The Rise of Cyber Crime
Virus Bulletin, 2006--Montreal

David Perry
Global Director of Education
I really don’t want to engage in hype

ATLANTIS FOUND

It’s not in the sea! Explorer finds secret city swept UP into the Alps.

WEEKLY WORLD NEWS

THE WORLD’S ONLY RELIABLE NEWSPAPER

COMPUTER VIRUS SPREADS TO HUMANS

BAR GLASS HELP YOU STRAIGHT WHEN YOU’RE DRUNK
Alvin Toffler was right!

- We are not emotionally prepared to handle the constant rate of technological change
- New technologies require new ways of thinking
- A new tool can extend our reach in many ways
- Sometimes, new technologies have negative effects mixed in with their blessings
The old west outlaw

- Worked with a gang
- Could only steal what he and the gang could carry on horseback
- Had an effective range limited to one day’s horse travel
- Could only steal what was available locally
What did cars bring to crime?

- Added range (an outlaw could cross state lines in a single day)
- Added carrying power (Cars can carry more loot than a horse)
- Higher firepower weapons (car based gangs favored automatic weapons)
- The rise in interstate crime brought the FBI to prominence
Famous Car Criminals
The Problem
Threat Landscape Is Evolving

Time

PC Virus
File Infector

Standalone PC

Shared network LAN/WAN

Shared multi-service networks

Boundless Internet connectivity

Profit-Motivated

Macro Virus

Trojan

Script Virus

Network Worm

Email Worm

Bots

Spyware

Spam

Phishing

Pharming

Threat Landscape Evolution

Combined Threats

Business Network Evolution

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Main Targets of Cyber Crime

- The end user
- Banks
- eBay™ and PayPal™

Why are these the main targets of cyber crime?
Cyber Criminals
THE LATE ALLAN PINKERTON.

REWARD ($5,000.00)

Reward for the capture, dead or alive, of one Wm. Bonney, better known as “Billy the Kid”

Age, 18. Height, 5 feet, 3 inches. Weight, 125 lbs. Light hair, blue eyes and even features. He is the leader of the worst band of desperadoes the Territory has ever had to deal with. The above reward will be paid for his capture or positive proof of his death.

PAT GARRETT, Sheriff.

DEAD OR ALIVE! “Billy the Kid”
And, now, to introduce our panel!