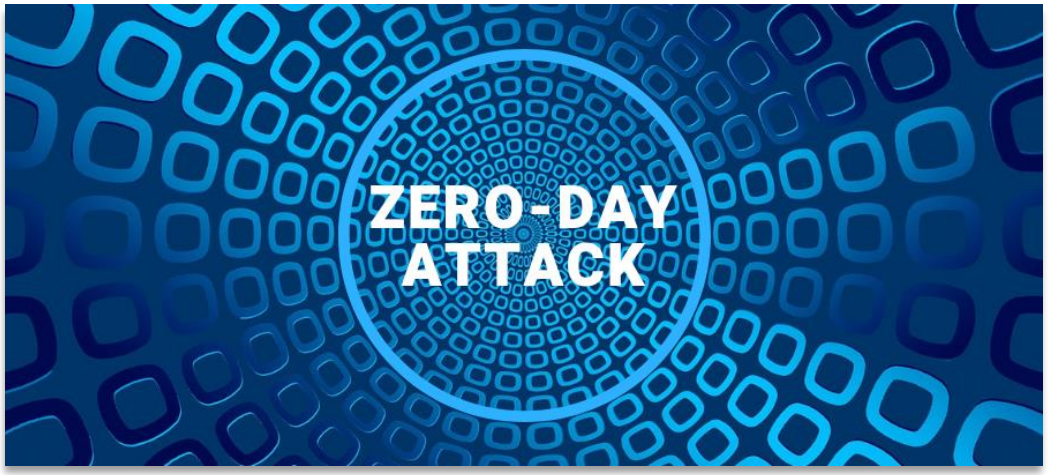
Insider Threats

Hacktivists

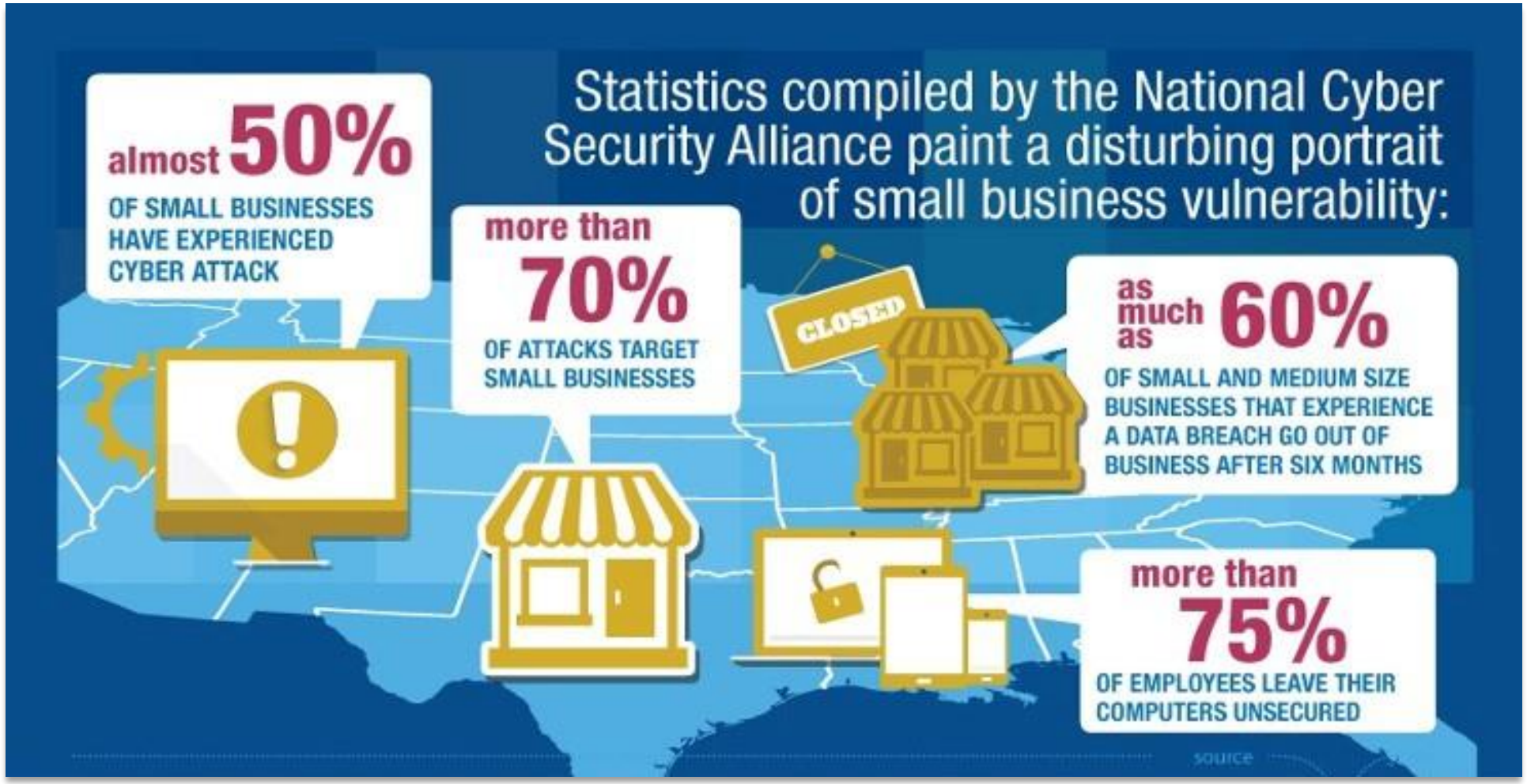
Nation States

The Threat Landscape





More Bad News



Poll Question Two

How prepared do you feel your company is for a cyber attack?

1. Very Unprepared
2. Somewhat Unprepared
3. Neutral
4. Somewhat Prepared
5. Very Prepared

Top 3 Ransomware Myths

#1 Cyber Myth

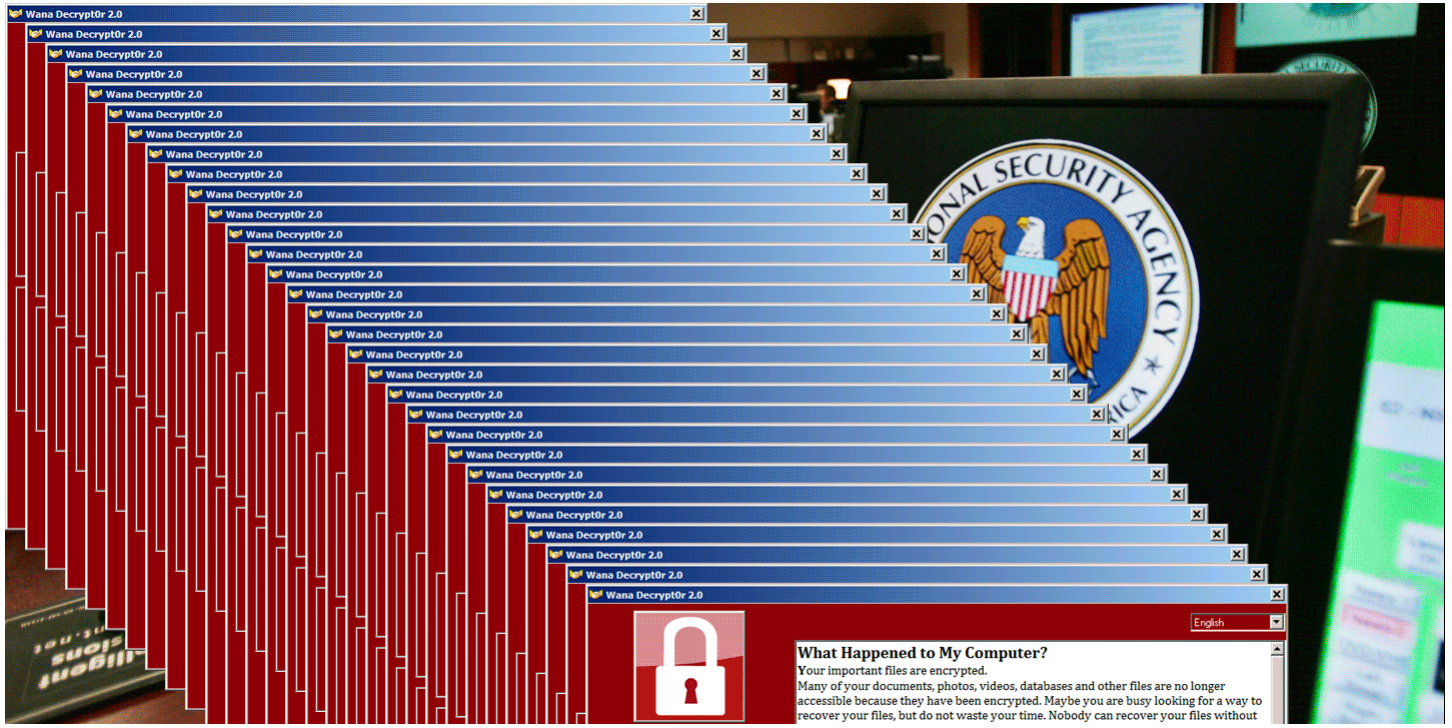
My business is not a ransomware target.

My Business Is Not A Ransomware Target

The low hanging fruit conundrum: Threat actors are looking to QUICKLY break in and get out with the least amount of effort. SMB organizations do not have the ability secure their enterprises with the same high-end defenses. How do you defend your home?

My Business Is Not A Ransomware Target

Where are you on the supply chain: Ransomware is constantly moving from system to system, corporation to corporation. If a company that you are partnered with is infected, you are very likely to be at risk too!



#2 Cyber Myth

We can always just pay the ransom?

We Can Always Just Pay The Ransom

Paying the ransom is NEVER a good idea.

We Can Always Just Pay The Ransom

Paying the ransom let's criminals know that attacks work.

We Can Always Just Pay The Ransom

Why would you trust someone who has already betrayed you?

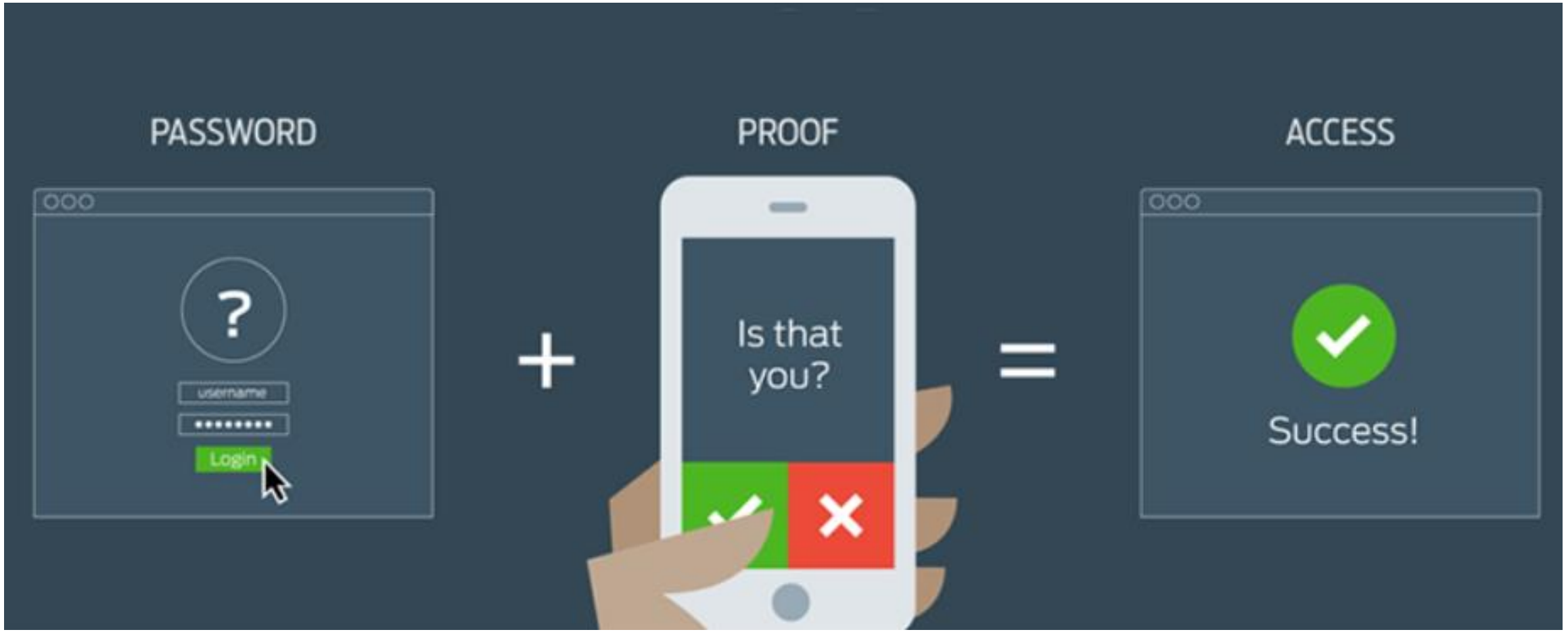
#3 Cyber Myth

I use antivirus software and MFA so I will be fine.

YOUR ANTIVIRUS SOFTWARE AND I HELP YOU

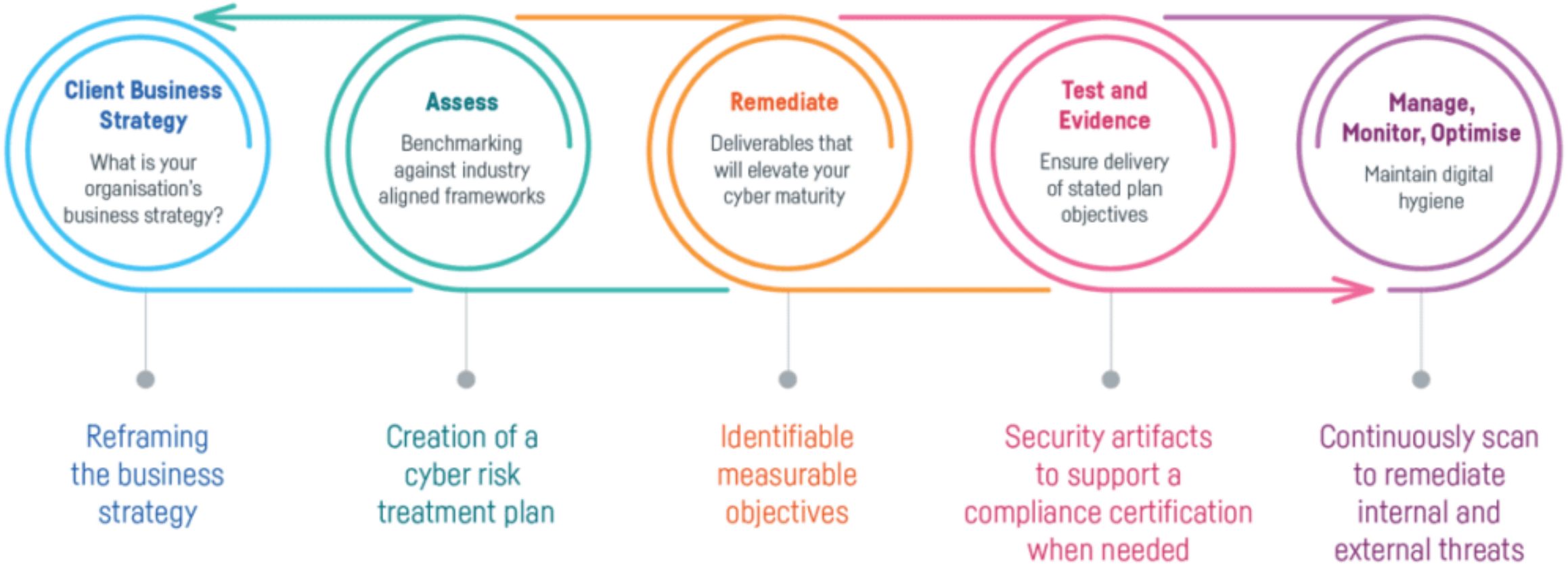
I USE ANTIVIRUS SOFTWARE AND MULTIFACTOR SO I WILL BE FINE

I Use Antivirus Software And Multifactor So I Will Be Fine



What Can You Do?

1 – Perform a Risk Assessment

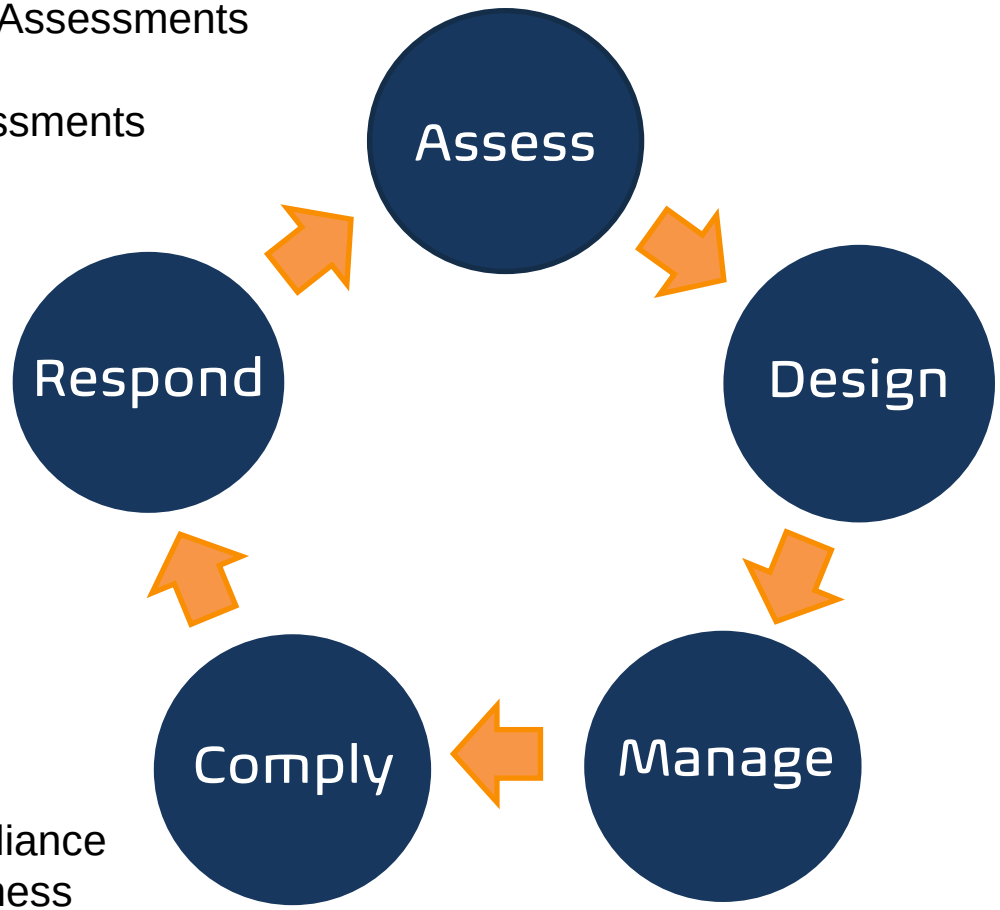


2 – Understand your internal gaps

1. Review your corporation's formal risk appetite statement for cyber issues, if you have one – otherwise create one.
2. Determine how your organization rates and ranks within your industry.
3. Have candid conversations with your IT or MSP teams.
4. Determine next steps and prioritize them based on risk.
5. Continual education and training of staff.

3 - Understand that Cybersecurity is a Journey

- Cybersecurity Risk Assessments
- SOC Readiness
- Infrastructure Assessments



- Network Security
- Data Protection
- Infrastructure Design
- Cloud Security
- Technology Consulting

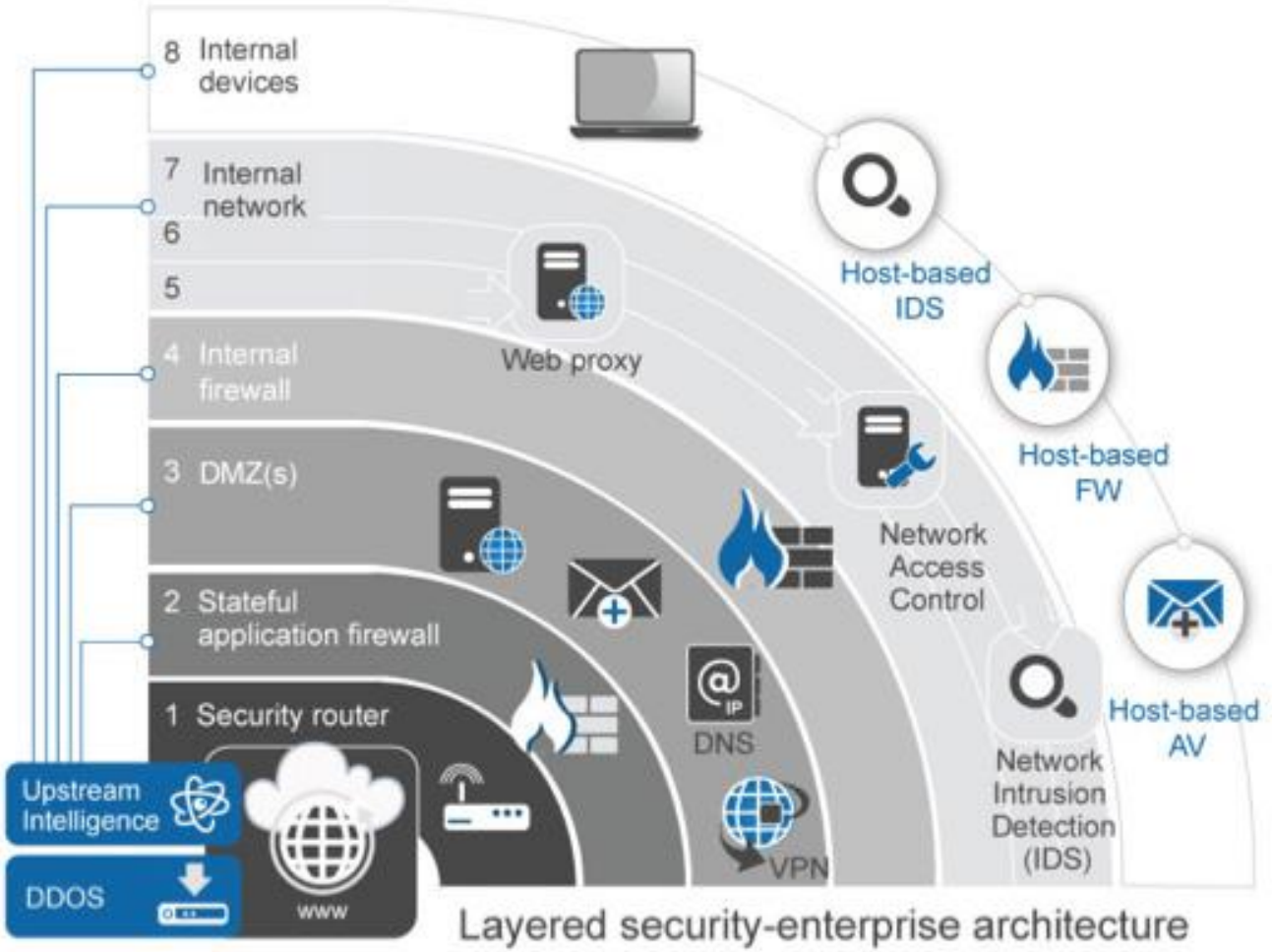
- Incident Response Planning
- Business Continuity and Disaster Recovery
- Digital Forensics

- Framework Assessments
- Data Privacy
- Government Compliance
- Compliance Readiness

- Education and Awareness Training
- Policy Planning
- Penetration Testing
- Virtual CISO
- Managed Security Services

4 – Develop a Defense in Depth Strategy

Takes layers of integrated technology that is tended to by experts.



Poll Question Three

Which of the following is the most challenging for you?

a. Backup Strategy
b. Patch Management
c. User Authentication / Password Management
d. Training and Awareness
e. Vulnerability Detection

Questions?

Presenters

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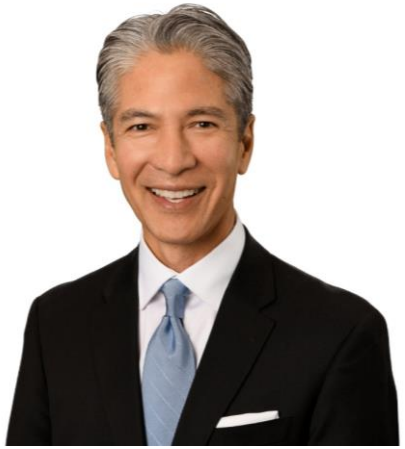


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