Calamities that Befall Computers and How to Overcome Them
A Seminar Presented by Malcolm Singer
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Causes of Data Loss and Theft

Data Loss
> User Error (You or Someone Else Using Your Computer)
>> Deletion
>> Obscuration
>> Misplacement
>
> Power Failure
>> Disconnection
>> Power Spike
>> Power outage
>
> Hardware Failure
>> Disk crash
>> Lockup
>> Scratched or damaged disk
>> Demagnetization

Remedies

> User Error
>> Undelete
>> Ctl Z
>> Back
>
> Power Failure
>> UPS
>
> Hardware Failure
>> Disk crash
>>> Backup
>>
>> Lockup
>>> Backup
>>> Ctl Alt Del
>>> Power OFF
>>
>> Scratched or damaged disk
>>> Backup

Demagnetization
Backup

Data Theft
   Home Intrusion
      Theft of Data
      Theft of Machine

      Remedies
         Backup Data
         Store Backup in Safe

Friend or Family Member
   Nosy Friend or Relative
   Pernicious Guest

      Remedies
         User Passwords
         Store Sensitive Data Elsewhere

Data Theft: Software Intrusion

   Hacker (Software Bully)
      Virus
      Trojan Horse
      Dialer
      Worm
      Spyware

      Remedies
         Firewall
         Antivirus Software
         Privacy Software
         Disconnect Internet
         Turn Off Computer

   Thief (Felon)
      Con Games
      Suspicious Emails
      Free Anything

Foreign Bank Account
Your Bank Needs Confirmation
All of the Hacker's Tools

Remedies
Common Sense
Don't Respond to ANY Email Asking for Information
SPAM blocker
Spyware

Data Thief: Remote Database Intrusion
Online Banks
Online Stores and Auctions
Online Check Services
Online Gambling

Remedies
Respected Sites

A Security Self Test
Do you have a recovery disk? (Yes=2)
Do you make backups? (Yes=1)
     Do you backup daily? (Yes=1)
     Do you keep your backups on or near your computer? (Yes=-2)
     Do you have a "Full image" backup? (Yes=2)
     Do you destroy obsolete backups? (Yes=2)
Do you have broadband? (Yes= -1)
     Do you leave it on? (Yes= -1)
     Do you use wireless connection? (Yes= -1)
     Do you network 2 or more computers? (Yes= -1)
Do you have virus protection? (Yes=1)
     Do you keep virus definitions updated? (Yes=1)
     Do you periodically scan? (Yes=1)
Do you have Internet protection?
     Firewall? (Yes=1)
     Anti-Spyware? (Yes=1)
Do you use email? (Yes= -1)
     Do you use a SPAM blocker? (Yes=1)
     Do you download from the Internet? (Yes= -1)

10-15 Excellent, 5-10 Good, 0-5 Needs Improvement, Less Than 0 You Are Vulnerable

REFERENCES
• Spyware Blaster http://tinyurl.com/3vcux
• Spybot http://tinyurl.com/2b7s7
• CWShredder http://tinyurl.com/467lr
• Housecall http://www.trendmicro.com/en/home/us/personal.htm
• Phish survey http://survey.mailfrontier.com/survey/quiztest.html
• Firewall http://www.symantec.com
• Firewall http://www.lucent.com
• Firewall http://www.dell.com
• CounterSpy http://www.avg-antivirus.net/detail.aspx?ID=27
• AntiVirus http://www.mcafee.com
• AntiVirus http://ZoneLabs.com