Operations Security (OPSEC)

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"Protecting Corporate, Company and National Interests"

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Introduction

- Description
- Personal OPSEC
  - Think!
  - Assess!
  - Protect!

- What else?
- OPSEC practices
- ‘Killing with Keyboards’

OPSEC Description

“Security measures that control vulnerabilities to sensitive information or activities”

- Non-traditional…..designed to prevent adversaries from accessing information.
- Addresses “INADVERTENT RELEASE” of information.

Think! Assess! Protect!

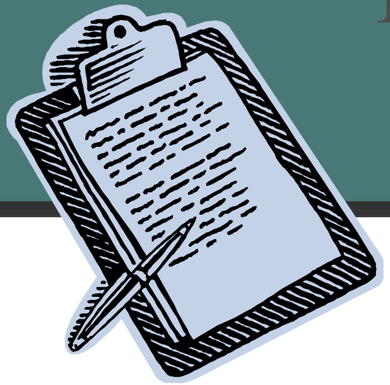
Personal OPSEC

DO YOU:

- …give out your SSN freely?
- …share your address with strangers?
- …handily give your credit card to simple acquaintances?
- …double back to make sure your garage door closed?
- …watch your kids closely in the park?

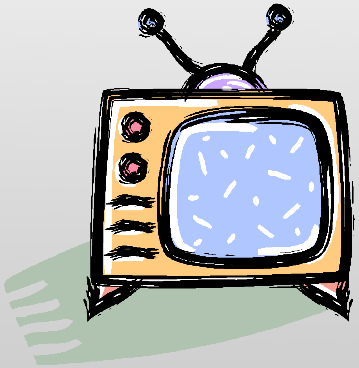
Think! Assess! Protect!

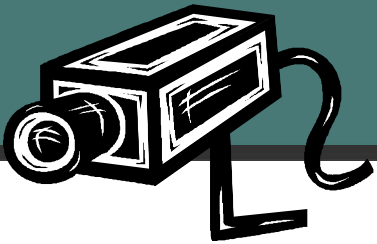
- What are you protecting?
  - Is it classified? Sensitive unclassified? Proprietary?
- What threats exist?
  - Foreign Spies? Criminals? Industrial Spies? Insiders?



Think! Assess! Protect!

- What are the vulnerabilities to info loss?
  - Must be determined. Test your protections.
- What are the risks or consequences to loss?
  - Company interests, National interests, media, legal, reputation, loss of work, etc.





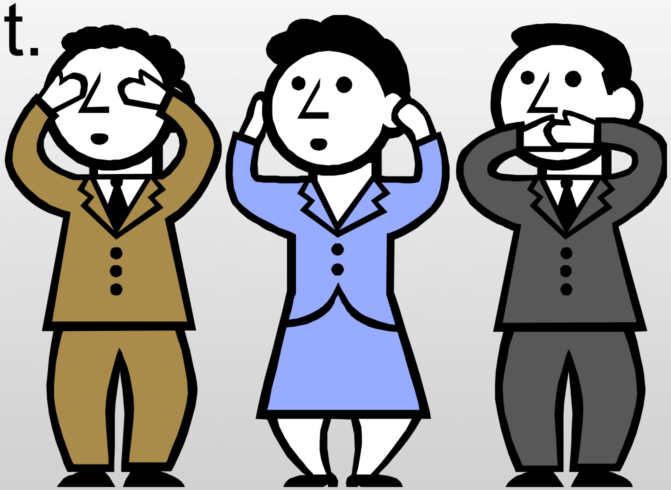
Think! Assess! Protect!

- What security measures can be applied?
  - Explore options (i.e. access, cyber, handling, destruction, etc.)
  - Cost effectiveness

- What currently exists?
  - Take credit for what you practice.

What else?

- Minimize flags to sensitive information/activities
- Flags are indicators to an adversary that can create a pathway to greater sensitive info.
  - Pieces of the puzzle
- Apply Need-to-Know concept.



Good OPSEC Practices

- Guard information:
  - Phone, fax, and Radio
  - Visual (open, cameras, sky)
  - Computer (e-mail, web, encryption, permissions)
  - Social environments (restaurants, conferences, parties)
- Careful posting on walls/bulletin boards
- Consider destruction methods (shredding, burning)
- Be aware of surroundings….report suspicious activity.
- Watch vulnerabilities (trash/recycle, phone, email, web, etc.)

“Killing With Keyboards”

OPSEC Handout in Folders!

- Dangers of online social networking.
- How foreign intelligence can be collected.
- Keep online awareness!
- Importance of site security settings.

Group Exercise

Dumpster Diving

- THINK!
  - What is sensitive?
  - Work or personal items?
  - Are there threats?
- ASSESS!
  - What is vulnerable?
  - Are there risks to loss?
- PROTECT!
  - What measures will protect the data?