MessageLabs

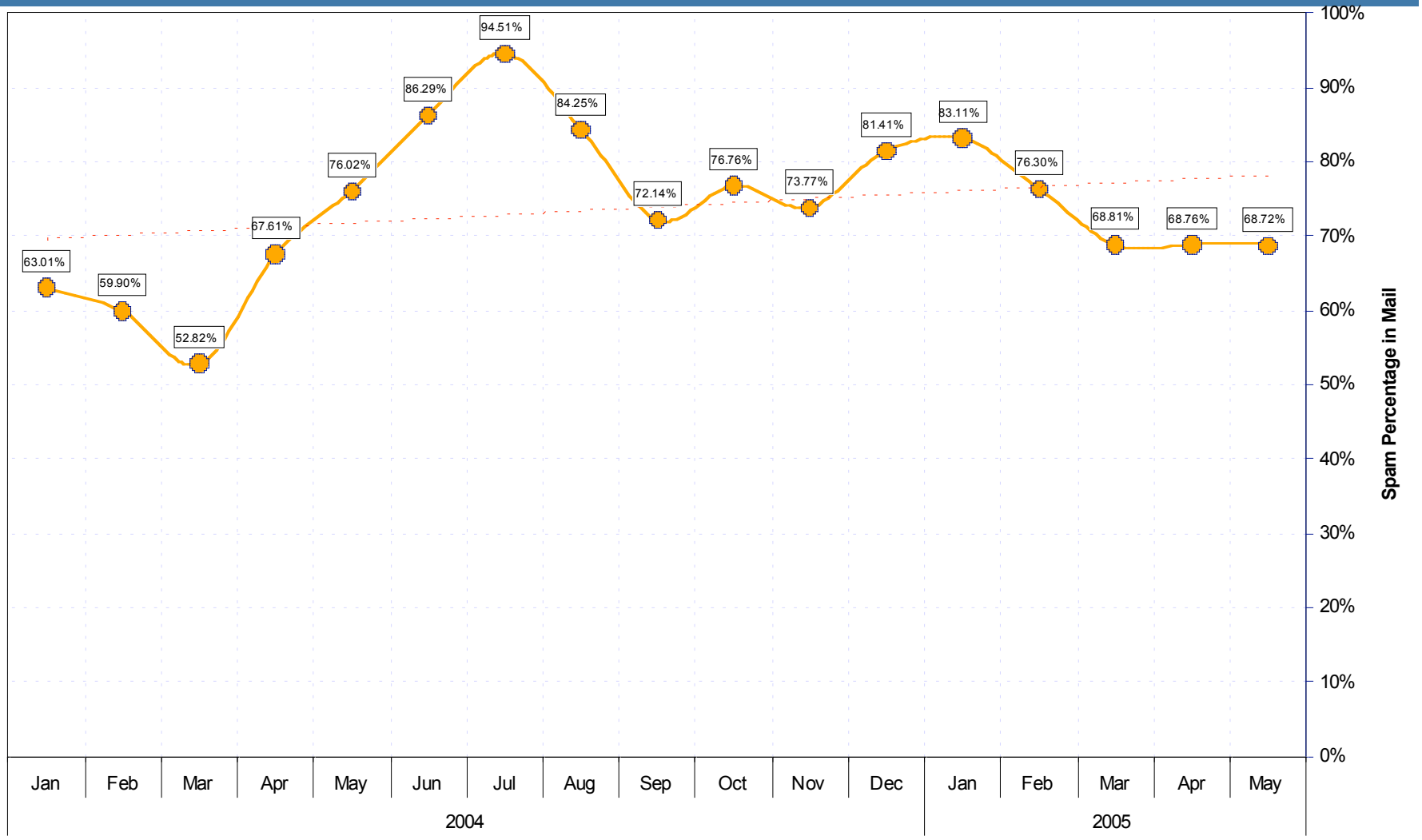
Be certain

Session 12: Technical Standards and Industry Solutions

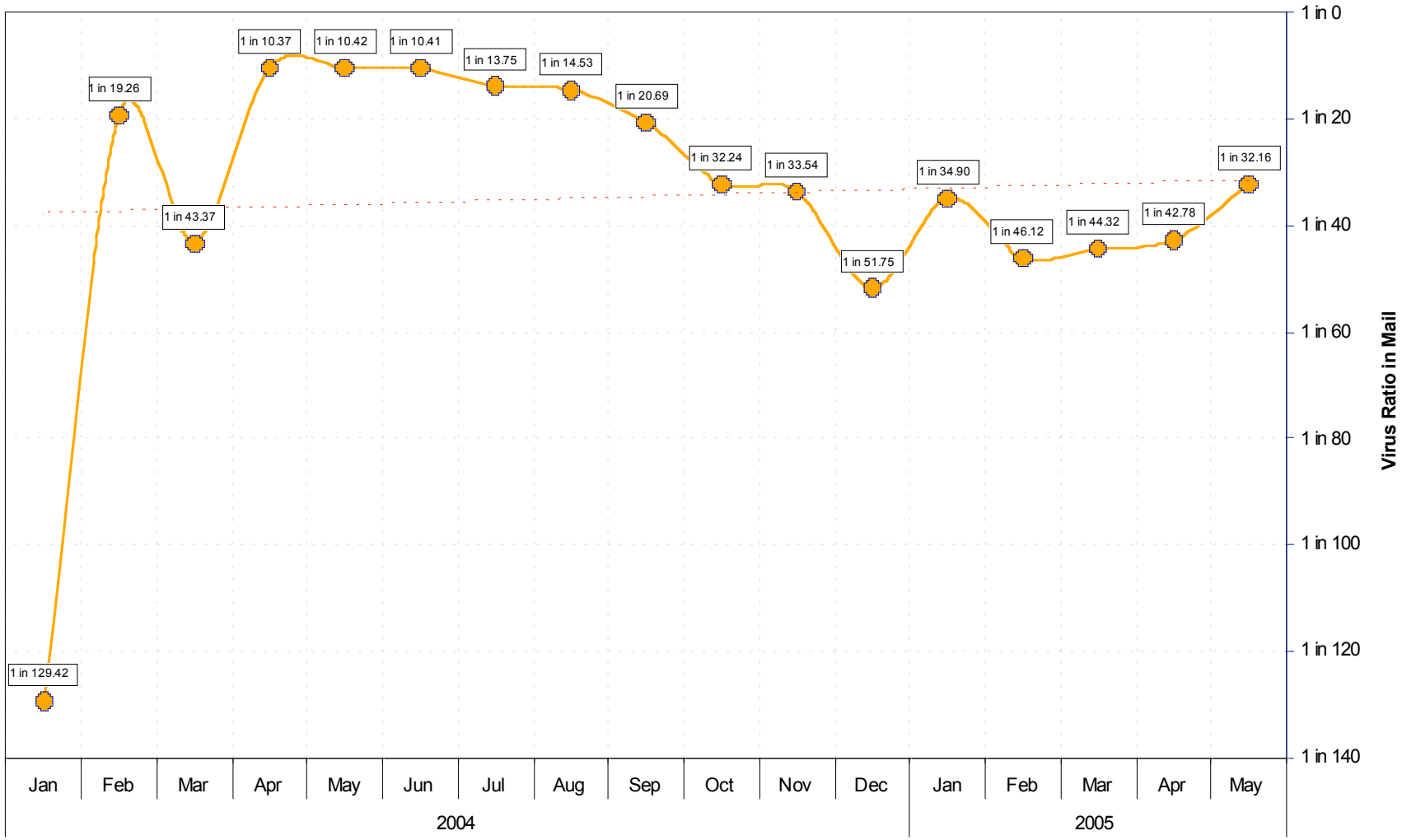
Mark Sunner, Chief Technology Officer

June 30, 2005

Spam Statistics

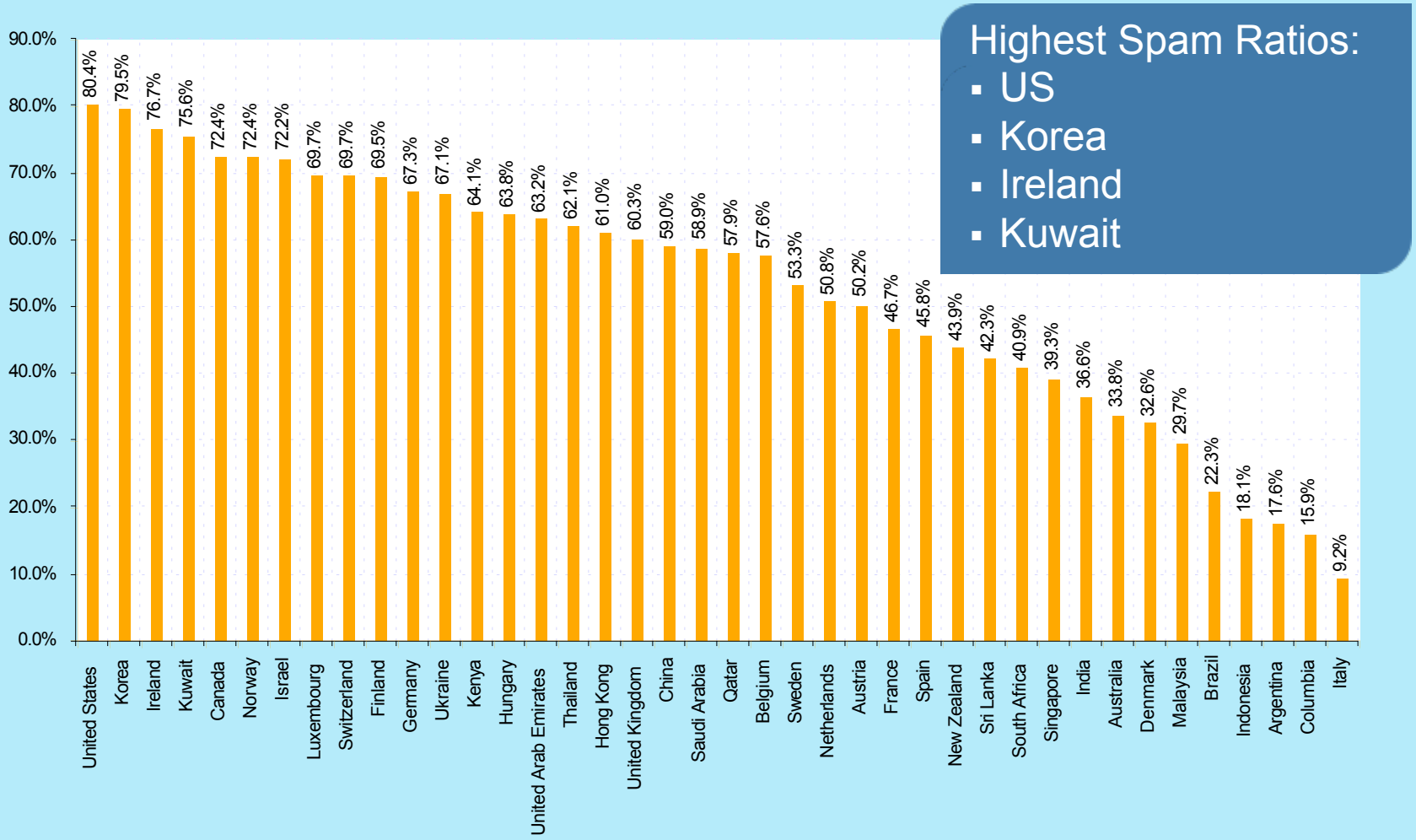


Virus Statistics



Spam Ratio – May 2005

Geographic Markets

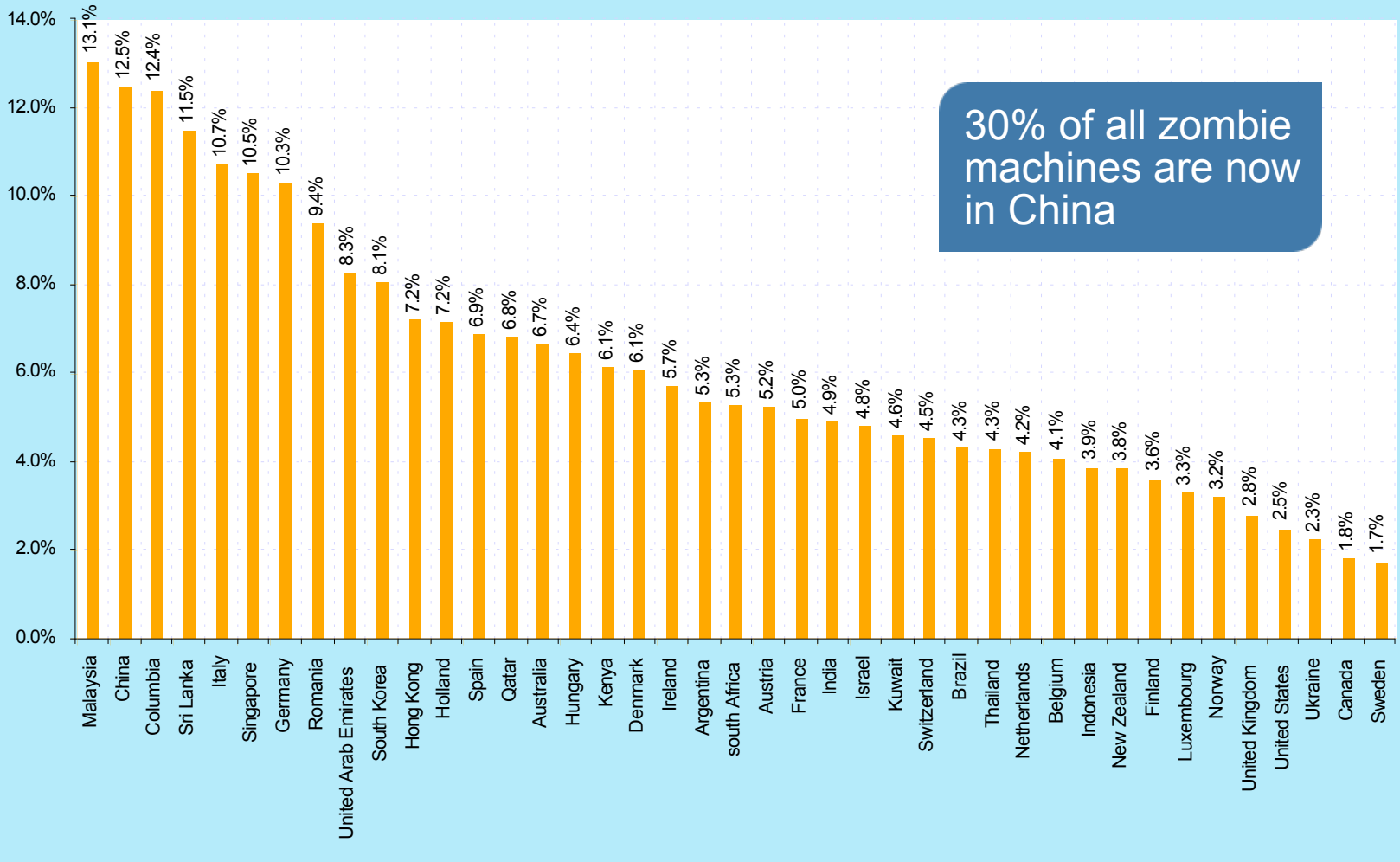


Highest Spam Ratios:

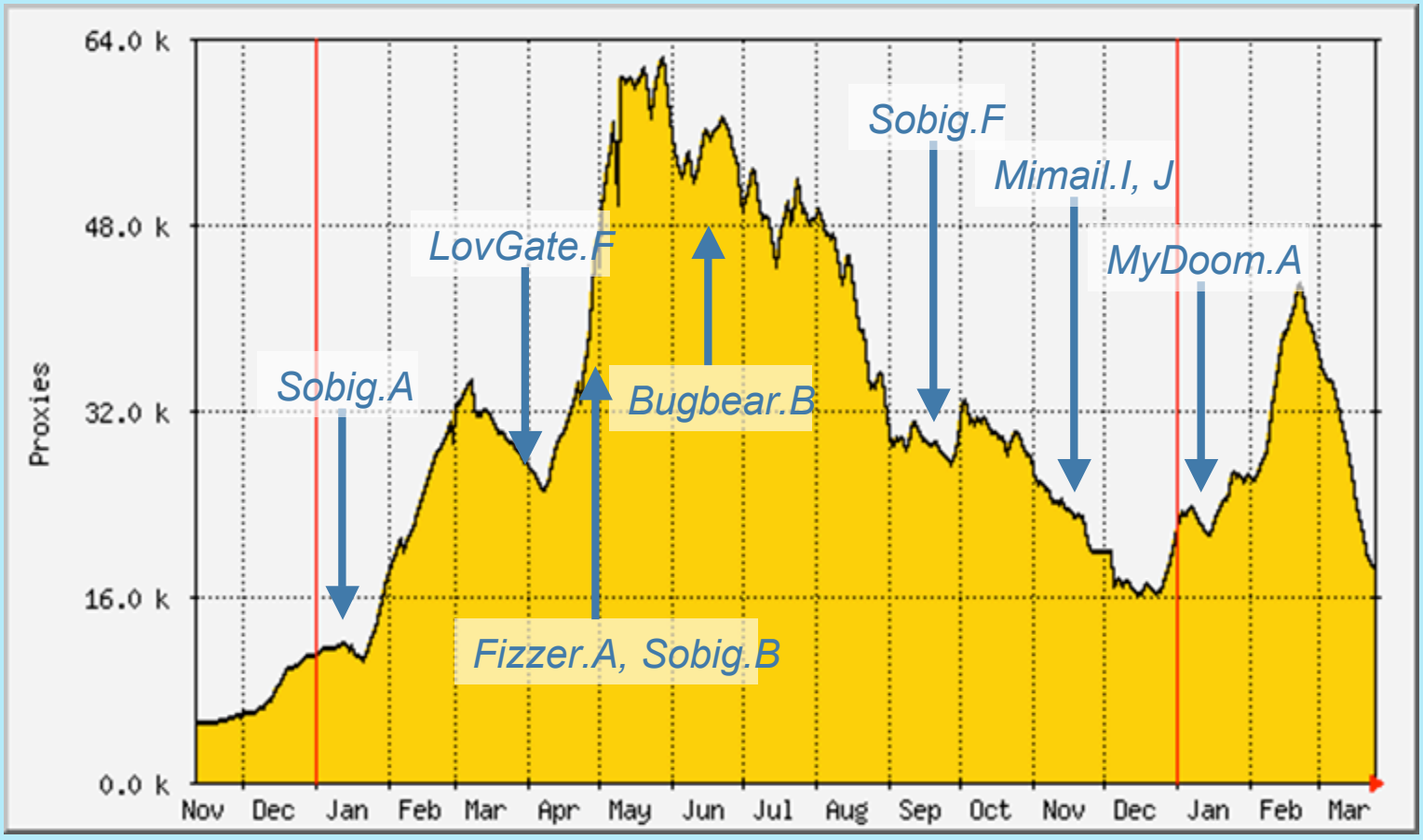
- US
- Korea
- Ireland
- Kuwait

Virus Ratio – May 2005

Geographic Markets



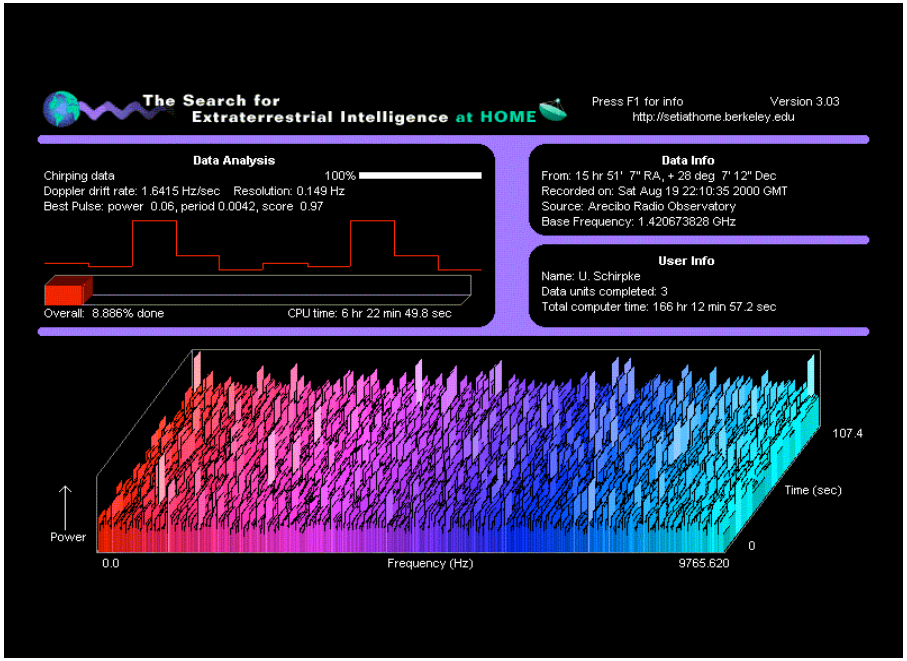
Botnet sign wave



Anatomy of a Botnet

How much Processing Power does a BotNet have?

- The Seti at Home project



Botnets Evolution

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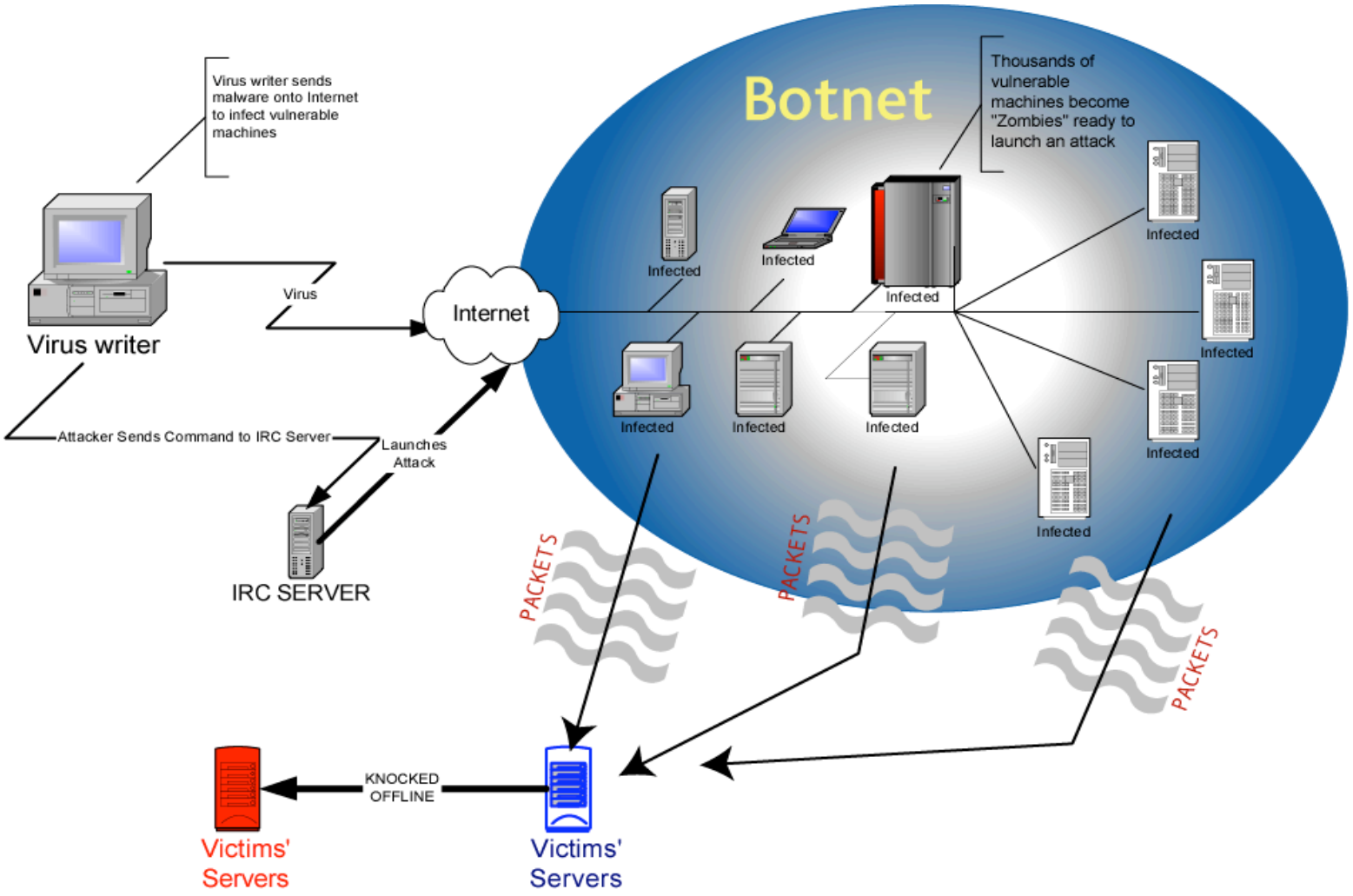
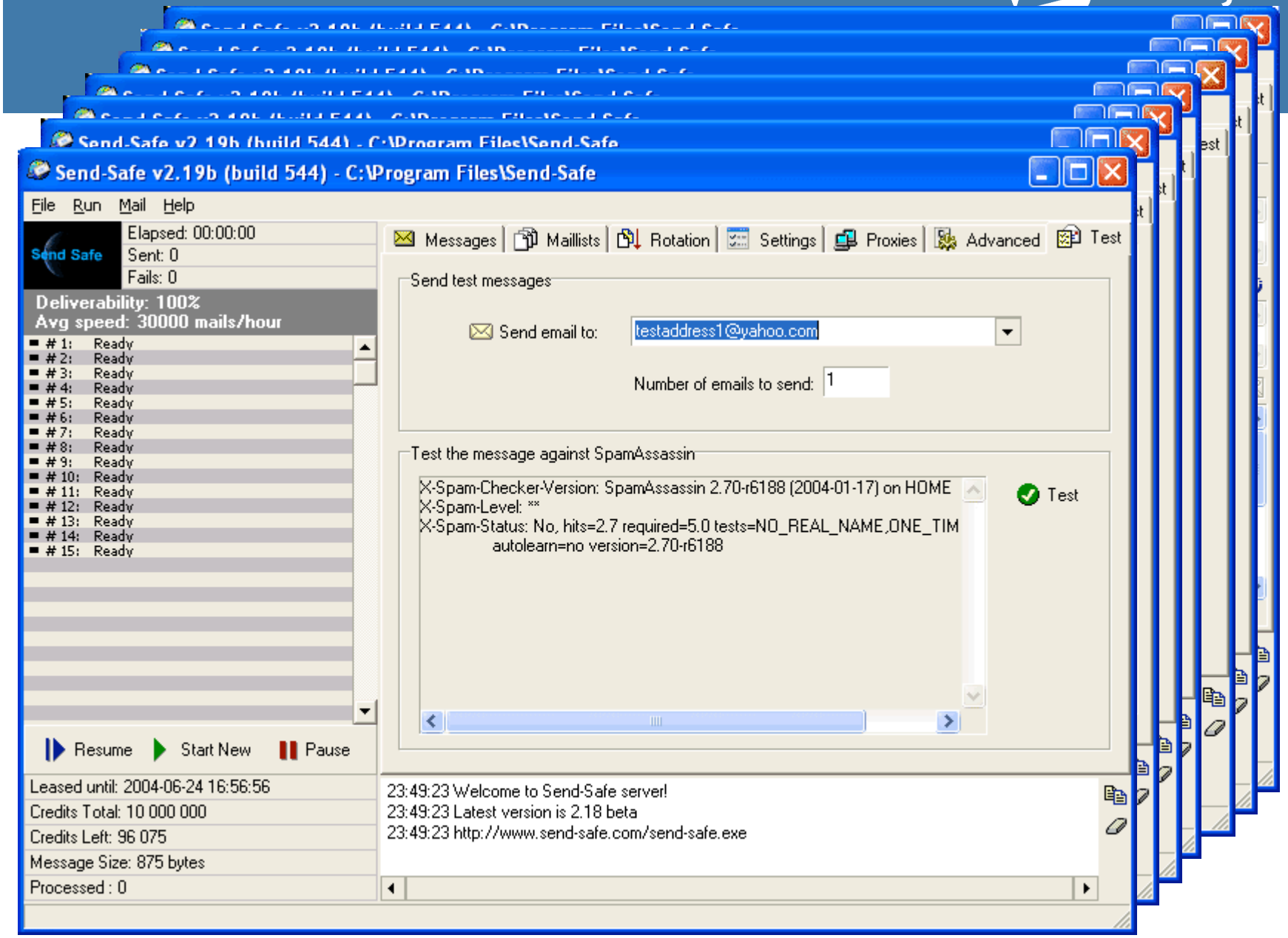
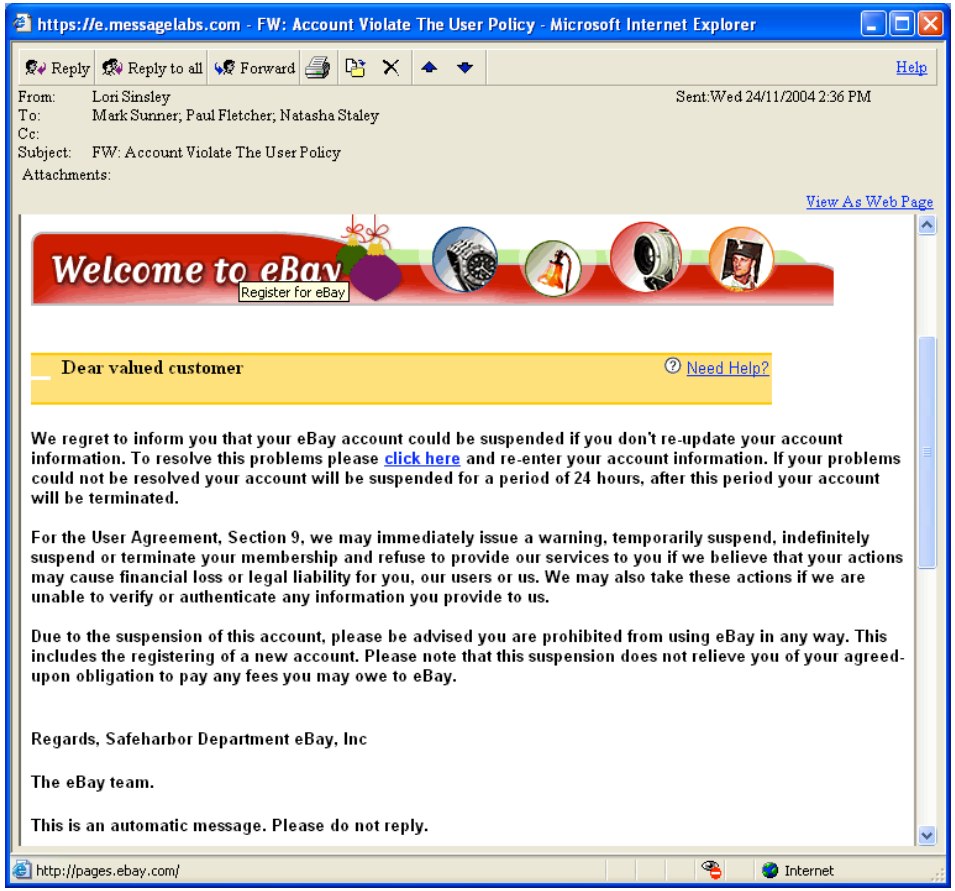


SendSafe implications



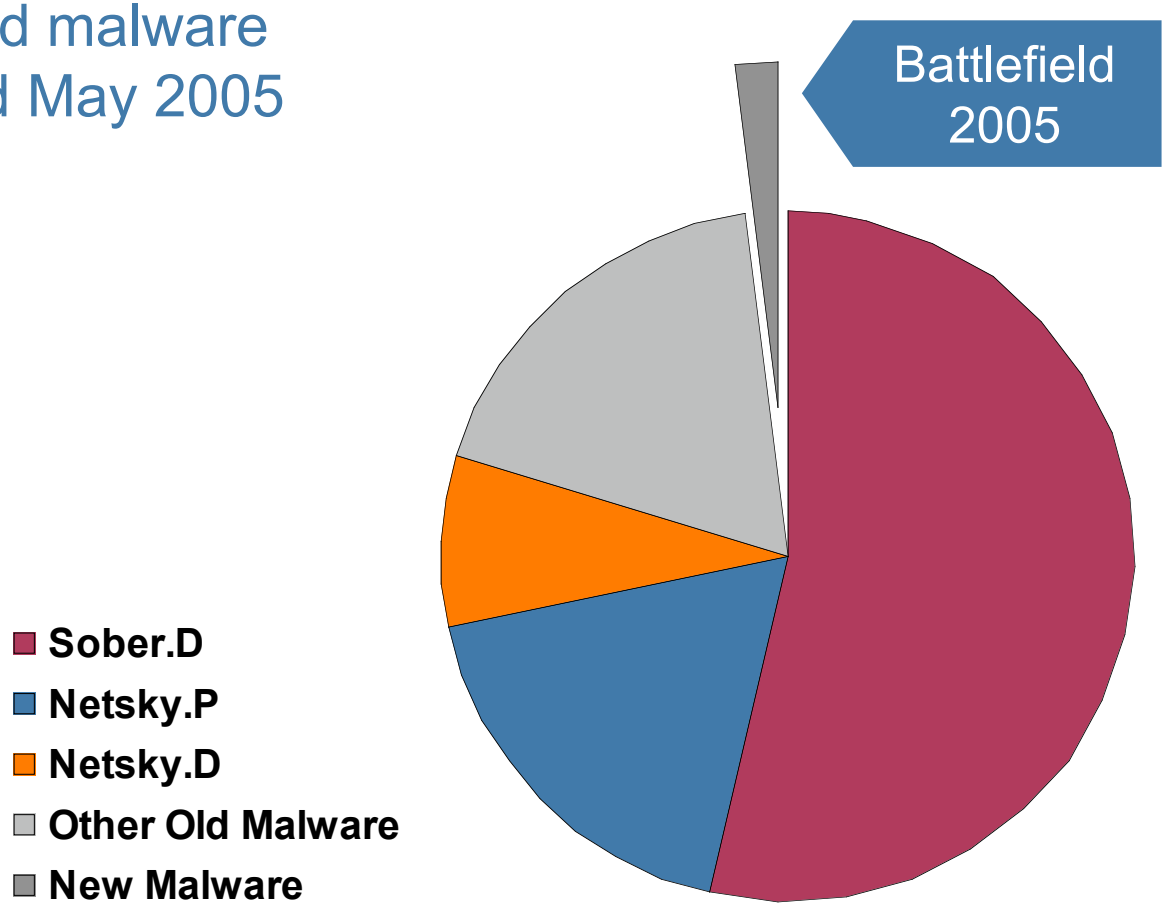
Phishing already SPF compliant

- Valid SPF record published
- Specifies a "soft fail“
  - Accept but subject to normal content checks
- E-bay.com does not belong to ebay.com
  - Validly registered



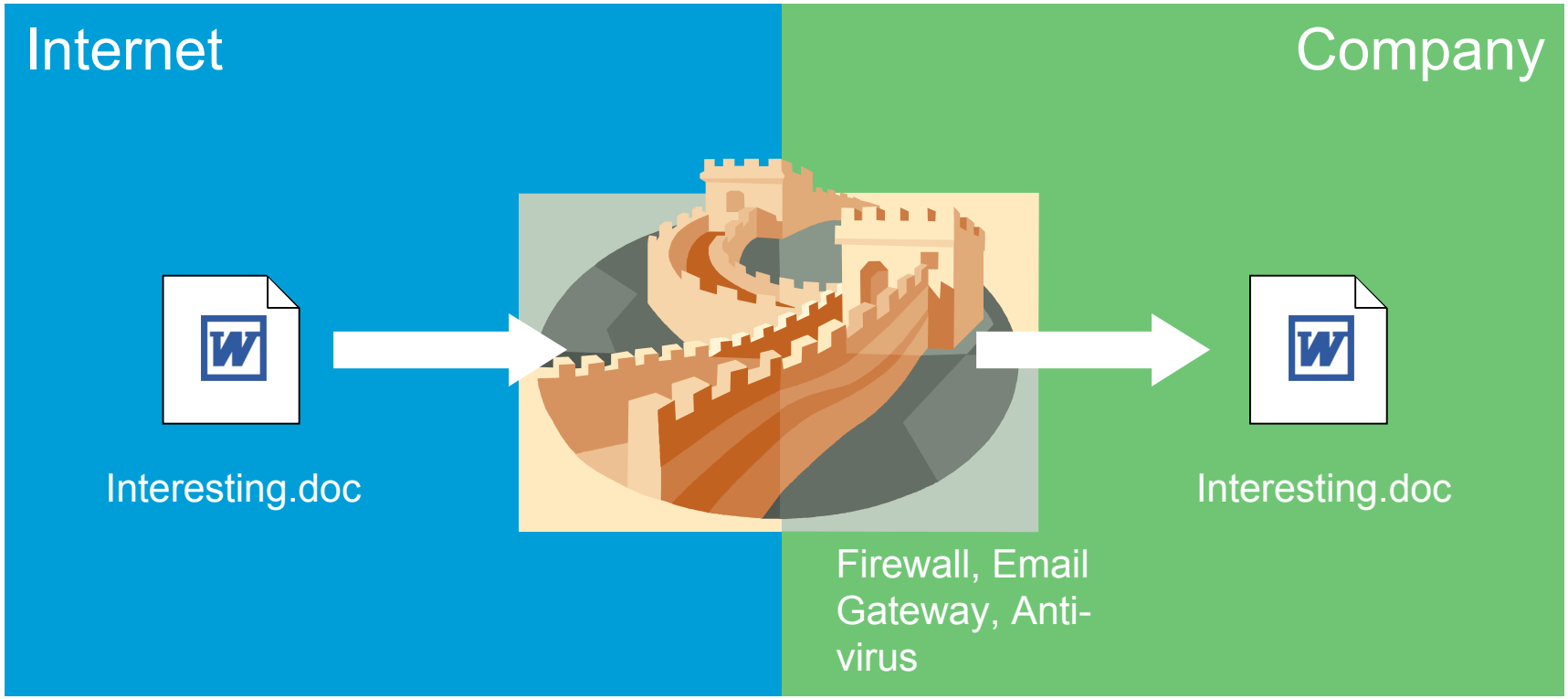
But what should you really be worried about?

- Latest battle – targeted attacks
- 'Professional' targeted malware between January and May 2005



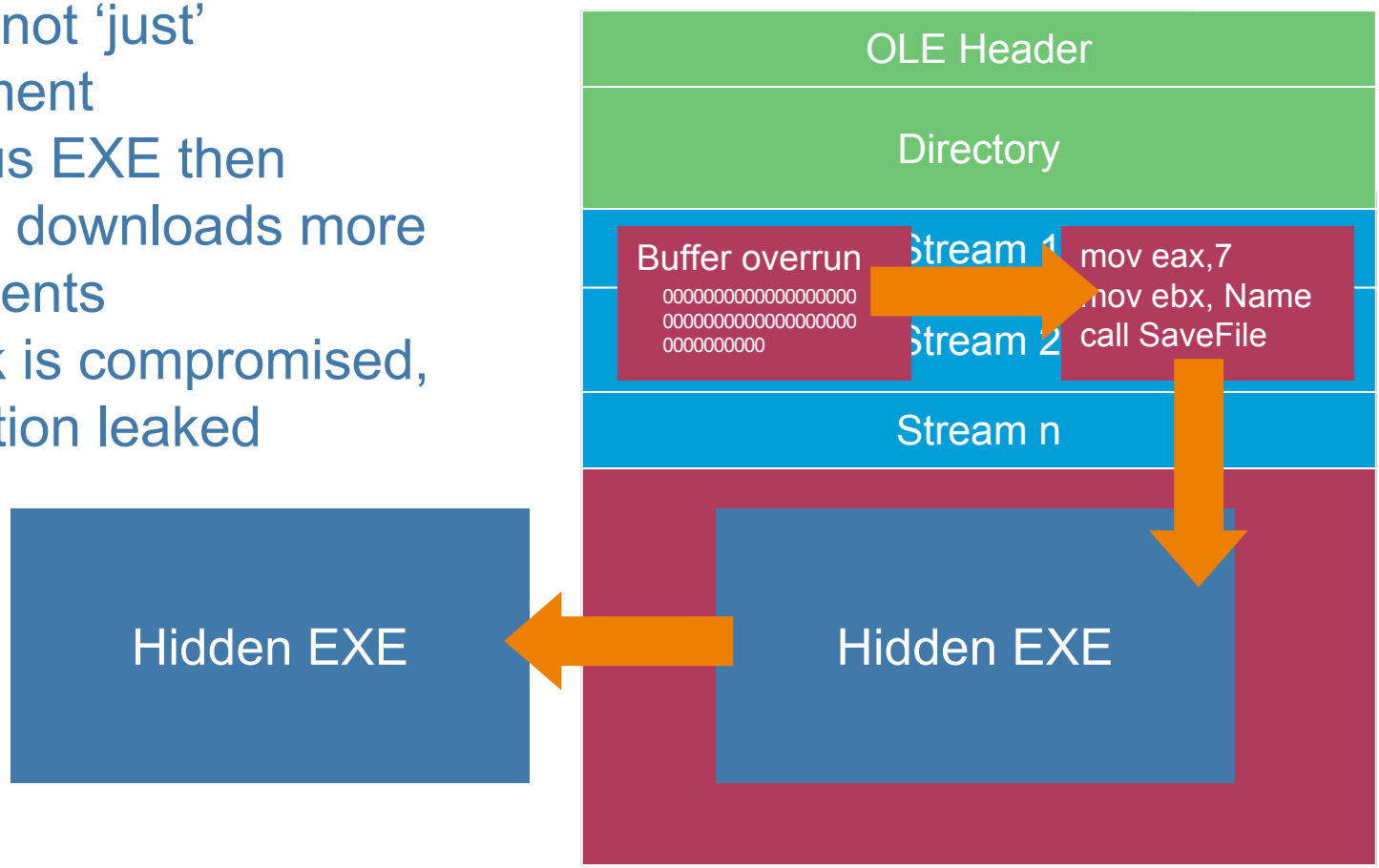
Battlefield 2005

- Typical example

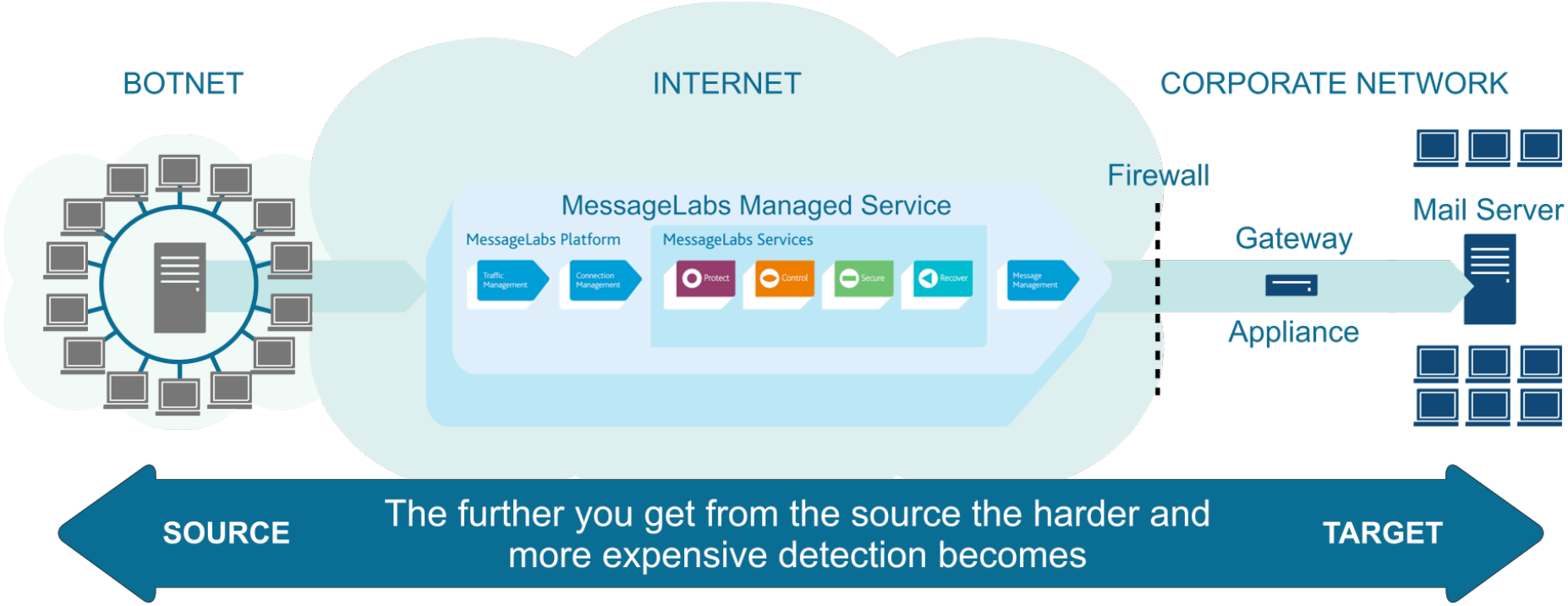


Battlefield 2005

- But it is not ‘just’ a document
- Malicious EXE then typically downloads more components
- Network is compromised, Information leaked



Move beyond the network and beyond mere scanning



Threat Vision

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