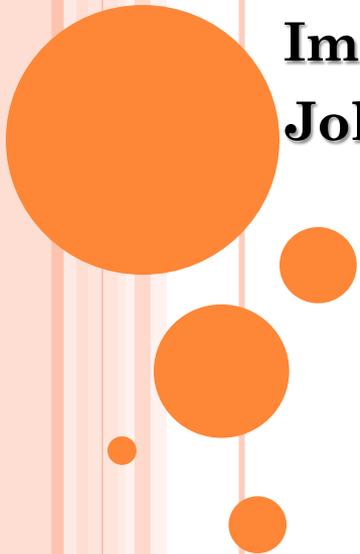


TANDEM SOLUTION

Oct 29th, 2013

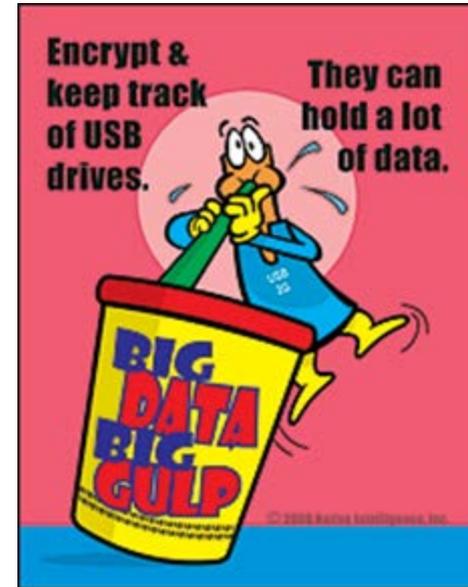
Importance of Security Awareness training

John Ecken



WELCOME

- About Me
- What is Security Awareness?
- Importance of Security Awareness
- What should be included in a Security Awareness program
- Types of Security Awareness programs
- Follow Me



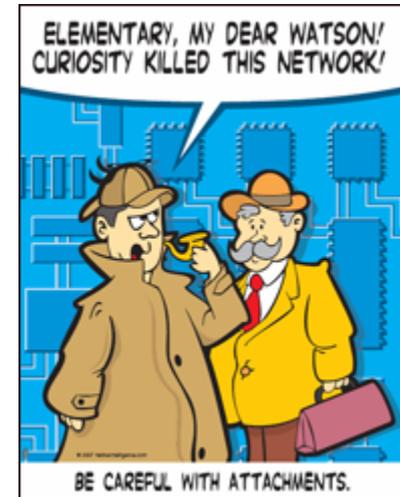
Background

- Born in Louisville, KY
- 20+ years in IT
- Extensive IT training and consulting background
- CISSP / HIPAA Consultant

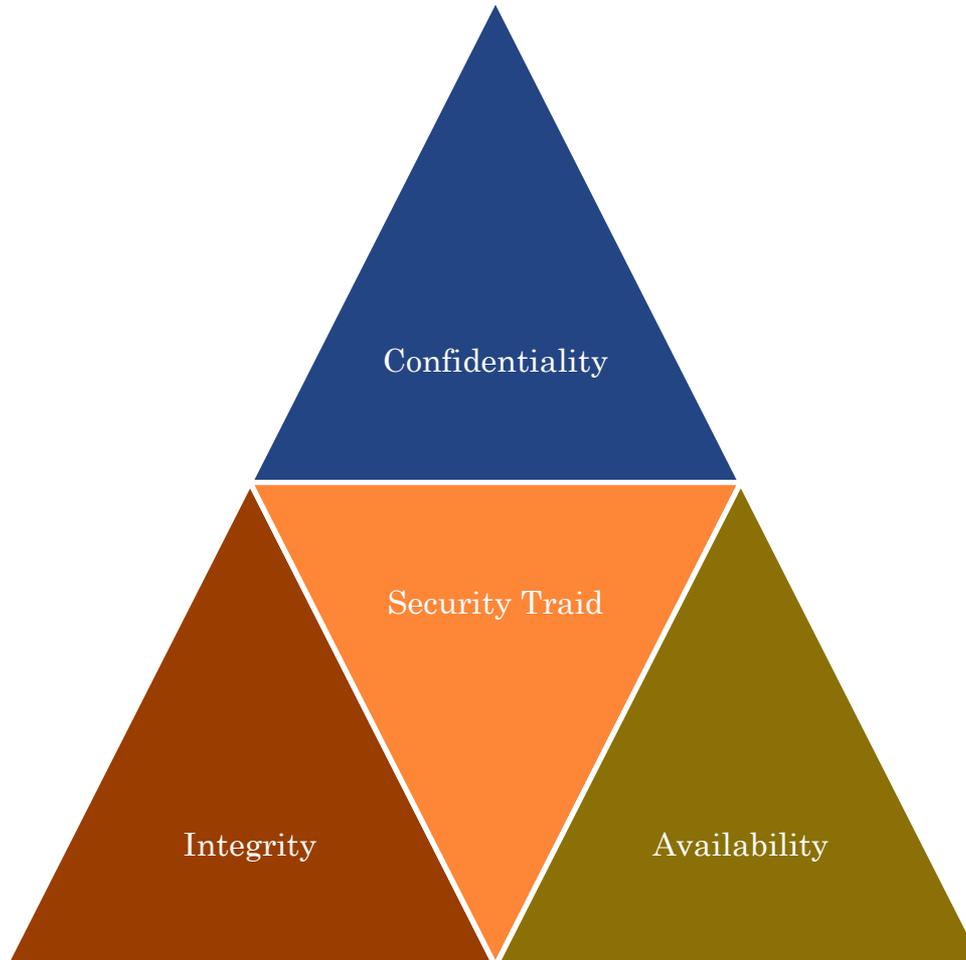


WHAT IS SECURITY AWARENESS

- **Security awareness** is the knowledge and attitude members of an organization possess regarding the protection of the physical and especially, information assets of that organization.
- **Being security aware** means you understand that there is the potential for some people to deliberately or accidentally steal, damage, or misuse the data that is stored within a company's computer systems and throughout its organization. Therefore, it would be prudent to support the assets of the institution (information, physical, and personal) by trying to stop that from happening.



WHAT IS SECURITY AWARENESS



WHY IS SECURITY AWARENESS IMPORTANT

- **The behavior of employees with access to data affects information systems and assets.**
- **Security can't be guaranteed.**
- **The human factor (what employees do or don't do) is the biggest threat to information systems and assets.**



WHO NEEDS SECURITY AWARENESS

- **All users** — security basics
- **Executives** — security basics and policy level training in security planning and management
- **Program and functional managers** — security basics and management and implementation level training in security planning and system/application security management, system/application life cycle management, risk management, and contingency planning.



WHO NEEDS SECURITY AWARENESS



- **Chief Information Officers (CIOs), IT security program managers, auditors, and other security-oriented personnel** (e.g., system and network administrators, and system/application security officers) — security basics and broad training in security planning, system and application security management, system/application life cycle management, risk management, and contingency planning.
- **IT function management and operations personnel** — security basics; management and implementation level training in security planning and system/application security management, system/application life cycle management, risk management, and contingency planning.



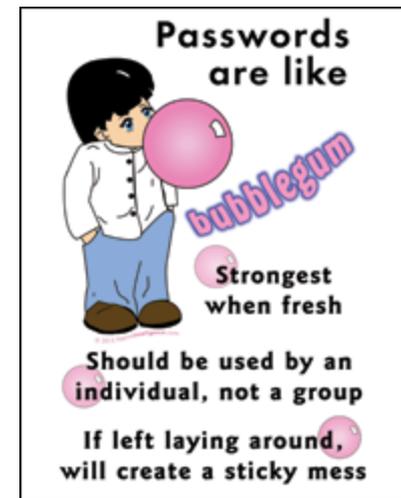
BENEFITS OF AWARENESS

- Provide better protection for assets
- Improve morale
- Save money
- Give your organization a competitive advantage and protect and enhance your organization's reputation and brand
- Reduce the potential for fines and mandatory audits
- Reduce the potential for lawsuits against your organization



WHAT SHOULD BE INCLUDED IN MY PROGRAM

- Topics should consist of existing organizational policies and procedures and industry best practices
- These topics will help employees understand why security awareness is important and guide them in knowing how to prevent incidents from happening and what to do if one occurs.



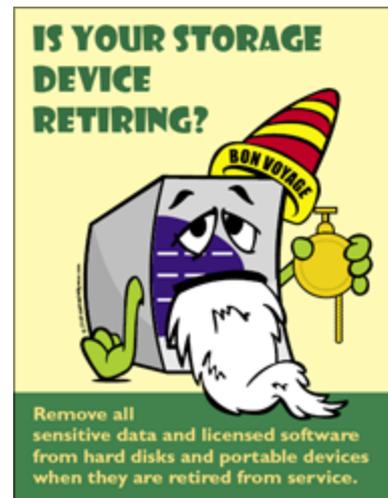
WHAT SHOULD BE INCLUDED IN MY PROGRAM

- Physical Security
- Desktop Security
- Wireless Networks and Security
- Password Security
- Phishing
- Hoaxes
- Malware
- File Sharing and Copyright



TYPE OF AWARENESS PROGRAMS

- Classroom-Style Training
- Security Awareness Website
- helpful Hints
 - Posters
 - Emails
 - Promotions
- E-Learning
- Hybrid Approach



PROGRAM BEST PRACTICES

- Documented.
- Widely accepted.
- Developed by knowledgeable bodies.
- In compliance with existing laws and regulations.
- Effective at providing reasonable assurance of desired outcomes.
- Continually reviewed and improved upon.



FOLLOW ME



www.twitter.com/johnecken
www.twitter.com/training4it



www.linkedin.com/in/johnecken
<http://www.linkedin.com/company/tandem-solution>



jecken@training4it.com

