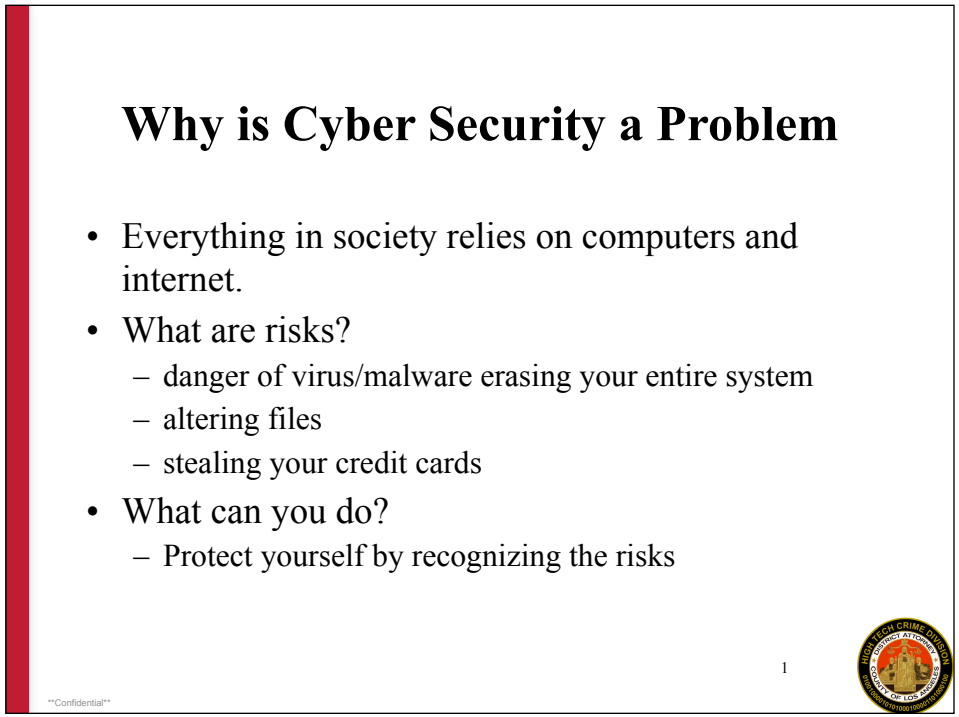
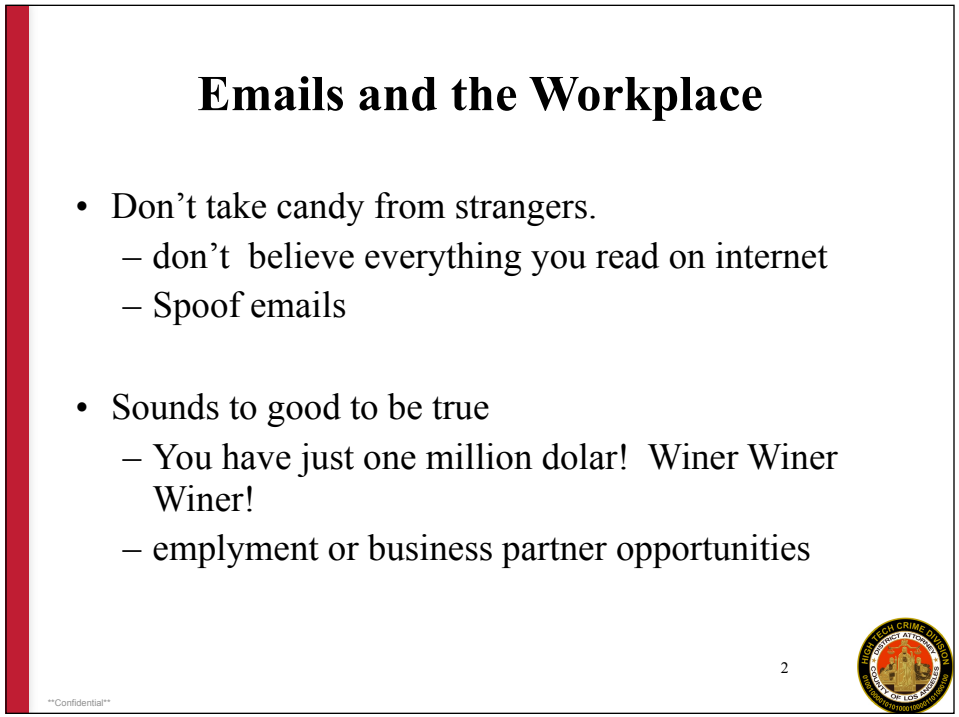


Everything in our society is run by computers - think about it.

Many risks and they are increasing everyday with new ones

By recognizing the risks - you can better protect yourself - SCADA very vulnerable but they protect themselves by recognizing their vulnerabilities.



Commercial about young lady that believes everything on internet and blind date shows up and she says he's a French Model

Emails can be spoofed ie Walt Disney Case

Greedy people - Notice misspelling which is typical

- Re: From Hong Kong 29/09/2012.

  Hello, my name is Mr. Andrew LIU from Hong Kong. I want you to be my partner in a business project of 44.5M USD. Please reply back via my private e-mail address for more details andrewliu45@aol.com Or andrewliu19@yahoo.com.hk Thank you. Mr. Andrew LIU

I received this email Sept 29th - again greed and offering money

Hoax or Urban Legend

- Hit man Scam
  - see handout
- DEA scam for online prescription
  - see handout
- Web site to check hoaxes
  - http://urbanlegends.about.com/
  - http://www.snopes.com
  - http://www.truchorfiction.com/
  - http://www.symantec.com/avcenter/hoax.html
  - http://home.mcafee.com/VirusInfo/VirusHoaxes.aspx
  - http://www.google.com/

Hit man - Every year this scam comes out notice the misspelling

DEA Scam = Got a call from legal secretary where a DDA went to bank to pay the fine.

Web sites you can check re scams and hoaxes = I like GOOGLE

Emails at the Workplace

- Hoax or Urban Legend Summary:
  - Don't believe everything you read on internet
  - Tragic consequences for not performing action
  - Promise of money or employment
  - Instruction on protecting you from a virus from anti virus company and will hold your computer hostage
  - Multiple spelling or grammatical errors

5

Confidential

You probably seen many variations of the scam emails

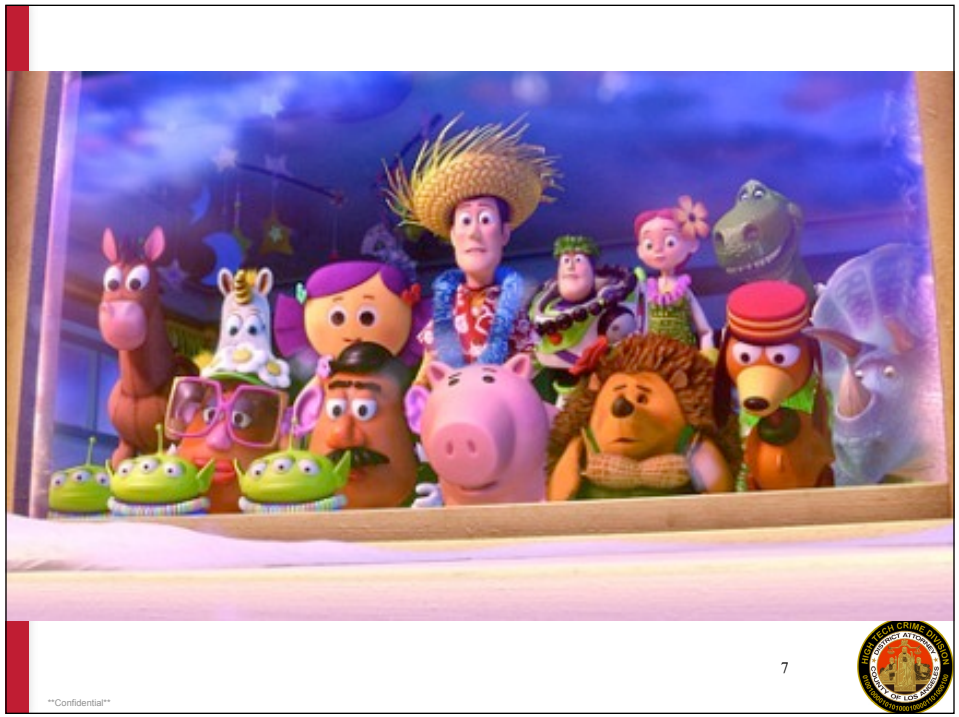
Anti virus companies that hold your computer hostage

Emails at the Workplace

- Out of the Office or On Vacation
  - Do not advertise you are away
  - Suggestion: "I will not have access to email from (date) to (date)

Auto reply that you are on vacation is similar to telling everyone in neighborhood you are away from house on vacation and there are several days of newspapers in driveway and your mail is busting out of the mailbox.

Setting yourself up for trouble



Woody and friends at a leu au Aloha!

ON VACATION

- Do not use public WiFi at airports and coffee shops or hotels.
  - personal business
  - online banking
  - online shopping
  - online trading

- Cautious charging your phone
  - strange computers
  - USB charging stations at airports or hotels

8

Confidential

WiFi may not realy be a WiFi and maybe not secure and someone could be capturing all the packets

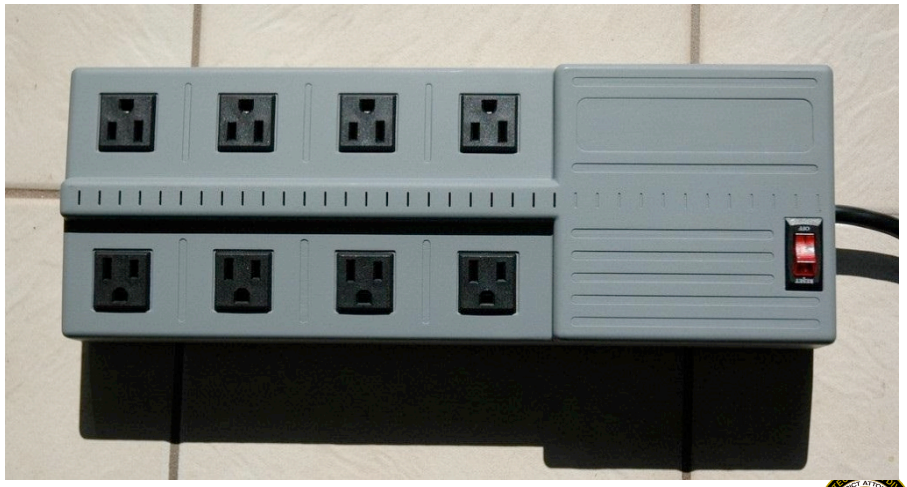
USB charging stations at airport - just saw one and better to use electrical charge

If use USB turn your phone off - Hackers

This was a usb charging station at DEFCON this year and people were warned that this could be a hacker - computer can be inside/ behind the metal facing.

Hackers can make hotel clock into a hacking device.

Hacking Device



10

Confidential

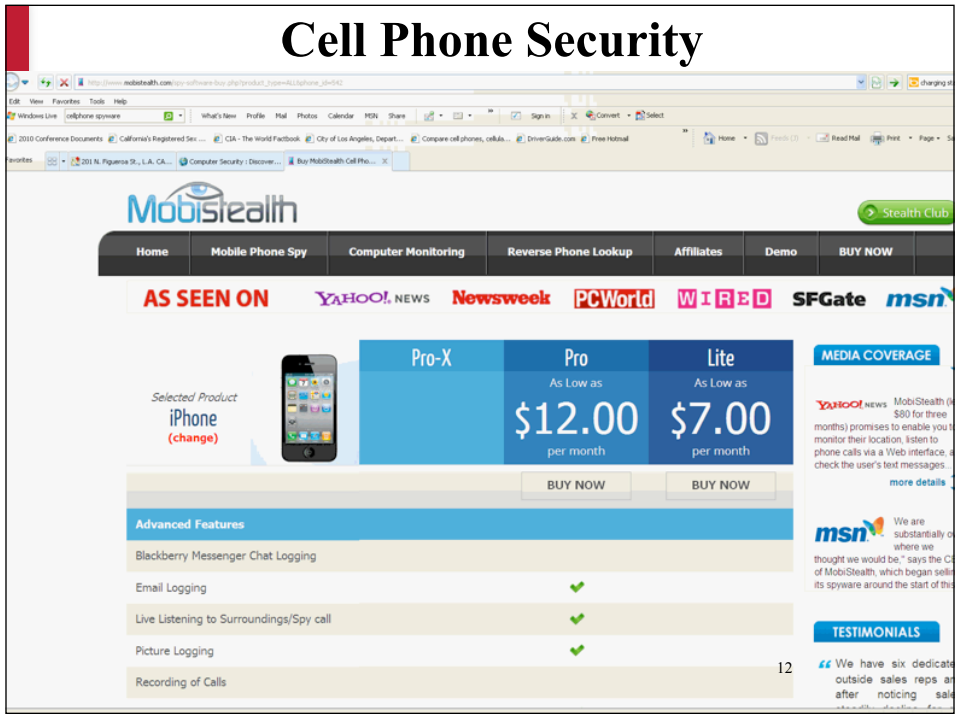
this is a device that looks like a power strip - Power PWN

It is a Debian OS with metasploit (hacker tools) than is capable of performing penetration testing if placed inside a network.

Costs over $1200. Wireless device

Hacking Device

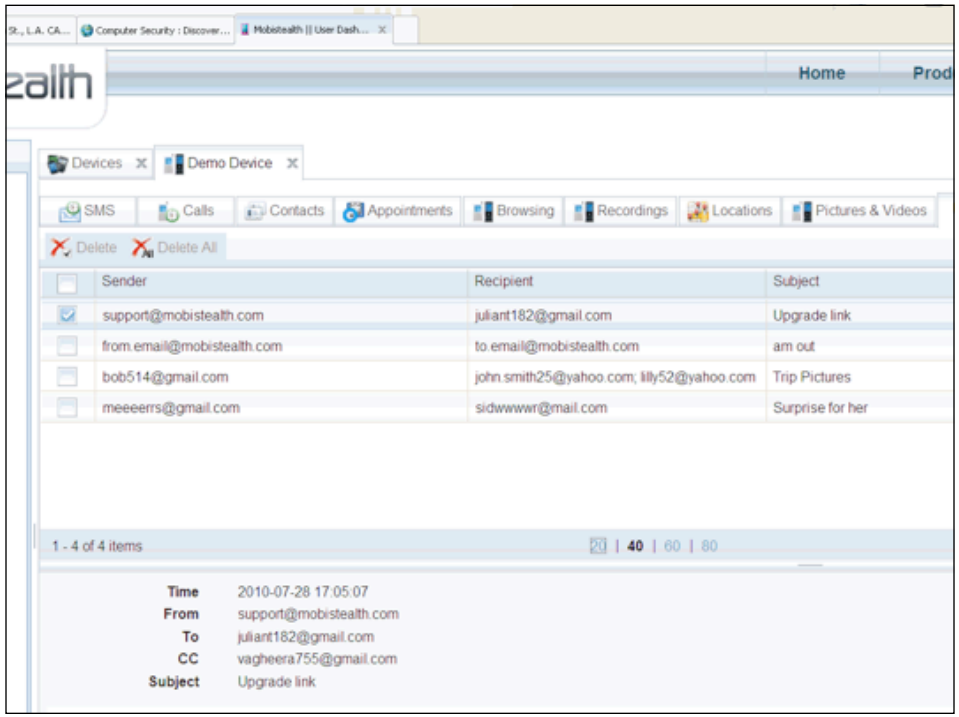
You can see some ports



MobiStealth software

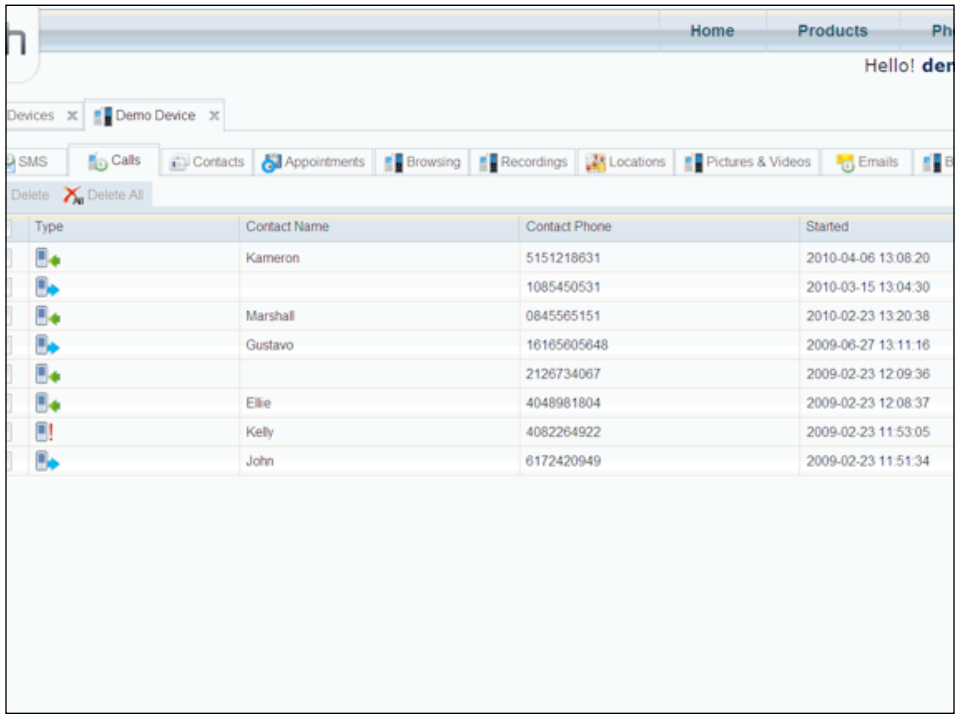
All the Spyware for phones typically need to have physical access to download and place spyware on the phone - do not leave your phone unlocked and unattended.

$12 per month for the works

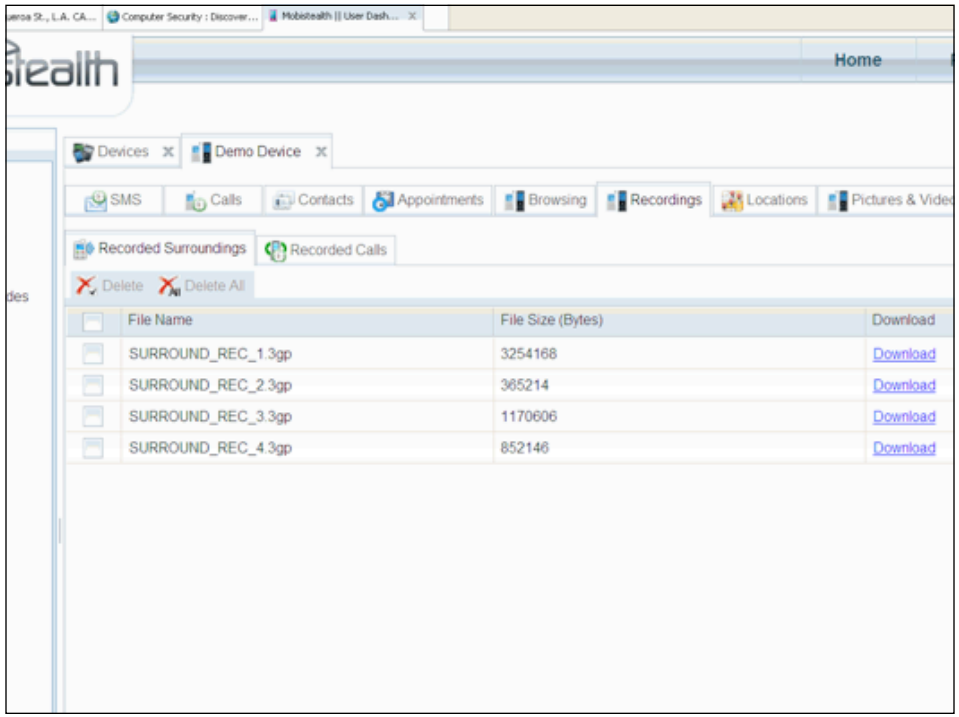


Person monitoring goes up on MobiStealth Web site and logs in

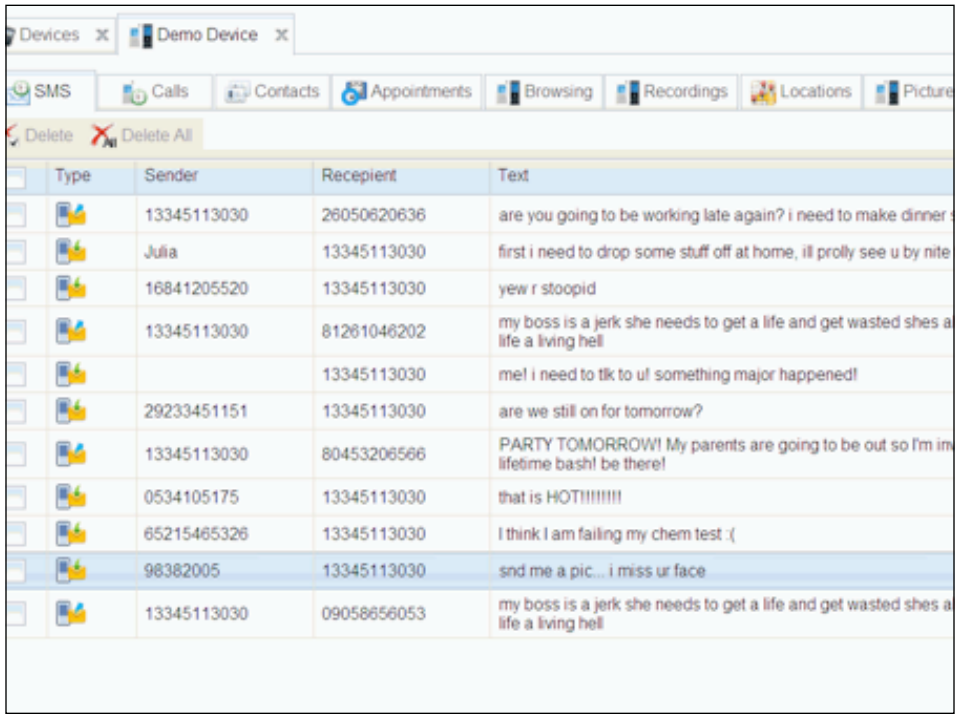
All EMAILS captured here



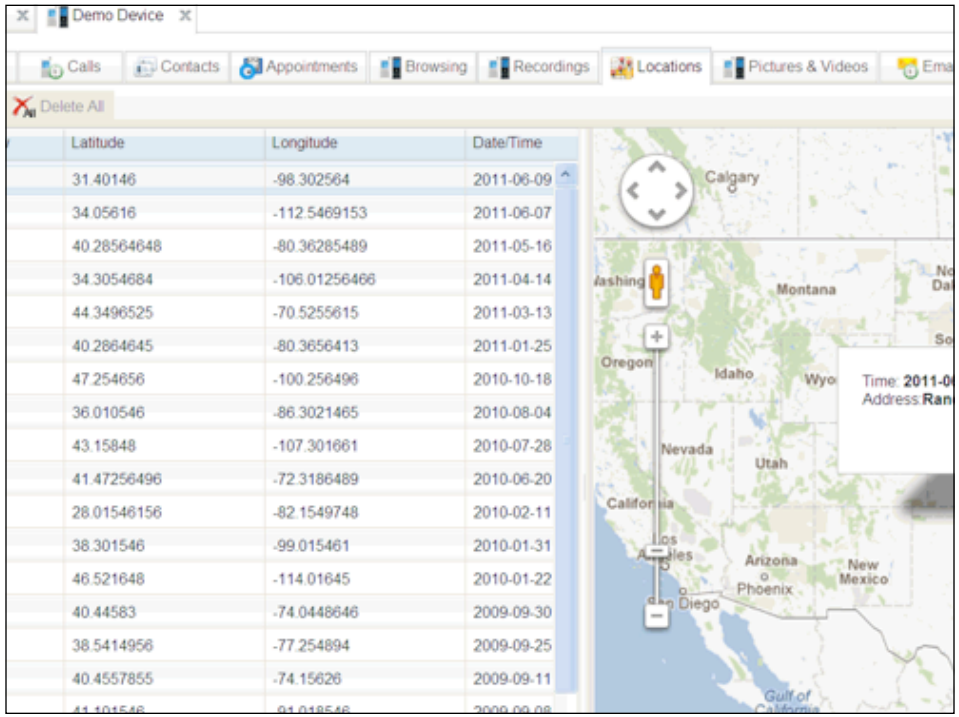
Call logs
incoming and outgoing



You can turn on recording on subject's cell phone and record



text messages



GPS location - Longitude and Latitude

track where you go

Secure your Cell Phone

- When not using your cell keep your cell phone locked with password
- Do not loan phone out
- Only takes a minute to download spyware
- Do not open attachments of people who you do not know
- Use Mobile Anti Virus

Secure your phone

lock it when you are not using

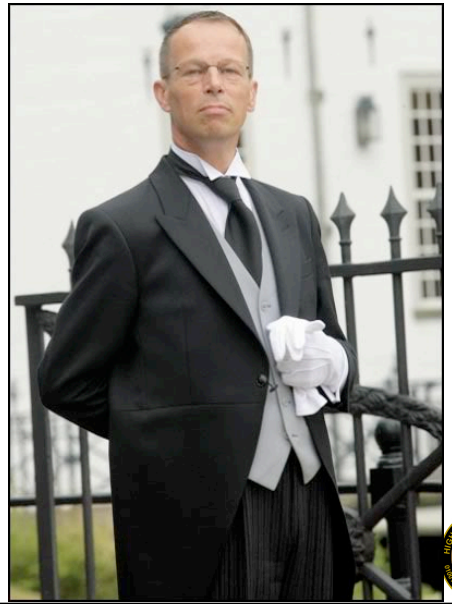
Use Mobile Anti Virus

Blueguard Mobile Security - **Lockout Premium** - **Kapernsky Mobile Security**

All very reasonable - Should catch any spyware on phone

File Server - Security Issues

- Butler did it!
  - "VatiLeaks" case in the Vatican Judicial System.
  - Paolo Gabriele
- People v. Heller



Confidential

Insiders:

Pope Benedict's long-time butler (Paolo Gabriele) was stealing vatican and papal documents - he was aided by an IT person within Vatican. On trial for "Aggravated Theft" in the Vatican Judicial System.

Heller Case Justin can give a quick briefing of investiation

File Server Security

- Permission
  - Groups
  - Read Write Execute Privileges
    - r (read) - file readable by owner, group or others
    - w (write) - file is writable (you can add or delete files)
    - x (execute) - run programs
- Vulnerability
  - If someone has access with full privileges to file server and also has access to internet.

Need to have Share Points created with permission.

Common Myths

- Anti virus software and firewalls 100% effective.
- Once software installed on your computer, do not have to worry about it anymore.
- Nothing important on your computer so do not have to worry about security.
- Attackers only target people with money.
- When my computer slows down, it means that it is old

Anti virus 100% effective - NO but together with anti virus and firewall - REDUCE RISK

Once Software Installed - UPDATE often security patches for software

Nothing Important on Computer - Financials (QuickBooks, Turbo Tax) PII, Bank Account Info, and Pictures

Attackers Only Target those with Money - ANYONE can be victim of ID Theft - want your PII - Breaches involve databases with PII.

My Computer SLOW - New Software or Operating System on OLD Machine - upgrade with more Memory - Processes running in Background (TASK MANAGER) files running in background.

Thank You!