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Celebrating 14th year in Vero Beach

DATA LOSS

& RECOVERY Presentation



How does **DATA LOSS**

happen ?



Where is my data ?

Causes of data loss

Physical Damage of hard-drive/crash

Hard-drive worn out (motor)

Viruses / Spyware make PC unuseable

Power surges / Lightning strikes

Notebooks : dropping or bad handling

Floppy Disks: Magnets / Scratches / Age

CD'ROM Disks: Scratches / Age

USB-Memory Sticks: Bad handling / Exposure to heat



**Most common type of
data loss is caused by:**

Hard-drive crash



How do I prevent data loss ?



- 1. Backup your data. Every hard-drive will eventually go bad. A routine backup to CD/DVD every week/month is a must, especially if the pc is used for business.**
- 2. Clean your pc. Dust and the heat built up can destroy your hard-drive or shorten it's live.**
- 3. Keep your PC clean of Spyware / Viruses.**
- 4. Handle Notebooks with extra care !**

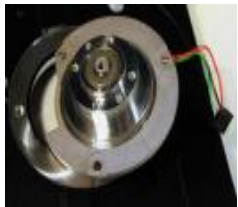
What causes a hard-drive crash ?



1. Moving or shaking of Computer while it is running. Notebooks in general have 2-3 times the amount of hard-drive crashes than Desktops.



2. Power Surge. Protect your pc with an
. UPS (uninterruptible power supply)



3. Hard-drive motor worn out from age or
. usage.

What to do if you lost data ?

- 1. Check your hard-drive for physical symptoms. (not booting ? Too quite ? Loud clicking noises ?)**
- 2. If your pc is still booting try programs like Spinrite or R-Studio to recover data.**
- 3. If hard-drive is not working at all, and data is of utmost importance, send it in to a data recovery service (ontrack)**
- 4. If you have backups made, restore them and save yourself a lot of time.**
- 5. If you are technical try to take hard-drive out of pc and rotate or put it upside down. (some older hard-drives actually can get stuck and a slight tap on them sometime resolves the problem (older Western Digital)**
- 6. In addition to you backup make sure you keep all your original program cd's around.**

Links to Data Recovery resources



ONTRACK.COM (Data recovery service)

DRIVESAVERS.COM (Data recovery service)

grc.com/spinrite.htm (#1 data recovery program and drive maintenance)

R-STUDIO.COM (Data recovery program)



Questions ?



**Thank you
for watching**

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2007