



End in Sight? Or will SPIM, SPAM & SPIT Spin Entirely Out of Control?

John Veizades
Email Security Practitioner

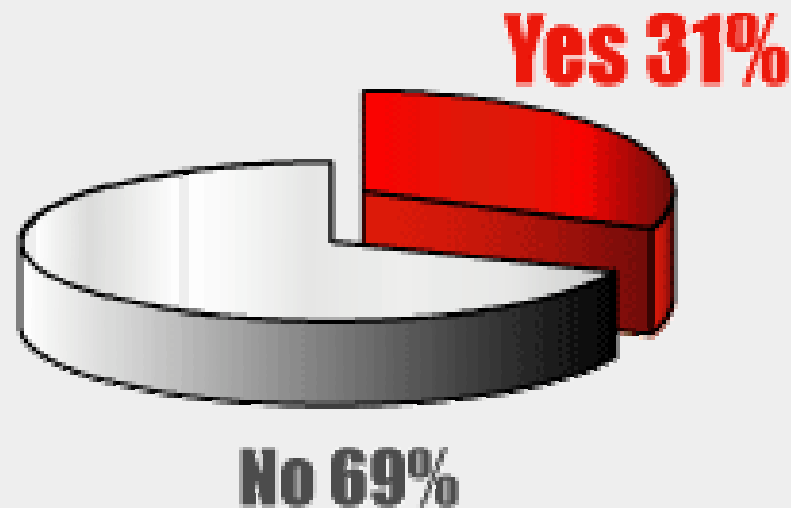
Networld + Interop 2005

- ◆ **SPAM – NO!**
- ◆ **SPIM – It's just starting**
- ◆ **SPIT – Use the 'Do Not Call' list**
 - ◆ www.donotcall.gov

- ◆ **There's a lot of \$\$\$ in this business**
- ◆ **~\$2.6 Billion* was appropriated by Spammers in 2004**
- ◆ **SPAMMERS are organized**
 - ◆ They have tools to SPAM, build phishing sites & infect your systems
 - ◆ They trade mailing lists
 - ◆ They coordinate their attacks
 - ◆ They coordinate their techniques

- ◆ Users are duped into doing the wrong thing...

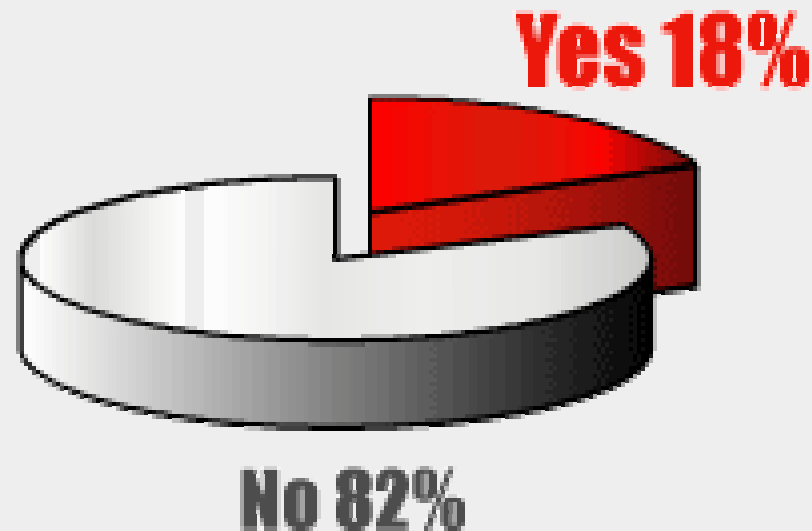
Have You Ever Clicked on a Link within a Spam Message (other than unsubscribe)?



Source: Radicati Group & Mirapoint survey, March 2005

- ◆ Users are duped ... again & again...

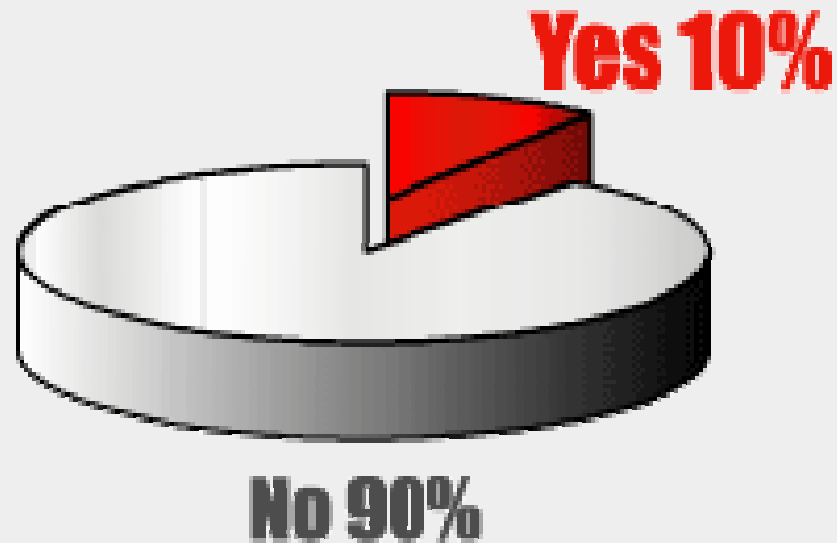
Do You Unsubscribe to Spam Messages by Following the Unsubscribe Directions of the Message?



Source: Radicati Group & Mirapoint survey, March 2005

- ◆ Users are duped ... again & again...

**Have You Ever Purchased a Product or Service
as a Result of Spam?**



Source: Radicati Group & Mirapoint survey, March 2005

- ◆ After 16 years, the Nigerian '419 scam' still works!

The Calgary Sun, Friday, August 23, 2002 NEWS 7

Scam toll hits \$15M

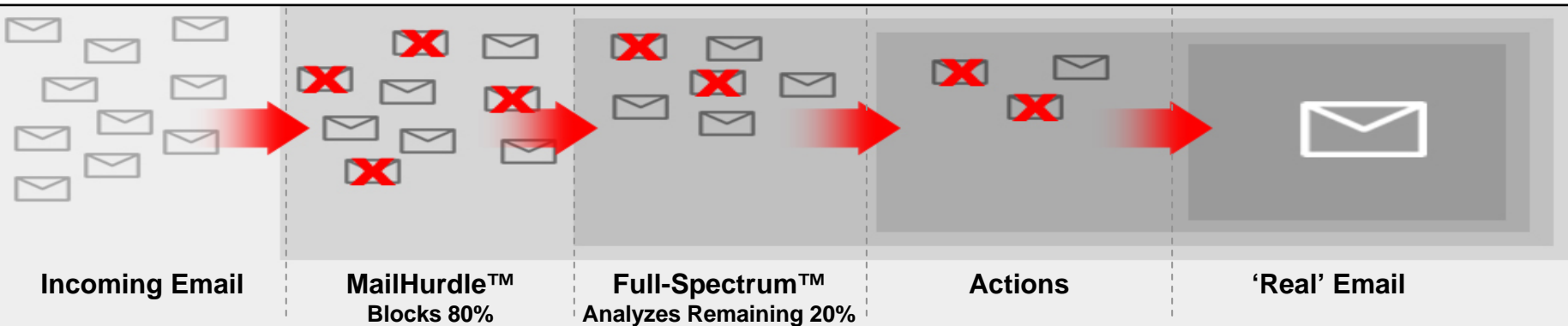
Former Calgary CEO charged

- ◆ **1/4 of systems in the UK & US are infected***
- ◆ **Clicking & Downloading from SPAM**
 - ◆ Further increases the infection of users' systems
 - ◆ Compromises Enterprise networks
 - ◆ Password stealing
 - ◆ Information stealing
 - ◆ Generates increased network traffic
 - ◆ Makes your network look like a source of SPAM
- ◆ **Opens you up to liability**
 - ◆ Potential legal liability
 - ◆ Potentially shuts down your email because of RBLs

What You Can Do?

- ◆ **Edge SPAM protections can block 98% of your problem**
 - ◆ Mirapoint's unique MailHurdle™ approach blocks at edge before SPAM uses any of your email resources
 - ◆ Signature vs. Heuristic techniques – Signature techniques, like Mirapoint's Rapid Anti-Spam™ technology, are immune to spammers' shifting techniques
- ◆ **Virus scanning is a must & multiple Anti-Virus engines best approach**
- ◆ **Zero-Hour Anti-Virus techniques can stop Viruses before they're identified**

Mirapoint Full-Spectrum™ technology achieves overall 98% catch-rates



- ◆ **Don't forget IM edge protections**
- ◆ **Protect your desktops**
 - ◆ Multi-tiered Anti-Virus approaches work very well
 - ◆ Use different Anti-Virus on desktop than on server
 - ◆ On Windows desktops use Microsoft or alternative Anti-Spyware software



◆ Create best practices for email

- ◆ Block port 25 for outbound sending
- ◆ Use POP before SMTP to authenticate Senders
- ◆ Rate limit outbound connections
- ◆ Scan outbound and inbound traffic


◆ Create email policies

- ◆ Acceptable user policies on email behavior



- ◆ **Provide training on good Internet & email hygiene**
 - ◆ Don't unsubscribe
 - ◆ Don't publish your email or IM information
 - ◆ Don't click on links
 - ◆ Use modern email readers & browsers that best protect your personal information
 - ◆ In general, some basic guidelines:
 - ◆ If it's too good to be true, then it probably is!
 - ◆ Don't share your personal information online
 - ◆ Buy from reputable sources
 - ◆ When you're duped, immediately report it to local law enforcement

We Can Stop It! – Try RazorGate



A central image of a white RazorGate 450 server unit is superimposed on a grey wireframe globe. A blue award ribbon with a gold seal and the text '1st PLACE' is draped over the server. Red dots on the globe are connected by thin black lines to various text blocks surrounding the server.

Best
Smartest
spam-stopper

Reliable
Proven 99.999% uptime

Complete
Multi-layered
protection

Edge
Protects any
mail server

Proven
800+ customers
worldwide

Easy
Simple to
deploy & manage

Expert
Industry's
first in 1998

Broadest
Mirapoint
Message Server

For More Information



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