



Cyber Awareness Training

Jason Rorie

- U.S. Navy Veteran 1996-2000
- Government Top Secret Clearance
- Worked with Small Businesses for 17 years
- Certified Cyber Security Analyst (CySA+)
- Certified Ethical Hacker (C|EH)
- Certified Information Systems Security Professional (CISSP) *pending verification
- Microsoft Certified Solutions Expert – Cloud and Infrastructure (MCSE)
- Degrees in Computer Network Engineering, Management of Technology
- Masters Degree in Information Assurance and Cyber Security (March 2020)
- Author of “Small Business – A Hacker’s Playground”
- Founder of Cyber Security Insurance Group, LLC

Stats Are Usually Boring – These Are Not!

- **1 in 5** small to medium-sized businesses will suffer a cyber breach this year.
- **81%** of all breaches happen to small to medium-sized businesses.
- **90%** of today's cyber attacks start with an email.

Has anyone experienced or been victim of a email scam, ransomware outbreak, etc.?

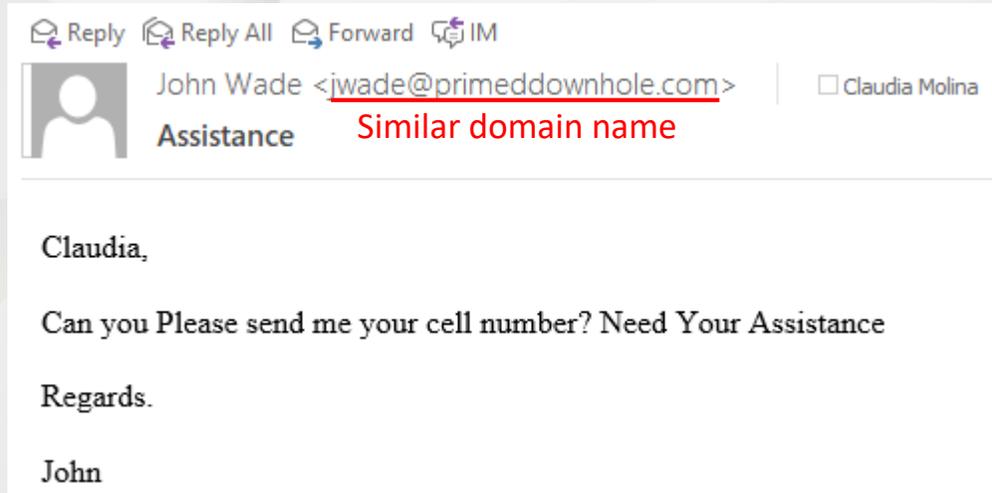


Phishing Examples

- E-mails from boss asking for Google Play gift cards, VISA gift cards, etc.
- Domain names that look alike (**elevated-tech.com**) (**ellevated-tech.com**)
- Similar names (**jsmith**) (**jsmiith**)
- Office 365 fake alerts (Never trust Office 365 alerts)
- Hacked webcam/laptop; asking for bit coin
- Vendor Notices (One Drive, DropBox, etc.) - Never click links. Always type the website address in a browser
- Link Masking – Hover over the link to see where it will take you

Are These Phishing Scams?

No "To:" section



From: Jaster Mark <Info.Office@homemail.com> **Correct name but incorrect e-mail**
Sent: Wednesday, June 12, 2019 11:58 AM
To: Claudia Molina <cmolina@primedownhole.com>
Subject: Jaster Mark

Hi Claudia,

I need to update my pay check direct deposit details, can the change be effective for the next pay date?

Thanks.
Jaster Mark

From: sales sales <sales@ptp.co.th>
Sent: Tuesday, April 30, 2019 8:33 AM
Subject: Re: Inquiry from KROHM STAHL GmbH

Dear Sales. **Doesn't address specific individual**

We would be interested in your product.

Poor grammar, doesn't address specific product

Please email back if the attached prices are still valid, if not please quote your best prices.

Kindly advise availability also.

Waiting your offer ASAP.

Mit Freundlichen Grüßen

Regards

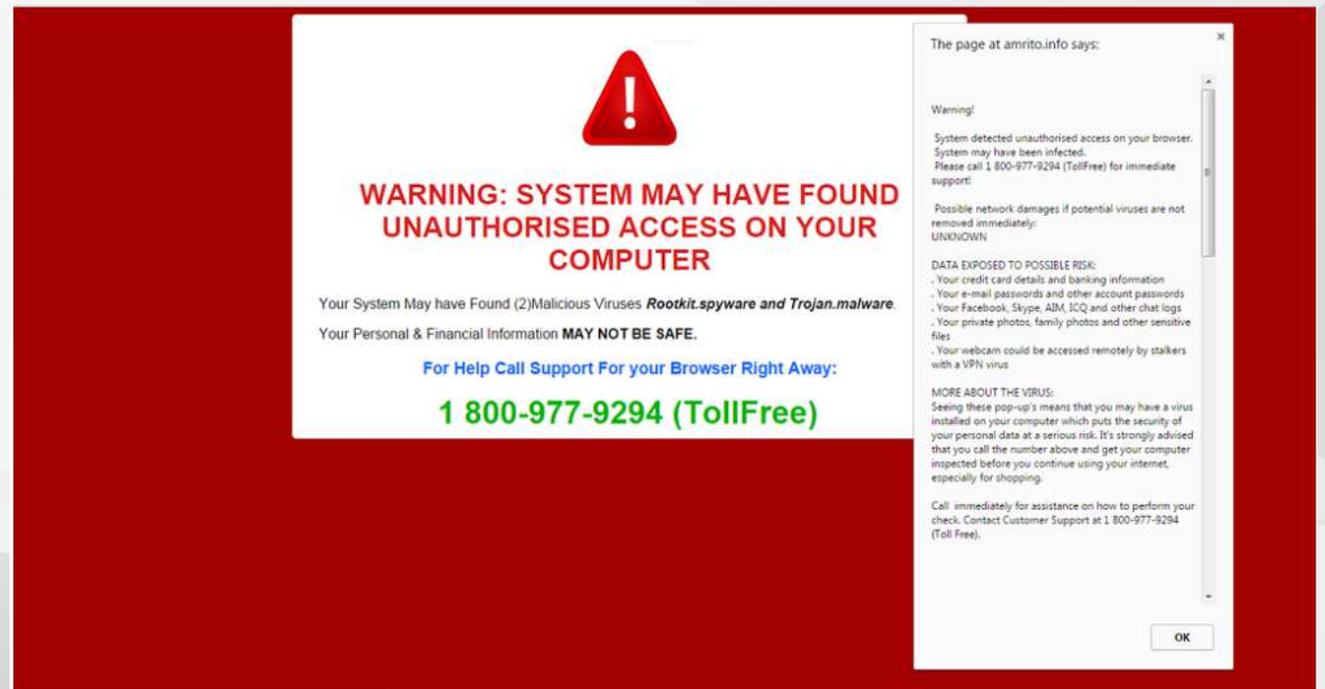
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What is Social Engineering?



Examples of Social Engineering

- Pretexting & Whaling attacks - Someone pretending to call from Microsoft/Dell/IT Company
- Pharming– Injecting malicious code into a website (website fake virus scams)
- “One-ring” phone scam
- Nest Cam – 2FA





And I can't remember what email address we used to log on to the account, and the baby's crying—

REAL FUTURE

Why Small to Medium-Sized Business?

- Fewer resources
- Minimal security expertise
- Inferior (or freeware) anti-virus
- Less advanced security layers
- Less stringent security and password policies



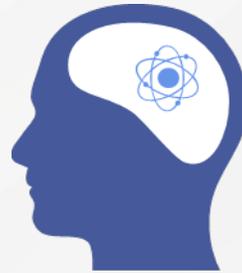
The Requirements for Effective Security

Technology



- Firewalls
- Patching
- Anti-Virus
- Cyber Monitors
- Dark Web Monitors

Awareness Training



- Email Phishing Simulation
- Social Engineering
- Teach Verification
- Create a Human Firewall

Insurance



- Cyber Liability Insurance to transfer the risk you can't eliminate
 - Breach, Extortion, Business Loss coverage

Last Stat – I promise!

84% of cyberattacks reported had been due to human error.

This could include failing to apply a patch, using easy-to-guess passwords or leaving physical devices in an unsafe area.



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Thank You!

Your trusted Informatino and Cyber Security Provider.