Cyber-Security Summit

Building a Strong Cyber Culture

Accenture

Speaker & Topic

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Information technology and cyber-security executive with over 11 years of experience and expertise in business, technology, cyber-security operations, and transformation. Didier is passionate about collaborating with public and private sector organizations to rapidly increase the resiliency and reliability of cyber-defense and recovery capabilities. Additionally, he is passionate about developing and embedding security into every business and technology function from the cloud, application development, migration, and operations. His expertise and experience range from collaborating with organizations on their journey to developing and implementing security operating frameworks, Zero Trust, Cloud Security, and Data Protection roadmaps to protecting the security, reliability, and resiliency of information systems supporting mission-critical government and business systems.

Why a Security Culture

What Constitutes a Culture of Security?

Group Discussion

How do you get to a strong culture?

CYBER CULTURE BEGINS AND ENDS WITH OUR *PEOPLE*

ATTACKERS KNOW HOW TO EXPLOIT HUMAN FLAWS:

88% OF DATA BREACHES CAUSED BY EMPLOYEE NEGLIGENCE*

*Source: Stanford University and Tessian Security 2020 (The Psychology of Human Error)

IN THE RACE FOR CYBER RESILIENCE, PEOPLE ARE AT THE CENTER

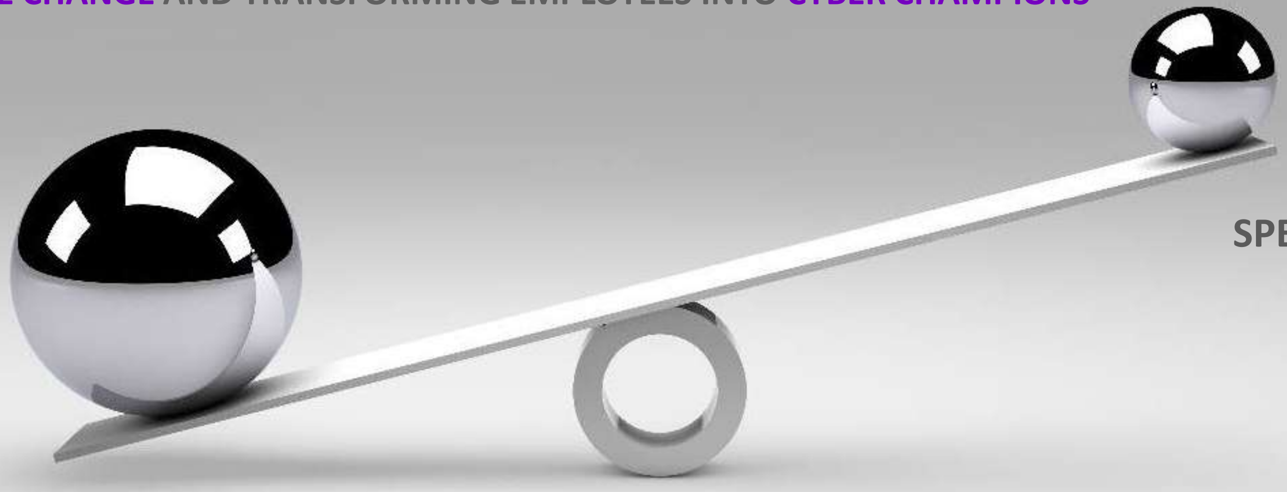
WHAT'S THE ANNUAL COST OF CYBER CRIME?

$6 TRILLION IN 2021

ACCENTURE SEEKS TO **LEVEL THE PLAYING FIELD** AGAINST THREAT ACTORS BY **REDUCING HUMAN RISK** THROUGH **FUNDAMENTAL CULTURE CHANGE** AND TRANSFORMING EMPLOYEES INTO **CYBER CHAMPIONS**

INCIDENTS ATTRIBUTED TO HUMAN FALLIBILITY:

95%



SECURITY SPEND INVESTED IN THE HUMAN FIREWALL:

<5%

TODAY'S CULTURE		TOMORROW'S CULTURE
Security and IT are responsible for cybersecurity	→	**EVERYONE** is responsible for cybersecurity
Only Executives have sensitive information that should be protected	→	**ALL Employees** have information that must be protected
Only businesses can be harmed by cyber threats	→	**ANYONE**, including families, friends, clients, and contractors can be affected by cyber threats
Security is a **Roadblock**	→	**Security is an enabler,** contributes to making IT systems more reliable, resilient, and secure

A CHAIN IS AS STRONG AS ITS WEAKEST LINK…

TRANSFORM YOUR EMPLOYEES INTO YOUR STRONGEST ASSET

BUILD A ‘HUMAN FIREWALL’ THROUGH A CYBERSECURITY PROGRAM THAT FOCUSES ON:

Sponsorship

With vision, **roadmap, sponsorship,** and dedicated budget

ENABLEMENT

Policies and standards to convert knowledge and practice into behaviors that are embedded into ‘ways of working to reduce operational costs, penalties, and breaches.

ENGAGEMENT

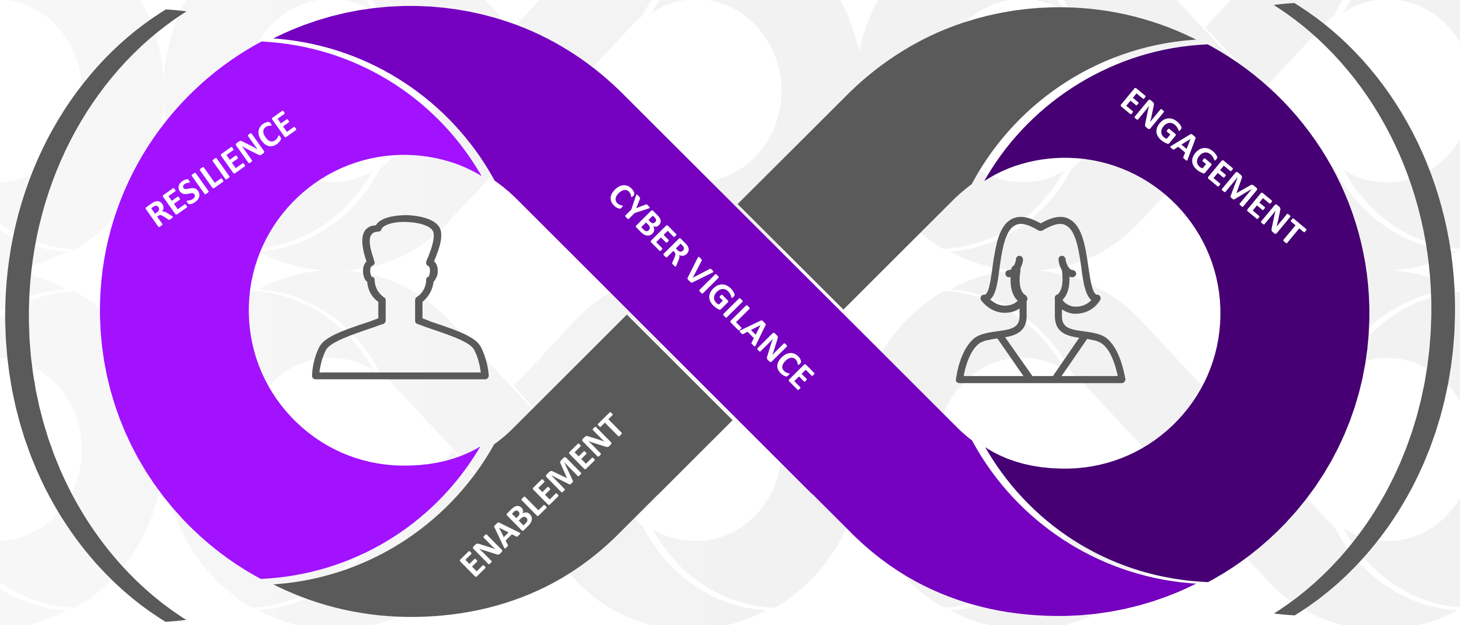
With **compelling and insightful content** that targets relevant threat scenarios to move beyond mere compliance.

CYBER VIGILANCE

With **awareness and understanding** of roles and responsibilities, and clearly defined processes and procedures

RESILIENCE

With a **security-embedded culture** that takes proactive steps in detecting, preventing and resolving suspected or actual incidents



WHEN WE THINK ABOUT BUILDING A HUMAN FIREWALL, WE THINK ABOUT FIVE PILLARS:

1 CYBERSECURE BEHAVIORS AND CULTURE CHANGE

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Transforming the organization wide culture and elevating capabilities to drive ‘security first’ ways of working with insights

- **Behavior Change Programs**, Phishing as-a-Service, & Off the shelf Digital Learning

5 MEASURE & ASSESS

● ●

- Phishing clicks for high-risk individuals (finance, security executives)
- Completion of required and optional trainings
- Number of reported incidents
- Number of security certifications

2 CYBERSKILLS & SPECIALIZED LEARNING

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Educating your Technology and Cybersecurity talent to become more responsive to threat

- Immersive learning w/ **Persona-based (technical audience)** Learning paths
- Digital OT Security Academy, Table-tops and Adversary simulation
- **Orchestrated Roles based Sec Training**

3 CYBERSECURITY TALENT MANAGEMENT

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Attracting, onboarding, developing and retaining top Cybersecurity Talent to your organization

- Cybersecurity Work & Workforce Strategy, New Skilling and Upskilling
- Sr. Officials Reporting

4 HUMAN-CENTERED CHANGE FOR SECURITY IMPLEMENTATIONS

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Supporting change for Security (Technology, Process) implementations, promoting adoption and embedding change

- Organizational Change Management (OCM) for **Digital Identity, Cloud, IRM, & Compliance Programs**
- Mobilization and Governance

● Build and Transform Services ● Managed Services

How are you doing with **building a strong cyber-culture?**

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