

Cybersecurity

Tailgating and Impersonation



Tailgating

- Following an authorized person into a building to gain access
- Tricks
 - Wear similar clothing, blend in
 - Act as legitimate 3rd party (telephone repair, elevator repair, fire/safety inspector)
 - Make friends at outdoor smoking hangout, follow in
 - Carry in boxes of donuts - hands full, people hole doors open
- Once inside, fewer security measures to stop you
 - Most security prevents entry
 - Once you're in, you're in



Watching for Tailgating

- Create visitor policy
 - Should be able to notice who belongs
- Mantrap (two sets of locking doors)
 - You don't have a choice
- One scan, one person
 - Security policy or mechanically required
- Make asking a good thing
 - “Can I help you?”
 - “Who are you?”
 - “Where is your badge?”



Impersonation

- Pretend to be someone else
- Use information gleaned from dumpster diving
 - “I work with Mr. Hitchins in the maintenance department.”
- Attack the victim as someone higher in rank
 - “Excuse me? I’m from the main corporate office!”
- Bury them in technical jargon
 - “Turbo encabulator supplies inverse reactive current for use in unilateral phase detractors and automatically synchronizes cardinal grammeters”
- Be friendly
 - “Geez, did you catch the game last night?”
 - “What’s the deal with _____?” (weather, road work, etc)



Protecting from Impersonation

- Remember attackers can be very sneaky and very convincing
- Trust but verify
 - Check that number, “Let me call you right back...”
 - Verify through 3rd parties
- Make verification a good thing
- Never volunteer information
- Never give out personal details

