

Cyber-Law & Cyber-Theft Session

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"I'd like to buy a book on chutzpah and I'd like you to pay for it."

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On-line Open Sources

Publisher's Concerns:

- Make Information available
- But don't give away the store

User's Concerns:

- Information overload
- What to believe
- Analysis of your queries and accesses

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Intrusions

Damage:

- Invasion of Privacy
- Theft of property
- Theft of services

Protection:

- Good System Design From the Beginning
- Firewalls

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Others Using Your Open Sources

Theft of Intellectual Property

- Copyrighted materials
- Confidential and Proprietary
- Trade Secrets

Misappropriation of Intellectual Property

Fraud

People know where you are on-line :

- Denial of Service Attacks
- Attacks by email

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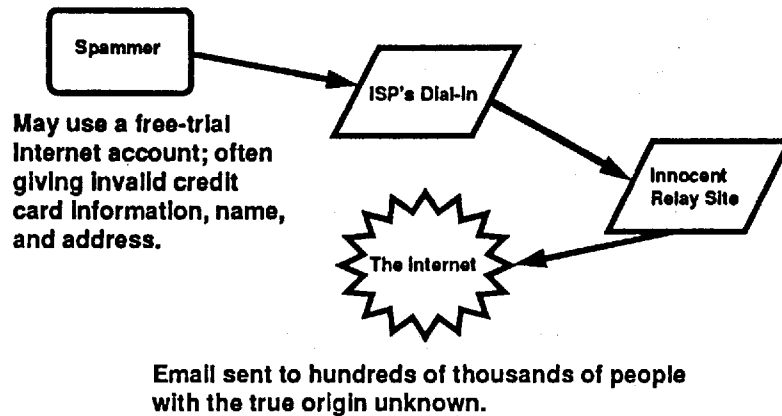
"On the Internet, nobody knows you're a dog."

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A Typical Spam



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A Recent Spam Attack

Likely carried out by a disgruntled customer

Spams sent claiming to be from the company advertising a service

Spams sent claiming to be from the company's attorneys "threatening" net users to stop complaining about the previous spam

Spam messages included the names, addresses, phone numbers and email addresses of the company officers and their attorneys

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Damage From A Spam Attack

Email servers and phone systems tied up for days

Loss of business (current and future)

Loss of reputation

Untold thousands of dollars spent

- **Lawyers**
- **Investigations**
- **Public Relations**

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How can such an attack happen?

Many ISPs establish accounts without verifying credit card or personal information

Internet Service Provider's logs are not usually made available without a court order

Network access via dial-up connections are anonymous

Many Internet sites allow any email to be relayed

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