Technical Assistance against Cybercrime from a vendors perspective

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Agenda

Goal – Share intelligence and drive knowledge transfer!

- Information on Global Threat Intelligence
  - What's real and relevant – helping define the scope of the problem
- Training and Education
- Support in the Governments/local agencies
  - Law enforcement agencies assistance - PCeU
  - EU parliament & national governments
- Cybercrime Response Unit

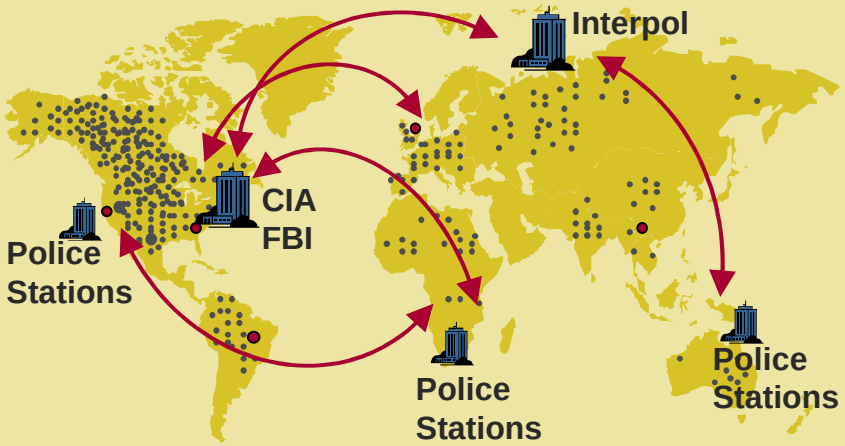
Collaborative Global Intelligence

Physical World

Intelligence Agents

Deploy agents: Officers around the globe *(MI5, MI6, FBI, CIA, Interpol.)*
Global intelligence system: Share intelligence information. (e.g. criminal history, global finger printing system)

Results
Effective - Accurate detection of offenders
Pro-active - Stop them from coming in the country



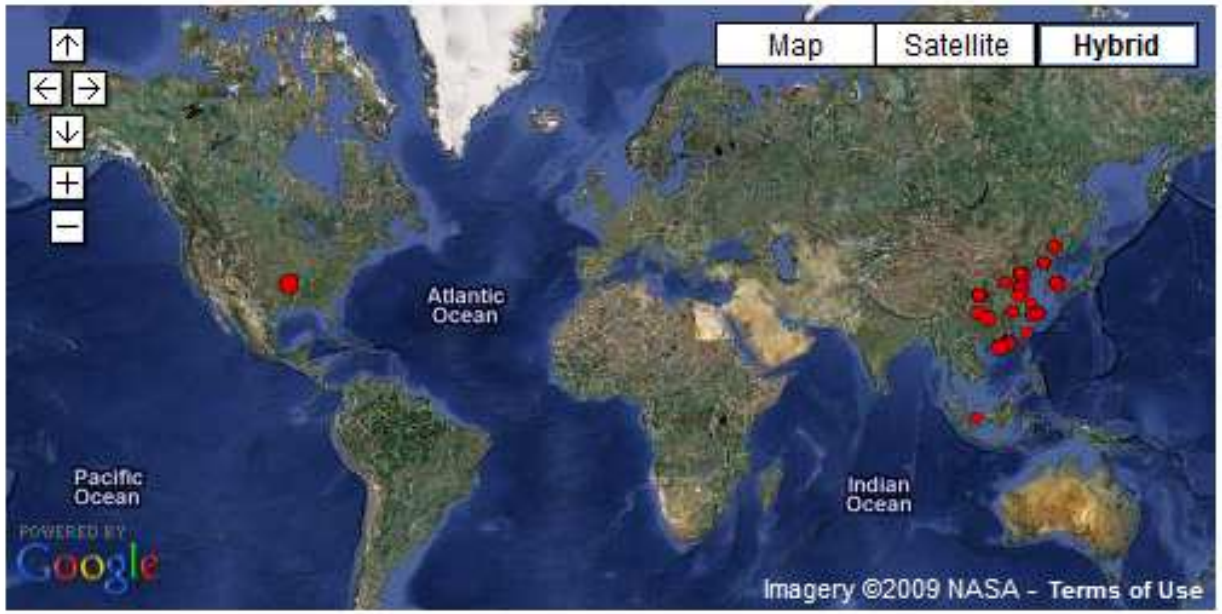
Cyber World

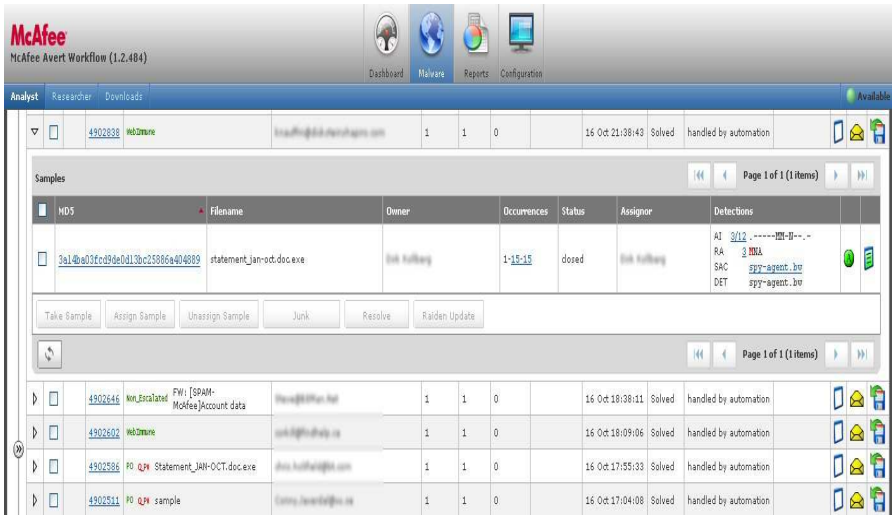
Intelligence Probes

Deploy security probes: Around the globe *(firewall, email gateways, web gateways)*
Global intelligence system: Share cyber communication info.
(e.g.: hackers, spammers, phishers)

Results
Effective - Accurate detection of bad IPs, domains
Pro-active - Deny connection to intruders to your enterprise

Collaborative Intelligence





Industry Connections Security Group

Initial Goal: How do we improve the efficiency of the collection & processing of the millions of malware file samples we all handle each and every month ?

- ISCG was started by AVG, McAfee, Microsoft, Sophos, Symantec and Trend Micro, and is open to others…
- Facilitate the pooling of industry experience and resources
  - Focused on development of a XML based metadata sharing standard to augment existing malware sample sharing
- A forum for development of proposed standards and best practices related to computer security
  - IEEE is a recognized brand known to deliver standards
- Goes beyond Malware Issues !

Google for: "IEEE ICSG" *Email: joinicsg@ieee.org*

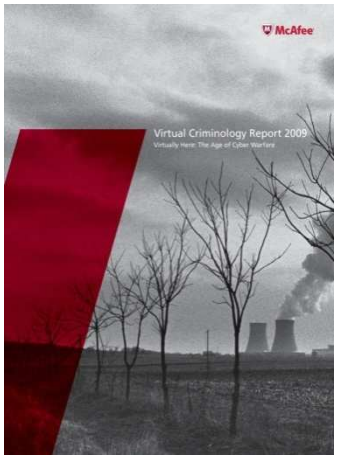
Education – Hands-on malware training

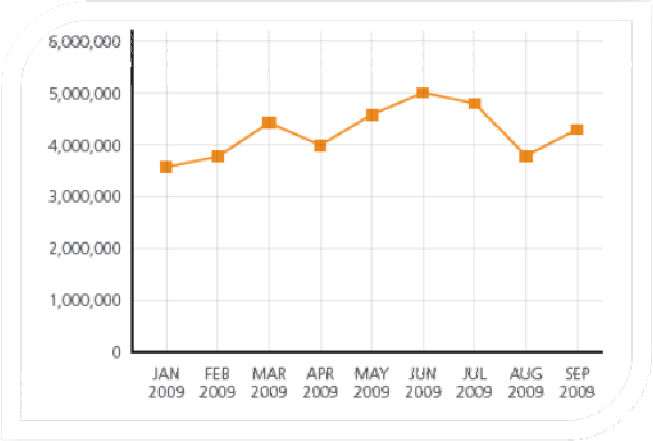
On 7-8 December 2009

- the SPMU in cooperation with McAfee, the Serbian Ministry of Interior and the OSCE Mission in Serbia organized a two-day regional cybercrime investigator training course in Belgrade, Serbia.
- Experts from Serbia, Montenegro, Croatia, Bosnia and the Republic of Srpska participated in the event.
- The training was provided at no cost by McAfee engineers and focused on Malware, Botnets and denial of service attacks.
- A member of the ATU participated in the Belgrade training as an observer to identify aspects of the McAfee training that would be applicable for future anti terrorism activities.

Working with the government to tackle cyber crime

- UK Police eCrime Unit (PCeU)
  - Direct line to McAfee Labs to support field work
  - Planned hands on Malware training
- EU parliament, OSCE & UK government briefings
  - Sharing research report on scope of the problem
    - CIP report briefings
      - 54% experience large scale denial of service attacks
      - Cost of downtime as a result of a cyber-attack on critical infrastructure ave. $**6 million per day**
    - Trending reports and annual Cybercrime reports





- **40M+ Botnet'ed PC's in 2009**
- That's over148,000 per day

Global Initiative to Fight Cybercrime

McAfee

Advisory Council

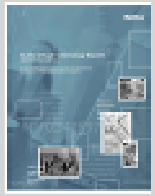
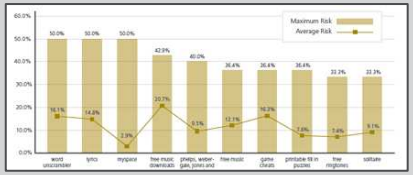
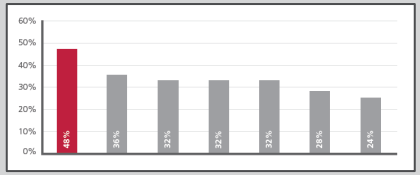




Grants

- Influence adoption of **cybercrime laws**, CoE Cybercrime Convention
- Increase **training for prosecutors**, others involved in the fight

Research and Reports

Cybercrime Response Unit

- Online 911 response
- “Street Smarts” Education

H-Commerce Documentary

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