

Dirty Jobs

Taking Out the Recycle Bin



With Your Host: Anthony Phillips

Why Should You Care?

- What's on Your Computer?
 - Staff Evaluations
 - Contact Lists
 - Purchasing Documents
 - Personal Finances
- What Happens if it Gets Out?
 - Identity Theft
 - Bad Press
 - Lawsuits (You and/or K-State)
 - Embarrassment

Playing in the Trash Can

- What happens in the Windows Recycle Bin?
 - File Pointer Gets Changed
 - File Still Intact in the Recycle Bin
 - May Be Recovered By Exploring Recycle Bin
- Empty Recycle Bin
 - File Pointer Gets Deleted
 - File Still Intact on the Drive
 - May Be Recovered by Drive Scanning Software
- Format Your Hard Drive
 - Files May Still Be Recovered by Software
- Shoot it, Hit it With a Hammer, Run Over it
 - Data May STILL be Recovered by a Clean Room Data Recovery Service

OH NO, What Can I Do?

- Don't Panic, There Are Solutions
- Securely Erase Individual Files
 - SpyBot
 - PGP
 - Other “Shredder” Utilities
- Securely Erase Entire Drive
 - DBAN
- Physically Shred/Incinerate Drive

Resources

- www.k-state.edu/infotech/security
 - Useful hints and tips
 - Info about PGP
 - K-State Security Policies (Shredding Drives)
- <http://www.drivesaversdatarecovery.com/>
 - Museum of Bizarre Disk-asters
- www.safer-networking.org
 - SpyBot Search and Destroy – Includes File Shredder
- www.dban.org
 - Darik's Boot and Nuke