

2017 DDI User Group

Building Community Together...

Information Security 101





Information Security 101



Why you should care about information security?

- You are always at risk if you are connected to the internet!
- Your organization is at risk!
- Data can be stolen or destroyed!
- Your organization could face legal consequences!
- Your identity could be stolen!



Harmful things we don't understand

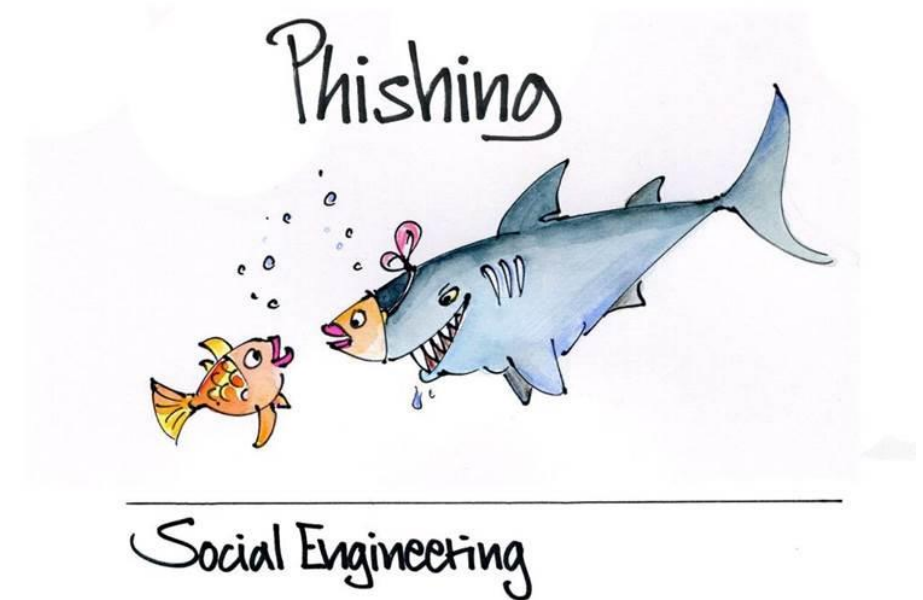


Common Security Risks



Email is the number 1 attack vector

- Phishing and Social Engineering
- Spam
- Malicious links and attachments
 - Ransomware
 - Remote Control
 - Key Logging
 - Viruses



Common Security Risks



- Denial of Service (DoS), Distributed Denial of Service (DDoS)
- Rogue security software
- Internet fraud
- Data loss or theft
- Drive by download/infected site



Common Security Risks



Example of fake pop-up

PC Support Microsoft Specialists Call us now Toll Free: 888-672-9445

Virus Removal - Malware Support

PROBLEM:
Your computer has become slow, unresponsive, displaying errors, or has started experiencing other issues. These issues are often caused by Viruses, Malware, or improper maintenance of your system.

SYMPTOM:
Malware and Viruses can cause program lock-ups and crashes, unwanted pop-ups and ads, slow PC performance, system freezes, start-up and shutdown problems, error messages, and total system failure.

SOLUTION:
To ensure your PC is not infected with Malware, or experiencing other issues, it is **highly recommended** that you call one of our specialists to run a Free Diagnostic Scan to clean and optimize your system.

CALL NOW 888-672-9445

Instructions

STEP 1: Call and speak to one of our Certified Microsoft Specialists

STEP 2: Receive a **FREE** diagnostic scan

STEP 3: Remove detected infections and optimize PC performance

Matt Folsom, Microsoft Specialist

Microsoft

Microsoft Certified Professional

SUPPORT CHAT:

Matt: Hello my name is Matt

Matt: Are you there?

Matt: If you need support I can help you!

Matt is now offline. Please call 888-672-9445

What can you do?



As an organization

- Regular security training
- Document procedures intended to mitigate these risks
- Identify compliance requirements- can include HIPPA, Sarbanes-Oxley, or other federal regulations
- Conduct social engineering tests
- Hire an information security firm to conduct a vulnerability analysis



What can you do?



DDI Security policy

It is DDI's policy to proactively safeguard all aspects of our technical infrastructure, systems and services from unauthorized access, alteration or destruction

- Protects *your* data from unauthorized access
- Ensure DDI's systems are always secure
- Ensure DDI's security meets external control audit requirements
- Ensure physical security at DDI data centers



What can you do?



Use encrypted email where appropriate



DDI uses Barracuda email encryption and provides this service for free to hosted email clients

- Protecting financial information
- Compliance with legal requirements
- Provide secure method for sending and receiving
- Easy to use



What can you do?



As an individual

- Keep abreast of the cyber security trends
 - [US-Cert](#)
 - [reddit](#) security news channel
- Keep all your software updated/patched
- Always use anti-virus/anti-malware software
- Simple precautions such as changing passwords regularly, password complexity
- Use password manager software such as lastpass or passwordsafe
- ***Pay attention***



Password Recommendations



Use a password manager

- Remember only one password
- Cross device support – Android, PC, iPhone/Mac/iPad
- Can create very strong passwords, unique for every site
- Can automatically enter username and password



Password Recommendations



Password common sense

- Don't share your password with anyone
- Use complex passwords- combination of upper and lower case letters, numbers, and special characters, at least 8 characters long
 - <https://howsecureismypassword.net/>
 - Many experts recommend using a "passphrase"
- Don't use dictionary words, or easily guessed words
- Don't share other personal information
 - Mother's maiden name
 - Dog's name



References



- Cisco- <http://blogs.cisco.com/smallbusiness/the-10-most-common-security-threats-explained>
- Symantec- <https://www.symantec.com/connect/nl/blogs/business-email-compromise-campaigns-continue-targeting-c-level-employees-despite-warnings>
- Fake Pop-ups- <https://blog.malwarebytes.com/threat-analysis/2014/11/ps-a-tech-support-scams-pop-ups-on-the-rise>
- <https://lastpass.com>
- <http://keepass.info/>
- <https://www.reddit.com/r/InfoSecNews/>
- <https://www.us-cert.gov/>

Webinars and Touchbases



Webinars:

- Monthly hour long sessions
- Open Q&A time at the end of the session
- Link to the webinar for future viewing
- PDF setup and checklist guide
- Cost per organization: \$75/month

Touchbases:

- Free hour long sessions
- Monthly, Bi-Monthly, or Quarterly
- Discuss open or new requests, software needs, etc.
- Use allotted time for training on DDI-Connect™



Discussion, Questions, Comments



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Security Reminder

