



# Security, Privacy and Disaster Recovery for the Project Manager

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**Security, privacy and  
disasters are risks.**

# Risk should be

 **Identify**

 **Analyzed**

 **A Responses Formulated**

 **Monitor and Control**

# Traditional Responses

## Are not working

### – Anti viruses

- Do not work for new viruses

### – Firewalls

- 80% of attacks come from the inside
- They are not properly configure

### – Intrusion Detection System (IDS)

- It is not a mature technology

# Security

## Two Fronts

### – Logical

- Software, operating system and data base

### – Physical

- Hardware

# Security

## Logical Front Identifiable Risk

- Virus
- Worm
- Trojan Horses
- Time Bomb
- No Secure Code

# Security

## Physical Front Identifiable Risk

- Laptop Desk
- Social Engineering
  - People are the weakest link
  - This is the major threat of all
  - Kevin Mitnick
- Dumpster diving (garbage)
- The equipment itself

# Security

## Analysis

- Determine it is real
- Technical people are key

# Security

## Response

- Keep patch up to date
- Use anti virus
- Use personal firewall
- Use strong password
- Don't open unknown email attachments
- Don't run program of unknown origin
- Disable hidden file extensions

# Security

## Response

- **Disable scripting feature in email programming**
- **Disable Java, Java Script and ActiveX if possible**
- **Make Regular backup**
- **Make boot disk**
- **Turn off computer when not in use**

# Security

## Response

- Implement a security by role policy for software
- Implement a security policy in your LAN/WAN
- Use certificate for e-mailing
- Common sense the best practice

# Disaster

## Identifiable Risk

- Loss of data
- Loss of resources
- Loss of facilities
- Loss of communication
- Loss of computer

# Disaster

## Response

- Backups
- Contingency plan for loss of resources
- Keep yourself portable as possible
- Have redundancy in equipment and communication

# Privacy

## Identifiable Risk

- Office product embed your identity
- Intel Pentium Class III has a unique id
- Ethernet Card have a unique and permanent address
- Cookies
- Email can be track
- IP address
- New risk on the online world posted at <http://www.epic.org/>

# Privacy

## Response

- On the personal level subscribe to a report watch with a Equifax, Experience/TRW, and Trans union.
- Download and install Spybot
- Raise the level of cookies
- Be careful to who you send e-mail
- Protect the privacy of other use bcc

# Privacy

## Response

- For real private matters
  - Invite your coworker
    - To a golf game
    - To a walk by the park
  - If urgent use a regular phone

# Reference

- ✍ **Security, Privacy and Disaster Recovery for the Project Manager**  
– Craig Klingler, Consultant, ICRS, INC.



Thanks