

WELCOME

Building a Cybersecurity Training Path
and Long-Term Credentialing Program





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Agenda

- End User Responsibility
- Security Awareness: Training Basics
- Security Awareness: Case for Credentialing
- Q/A

SECURITY PROFESSIONAL

IT PROFESSIONAL

Novice

Intermediate

Specialist

Manager/Other

A+ -> Network+ ->

Security+ -> CFR ->

CASP -> CISSP

CompTIA: A+, Network+,

Security+, CASP

Logical Operations: CFR

ISC2: CISSP



All Staff

IT Personnel

Security
Team



How do we ensure we're
securing the company from
the ground-up?

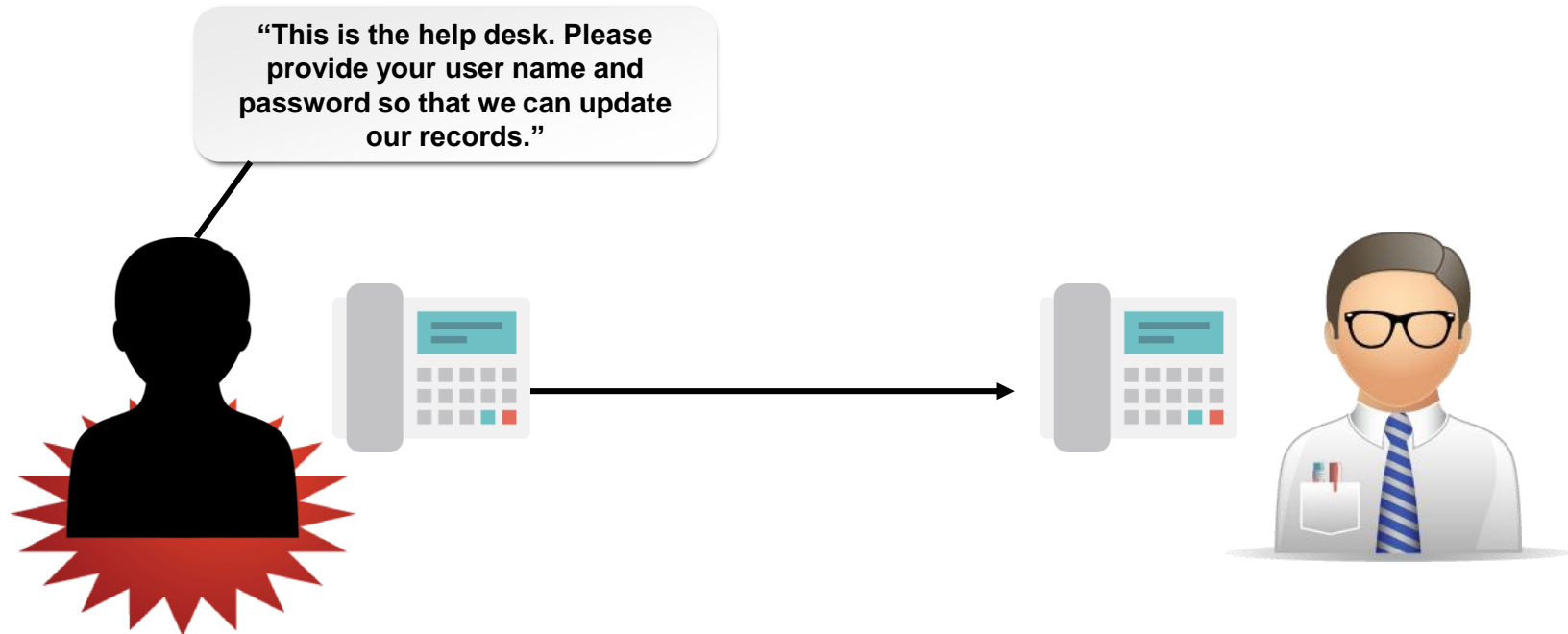
Most security programs focus on
training IT.

Agenda

- **Know what is in your Acceptable Use Policy.**
- **Recognize social engineering, a phishing email**
- **Recognize and avoid malicious software**
- **Recognize a secure website and a non-secure website**

Topics of Interest:

- **Passwords**
- **Wireless**
- **Safety in email**
- **Social networking concerns**



Would this work on you?

This is Dave from IT: "Why are you hacking our Network?"

User: "I'm not. What are you talking about?"

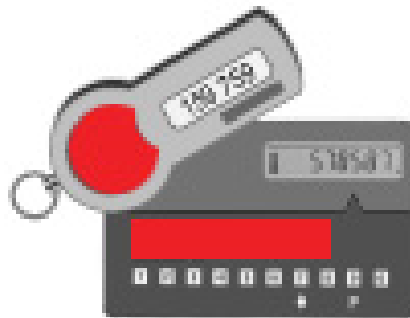
Dave from IT: "I'll help you to open Event Viewer, so you can see what I am seeing."



How about this one?

- Record passwords securely.
- Give the most sensitive resources the most complex passwords.
- Treat your email account as your most sensitive resource.
- Report breaches immediately and change passwords on compromised systems.
- For token-based systems, store the token securely.

**\$7RONG
P@\$SWORD**



Can you recognize malicious software?



The vast majority of Malware is installed by the user.

- Be aware of organizational wireless policies and comply with them.
- Be mindful of usage of insecure wireless communication.
- Disconnect and “forget” insecure wireless networks.
- Unpair Bluetooth devices when lost or decommissioning them.
- Do not be misled to connect to an official-sounding rogue access point.

Holiday Inn



Holiday Inn





`http://www.Microsoft.com/support`

`http://www.Microsoft.com/support`

`http://get.adobe.reader.com/index.html`

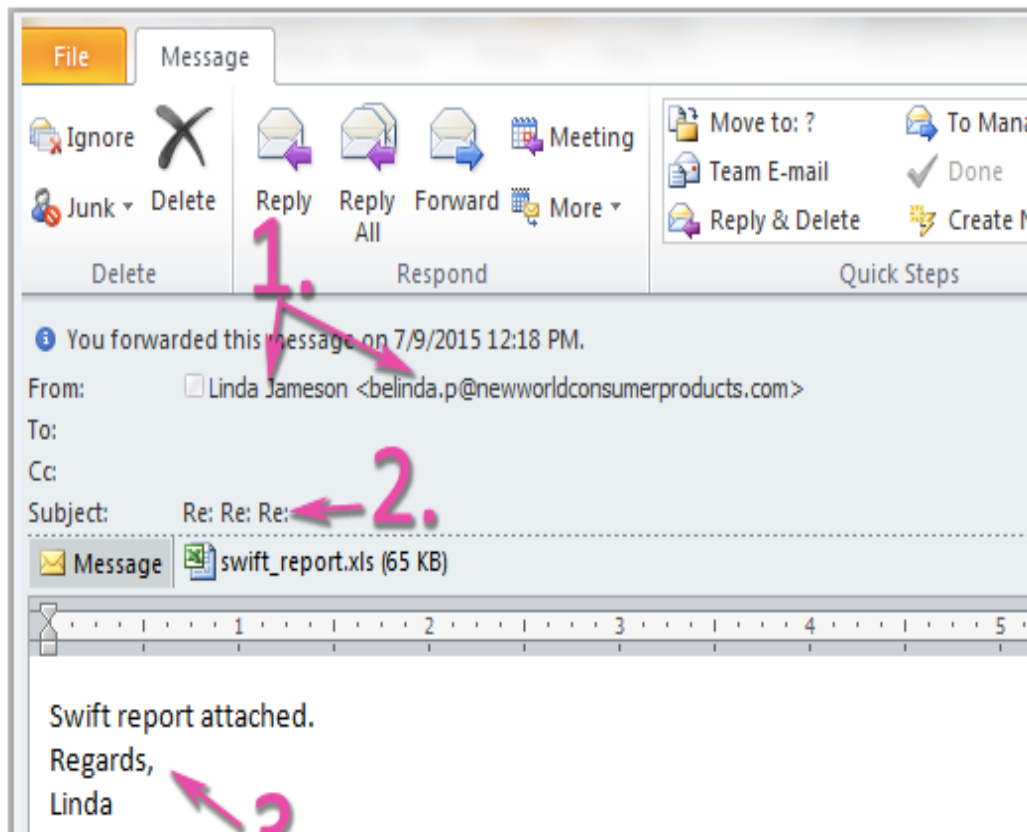
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Email Links and Attachments

1. **The name of the sender does not match the name in the email address.** This is nearly 100% proof that the sender has been spoofed.
2. **The subject shows a history of back & forth conversation.** If you do not recall conversing with the sender named in the message, chances are the message is fake.
3. **The body is vague and doesn't address the recipient.** If you got an email from a stranger, wouldn't you expect them to introduce themselves and their intentions? This message is very generic.



Social Networking Security



Why earn a Credential?

- Training Programs lack one critical component:
Engagement
- Credential process helps guarantee engagement
 1. Approach program with greater effort and attention
 2. Ability to demonstrate mastery of subject matter
 3. Greater chance of applying knowledge on the job

Common Credential Program Traits

- Formal exam (maybe at a remote location or testing center)
- Limited (maybe even 1) attempts
- Focus on memorization
- Static results (earned a certificate/featured in an announcement once) – no continual focus

*All create a negative vs.
Engaging Experience*

Recommended Credential Program Traits

1. Training in a **Group Setting or Self-Paced**
2. **Self-serve, at your own pace**
 - After class, a week after class, during class
3. **Unlimited retakes**
 - True acceptance of course material
 - Eliminate temptation to memorize
4. **Public verification** through Pearson Acclaim
 - Web URL for email signatures
 - Badging option on LinkedIn profile
5. Automatic reminder to **re-certify after one year**
 - Update to stay current

A field of dark grey umbrellas with one bright blue umbrella in the foreground, symbolizing security and protection. The background is a dark, gradient grey.

cyberSAFE

[Securing Assets For End-users]

"End-user awareness and training reduces security-related risks by 45% to 70%." - [Reuters.com](https://www.reuters.com)

Training and a Credential for the Weakest Link in the Security Chain: End-users

[CyberSAFEcertified.com](https://www.cybersafecertified.com)



Joe Mignano



✓ Verified
Learn More

Certified CyberSAFE Credential

Earners of the Certified CyberSAFE credential by Logical Operations are non-technical end-users of computers, mobile devices, networks, and the Internet who possess the skills and knowledge required to use technology safely in order to minimize digital risks. This badge demonstrates that end-users are equipped with the knowledge they need to be good stewards of their own data and the data critical to their organizations.

ISSUED BY Logical Operations / Communispond	ISSUED TO Joe Mignano	ISSUED ON 08 Jul 2016	EXPIRES ON 08 Jul 2017
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SKILLS

- Cloud Application Security
- Cyber Data Protection
- Device Security
- Email Security
- Malware Mitigation
- Password Security
- Security Compliance Requirements
- Social Media Security
- Web Application Security
- Wireless Device Security

WHAT IT TAKES TO EARN THIS BADGE

- Complete the CyberSAFE (Securing Assets for End Users) Course
- CyberSAFE Assessment

[View Additional Information >](#)

Create a Security Aware Culture

- Cards and table tents in common areas
- Hang signs in hallways
- Pass out coffee mugs and t-shirts
- Management team involvement
- Awareness videos



CyberSAFE Readiness Test

- A complimentary assessment intended to gauge employees' preparedness against imminent cyber threats
- Comprised of 15 questions that are designed to measure an individual's knowledge of how to detect and avoid common cyber threats
- New Horizons can provide you with an access key and instructions

Thank You

Get CyberSAFE certified today!



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