

Security 1 Part 2

- Social Engineering
 - o Manipulating the humans
 - Compromises confidentiality
 - o Comes in many forms
 - Telephone calls
 - Emails/Electronic communications
 - Unexpected visitors
 - o Tailgating
 - Waiting for someone to enter or exit a locked door or area and slipping in behind them.
 - o Shoulder Surfing
 - Watching the screens/ Keyboards of targets
 - Binoculars and webcams can assist
 - Be aware of what is showing on your screen
- Phishing
 - o Electronic Social Engineering
 - Compromises integrity
 - Emails crafted to look authentic
 - Users click links or attachments that contain Malware
 - Phishers try to add time or emotional pressure to the situation
 - Targeted Phishing
 - Spear Phishing targets a specific business or industry
 - Whale Phishing specifically targets VIPs (Board members, Directors etc...)
- Spoofing
 - o Changing digital identities of machines
 - Compromises integrity
 - Way for attackers to impersonate a valid machine or user
 - o Common spoofs
 - Email addresses
 - MAC Addresses (Physical Addresses)
 - IP Addresses (Network Addresses)
- Person – In – The – Middle
 - o Formerly known as 'Man in the middle'
 - Cyber Security is evolving