

A Heaven sent Angel?

Or...

A Demon About to Give you One?

Ray Snow

# What risks

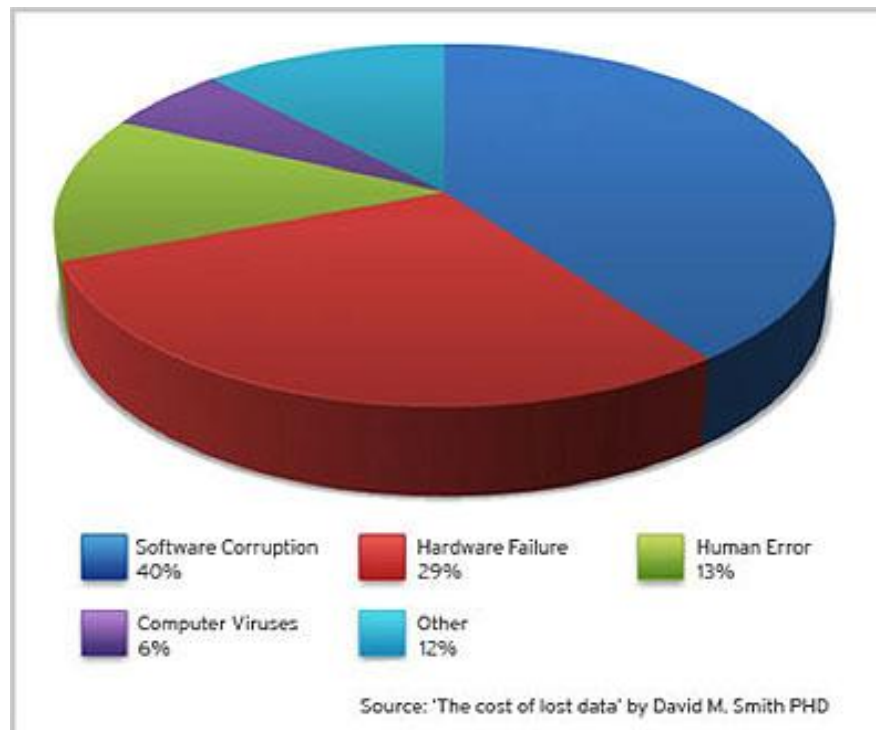
- Human Error
- Software corruption
- Virus Attack
- Hardware Error
- Sabotage
- Natural Disaster



# Data backup:

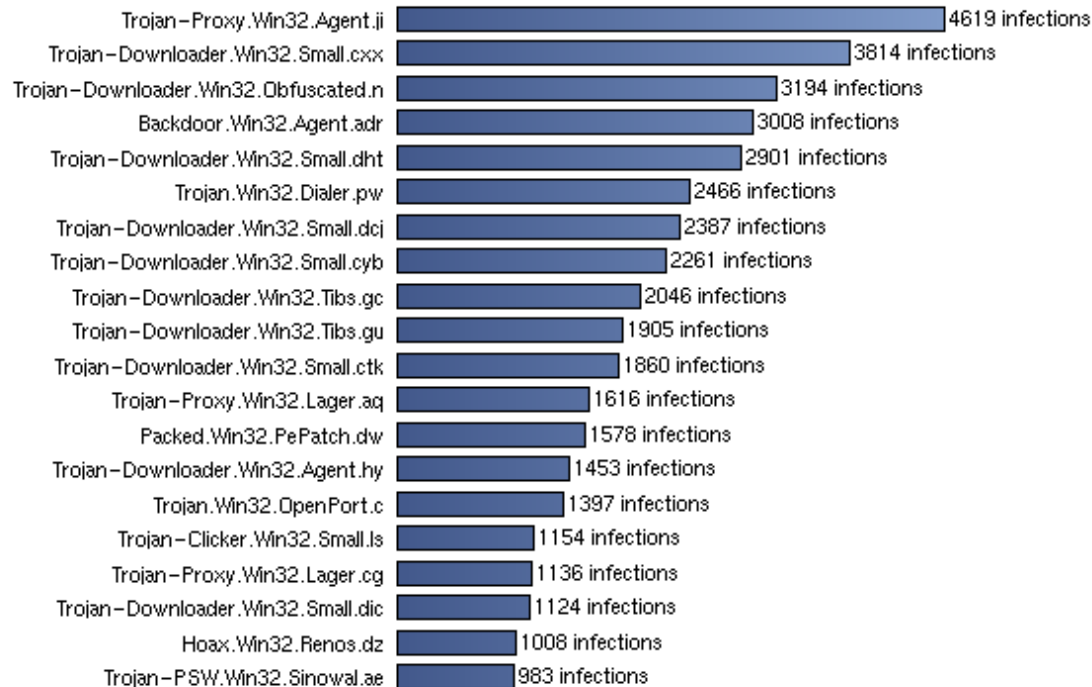
**Do you have a backup....? No...? Err....**

No excuses. Your data is your most private and valuable asset. It's what keeps you in business and what separates you from your competitors. No data, no business.....



# Risks: Spam, Viruses and Malware

## Top 20 Other Malware on SpamThru Bots



[www.secureworks.com](http://www.secureworks.com)

**Total: 41,910 infections.....This is only the top 20 viruses. There are over 200,000 viruses!!**

# Unwanted visitors – Intruders – The Truth

- Only 17% of companies report hacking to the law due to fear of negative publicity.
- 90% of networks have been hacked.
- 58% of companies have detected outsiders trying to gain computer access
- 30% don't know if there have been any attempts from outsiders.
- 250,000 attempts to break into Government systems in 1995. 65% were successful.
- 70% of web sites have security flaws.

Q: How do you stop intruders?

A: You need a commercial firewall which is configured correctly

# Don't Panic..... Here's your plan.

## Firstly... Plan your security.

- Know your pitfalls
  - Prioritise your dangers
  - Plan your improvements
  - Seek advice
  - Implement your security and change company policies if needed
- Use the checklist we have provided to assist you

**RES INFO-TECH**  
Network Security Checklist

Setup Checklist

Security Item	Description	Score: Yes=10/ No=0
Passwords	Do your PC's have a password?	<input type="checkbox"/>
Passwords	Do you use a "strong password" (e.g. QxJ8w?not yourname)?	<input type="checkbox"/>
Logon Accounts	Do you log on using a limited account? (Most businesses incorrectly/used an administrators account all the time)	<input type="checkbox"/>
Computer ID	Are your computers secure, cases locked from tampering, and physically marked for identification?	<input type="checkbox"/>
BIOS Lock Down	Has your IT supplier/support restricted the main system settings (enable, I don't know is a NO)	<input type="checkbox"/>
Critical Updates	Have you checked the Microsoft critical updates list? Have you downloaded and applied to the your systems? (in the last week)	<input type="checkbox"/>
Security Audits	Have you had a security check/audit on your systems in the last 6 months?	<input type="checkbox"/>
Firewalls	Do you have a firewall? Have you updated it recently?	<input type="checkbox"/>
Anti-virus	Have you carried out a full system scan in the last week?	<input type="checkbox"/>
Anti-Malware	Have you carried out a full system scan in the last week?	<input type="checkbox"/>
Web-Filtering	Do you have a web-filtering service (restrictive site access) configured on your network?	<input type="checkbox"/>
Total: (max score = 110, full score = 60 or less)		<input type="checkbox"/>

Monthly Maintenance Checklist

Security Item	Description	Score: Yes=10/ No=0
Passwords	Has the administrator password been changed this month?	<input type="checkbox"/>
Computer Inspections	Have your PC's been checked for tampering?	<input type="checkbox"/>
Network Security Audits	Has your network security been audited (which websites have been accessed, who has accessed you, full report of activity etc)?	<input type="checkbox"/>
Windows Updates	Have all PC's received windows updates and confirmed as up to date and secure?	<input type="checkbox"/>
Firewalls	Have you tested your Firewall this month?	<input type="checkbox"/>
Anti-virus	Has your anti-virus been updated?	<input type="checkbox"/>
Anti-Malware	Has your anti-malware been updated?	<input type="checkbox"/>
Web-Filtering	Have you added/checked known problem websites to your filtering service this month?	<input type="checkbox"/>
Security Scan	Have all PC's been scanned full this month?	<input type="checkbox"/>
Total: (max score = 90, full score = 50 or less)		<input type="checkbox"/>

If your score in the full score in either table, please feel free to call RES Info-Tech no obligation, free advice.

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