

# Sun City Computer Club

Current Topics in Personal Information Cyber Security

- '90s "I Love you", Code Red, SQL Slammer, etc.
- Evening news fodder
- No economic gain, easily tracked, jail
- Current stealth Script kiddiots
- "They" are not after "Me"
- Information gives no indication of being stolen

## Overview

- First computing job 1962
- Nine years Semi-conductor manufacturer
- 30 years Cyber engineer Major Oil Co.
- 3 years Alyeska Pipeline
- Major Cyber Security Certifications
- Presentations
- Network of cyber professionals
- DHS daily briefings

**What does John know – cyber Security?**

- NSA hacking tools stolen
- Anonymous published transcript of FBI-British Intelligence "Secured" conference call
- DNC e-mails
- Information Compromise  
Those who are aware  
Those who are not aware

- Safer not Safe
- E-postcard not e-mail
- Passphrases not passwords
- Radio not wireless

**Vocabulary**

- Strong Passphrase(s)
- Multiple Passphrases
- Secret Passphrases
- Lie on security questions
- Multi-factor Authentication
- Separate Administrator account
- Security Suites
- Paranoia

**Common Advice**

# Even if you do everything right

- Microsoft architecture
- WEB protocols
- Any/Everything to do Every/Any thing

- Code injection
- Backward compatibility
- It's "Personal" Administrator privilege
- Macros
- PowerShell
- Remote Management

**Microsoft Architecture**

# WEB

- Adopted too quickly
- Stateless

- Drive-by
- Cross Site Request Forgery
- Cross Site Scripting
- Server side vulnerabilities
- Encryption is in transit only
- URL, Hidden form fields, cookies
- Scripting
- Java

- Assume you and everyone else has been hacked
- Links - Think, Hover, Research
- E-postcard readers in plain text mode
- Computer Club SIG?

**Summary**