Application Control & Security Consolidation

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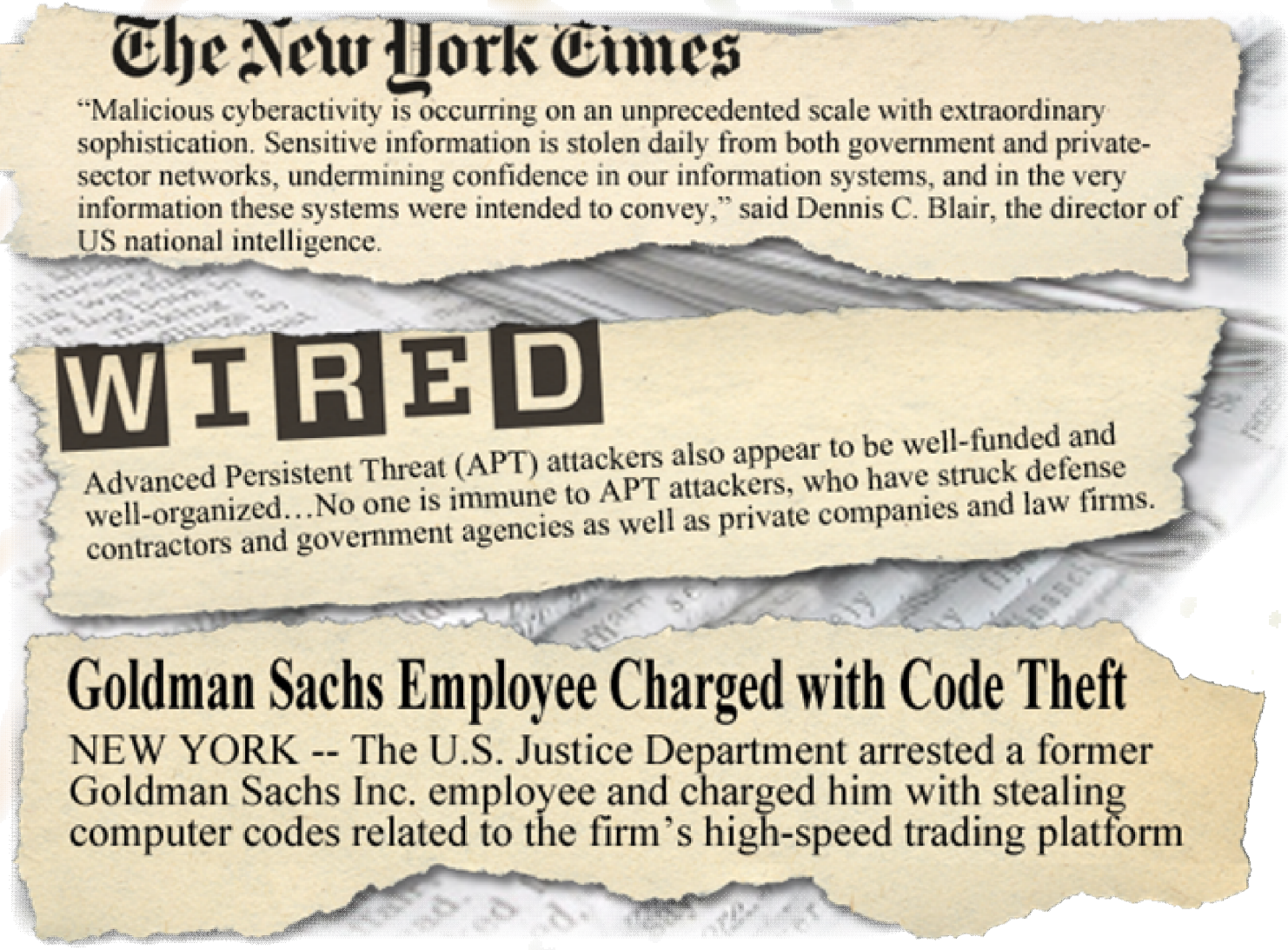
The Threats are Apparent



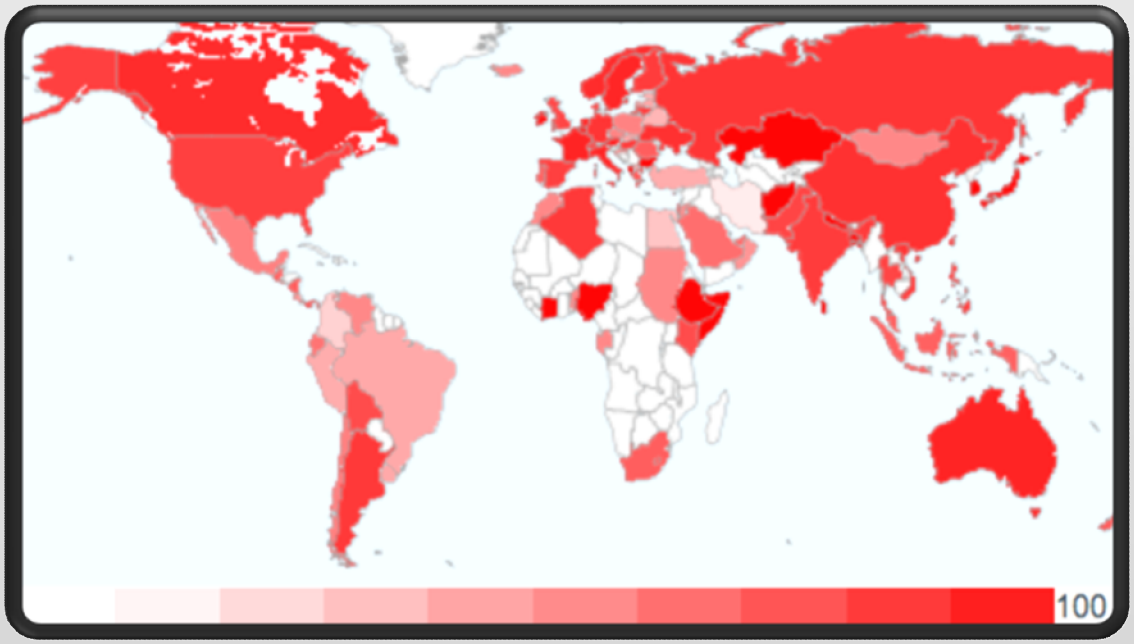
Security Challenges

- Blended attacks
- Application-focused attacks
- “Oldies but Goodies” still exist
  - Nothing goes away. Ever.
- “Survival instinct” of applications much higher than before
  - Built-in evasion techniques
- Must assume malicious activity occurs within trusted applications

Unwanted Applications

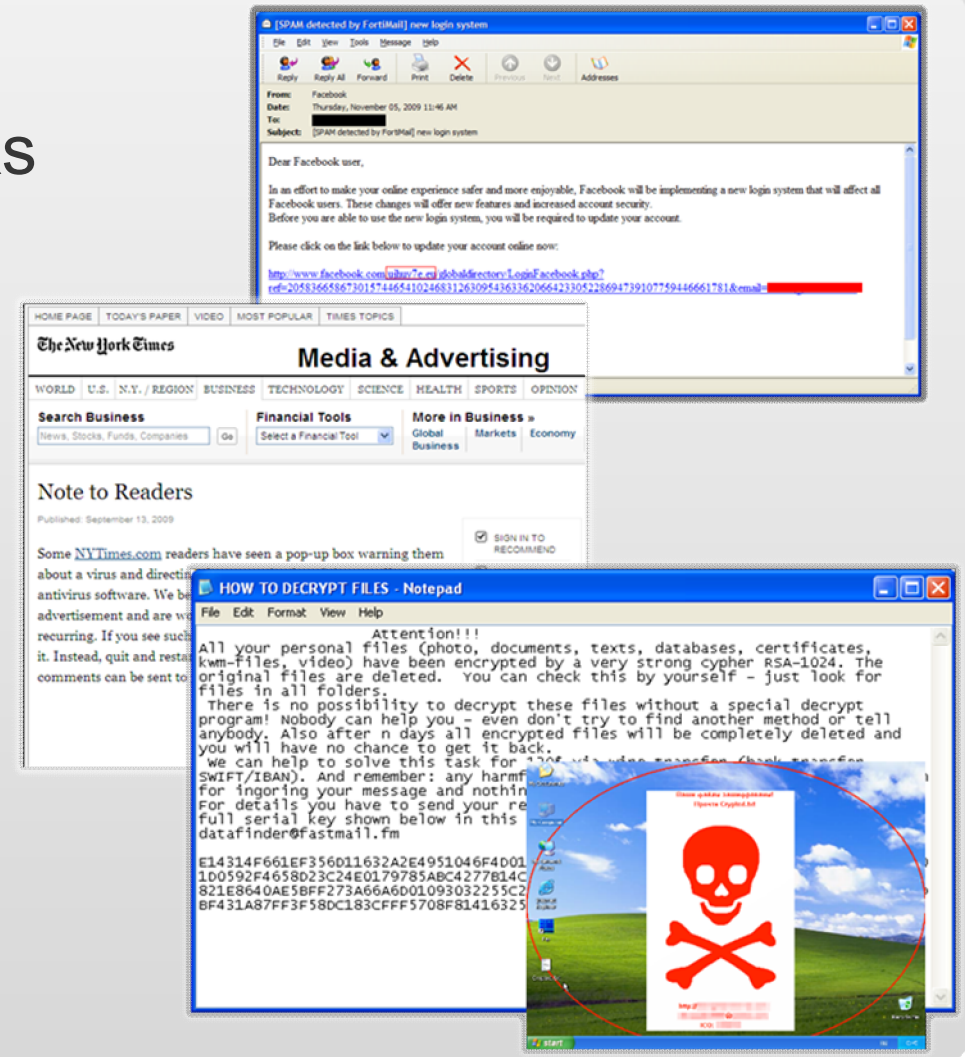
- Well funded “freeware”
- Maintained by Dynamic Internet Technology Inc. (DIT)

Name	Incident%
Freegate.Searching	44.79
Google.Web.Talk	10.34
HTTP.Video	3.66
HTTP.MS.ASF	3.63
Last.FM	3.55
EBay.Toolbar	3.51
NPR.Radio	3.39
YouTube.Download	3.37
Media.Player.Audio.HTTP	3.37
Dailymotion	3.33



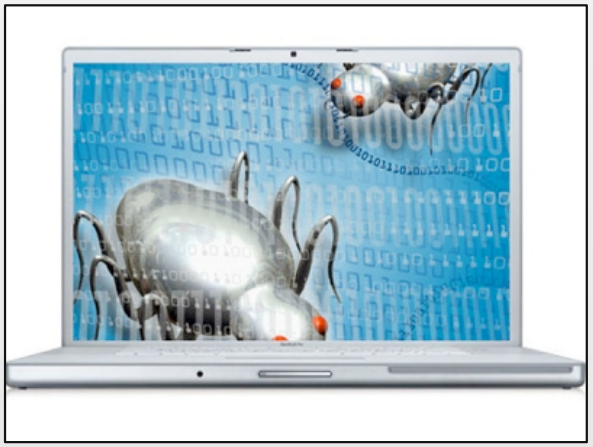
Continued Concerns in the Security Landscape

- Phishing/Spear Phishing Attacks
  - ZEUS/ZBOT
- Legitimate Sites Compromised
  - FakeAV
- Ransomware
  - gpCode



Hiloti: the (Bot)Master of Disguise

- Click to Pay Model?
- Secure Payloads

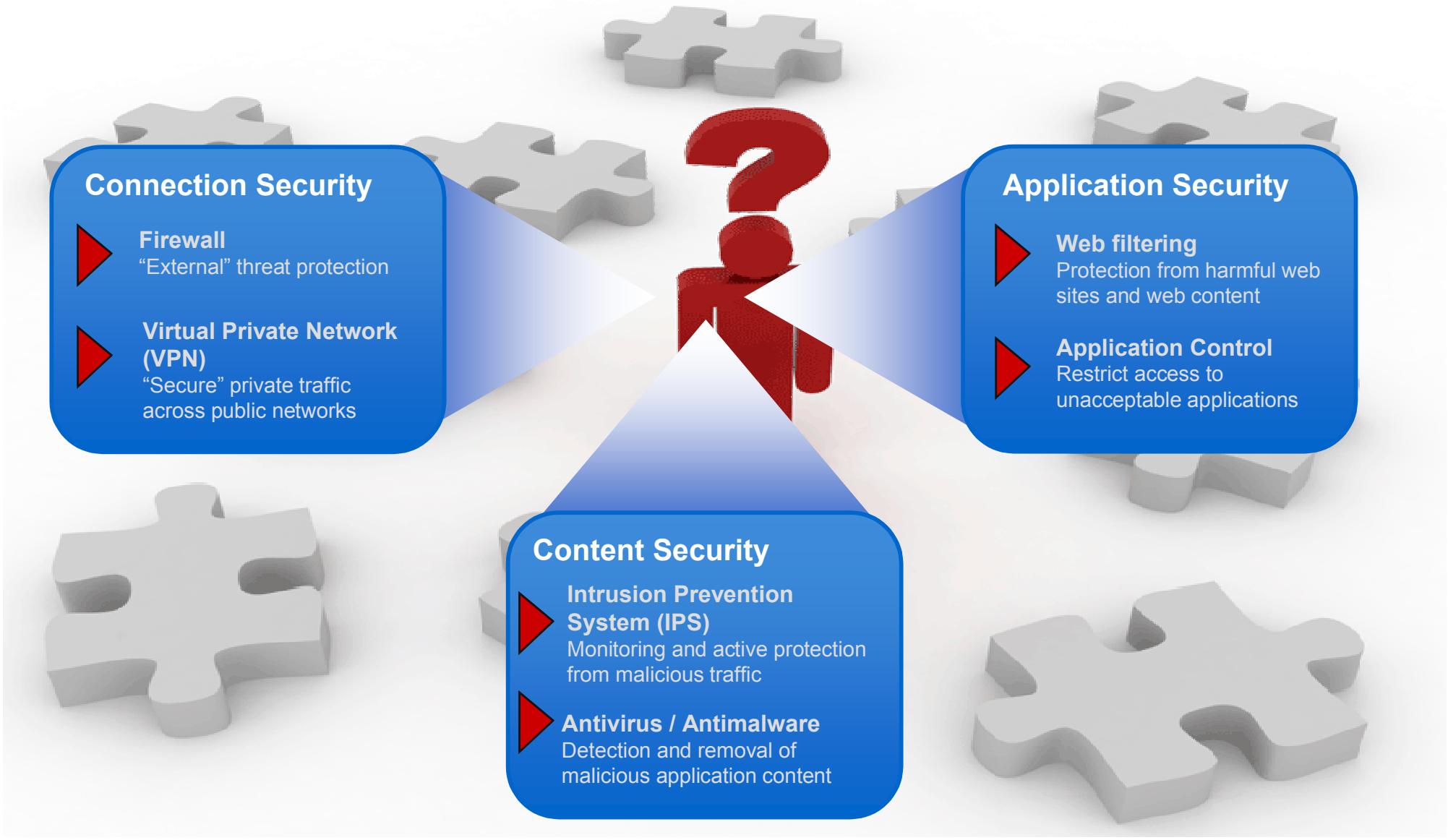


Name	Incident%
Hiloti.Botnet	13.14
Mariposa	6.94
Pushdo	5.87
Waledac	3.31
Bredolab.Botnet	2.99
Waledac.Botnet	1.49
Danmec.Asprox.SQL.Injection	1.06
Torpig.Mebroot.Botnet	0.96
Bredolab	0.85
Koobface	0.74

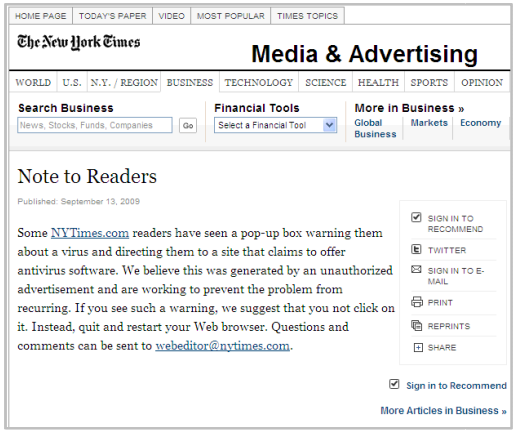
Advanced Persistent Threat

- Advanced
  - Threat that identifies the target before the access method
- Persistent
  - Tailored determined techniques based on the target or task
- Threat
  - Skilled, motivated, and well funded operators with specific objectives

Navigating the Security Landscape

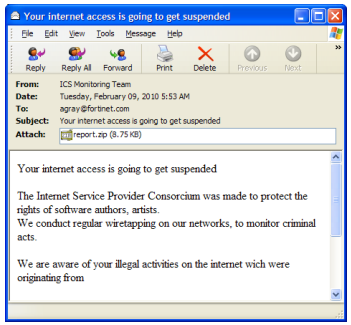


Complete Content Protection is Required



Malicious SWF Banner: NY Times

Google SEO Poisoning



Countless spam campaigns

What is Application Control?

Application Control:

- Identifying & enforcing security policy for applications, regardless of port or protocol used for communication

Objective:

- Flexibility and fine-grained policy contrc
- Increased security
- Deeper visibility into network traffic

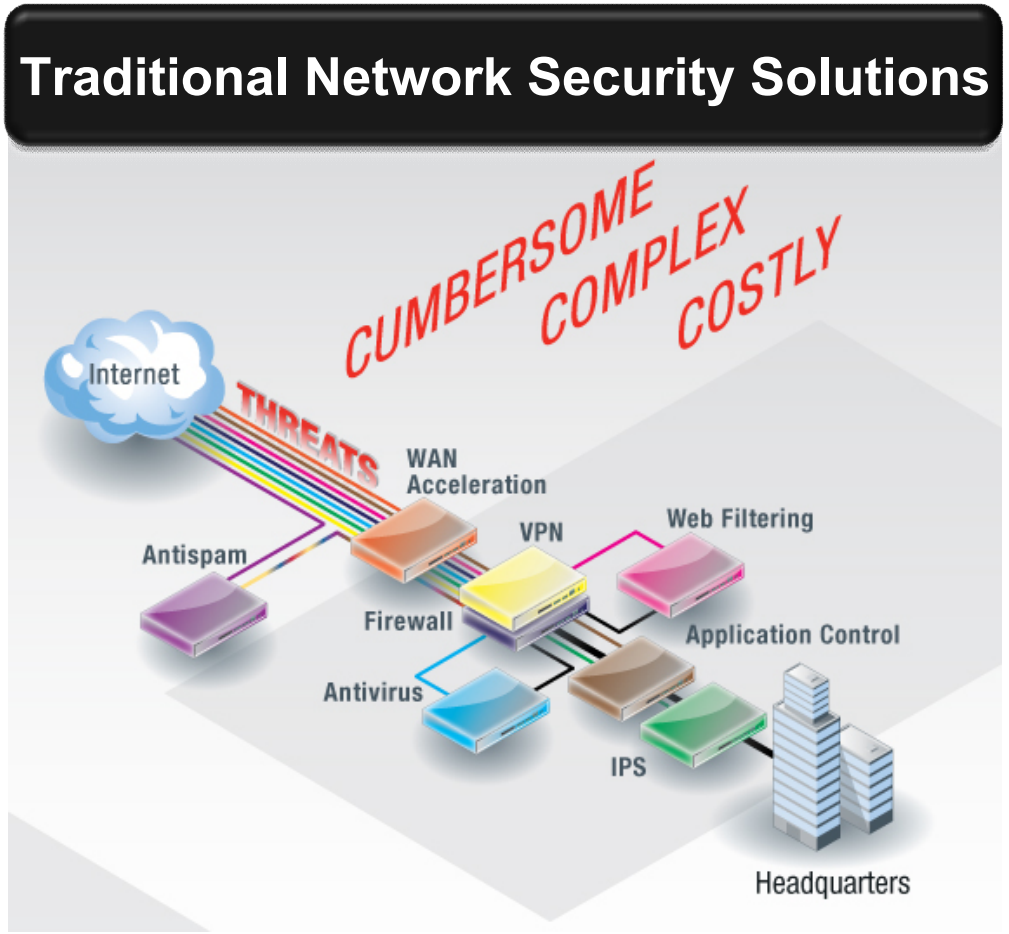
Beyond Application Identification

Today's Network Security Requires Application Detection, Monitoring, and Control

- Allowing access to Web 2.0 applications has made enforcing data security policies far more complex
  - User-created content embeds threats in content, pages, links, comments to blogs…
- Protection against effects of social media applications
  - Data loss
  - Threat propagation
  - Bandwidth consumption
  - Inappropriate use
- Endpoint to the Core
- "Single pane of glass" management for visibility & control

The Point Solution Syndrome

- Difficult to manage
  - Multiple management interfaces
  - No integration between vendors
  - No single vendor for issue resolution
- Expensive to deploy and maintain
  - Multiple vendor contracts
  - Costly support licensing
- Lack of integration
  - Leads to reduced security
- Performance challenges
  - Multiple inspection points
  - Software only solutions



Consolidation is all Around Us

Just a few examples:

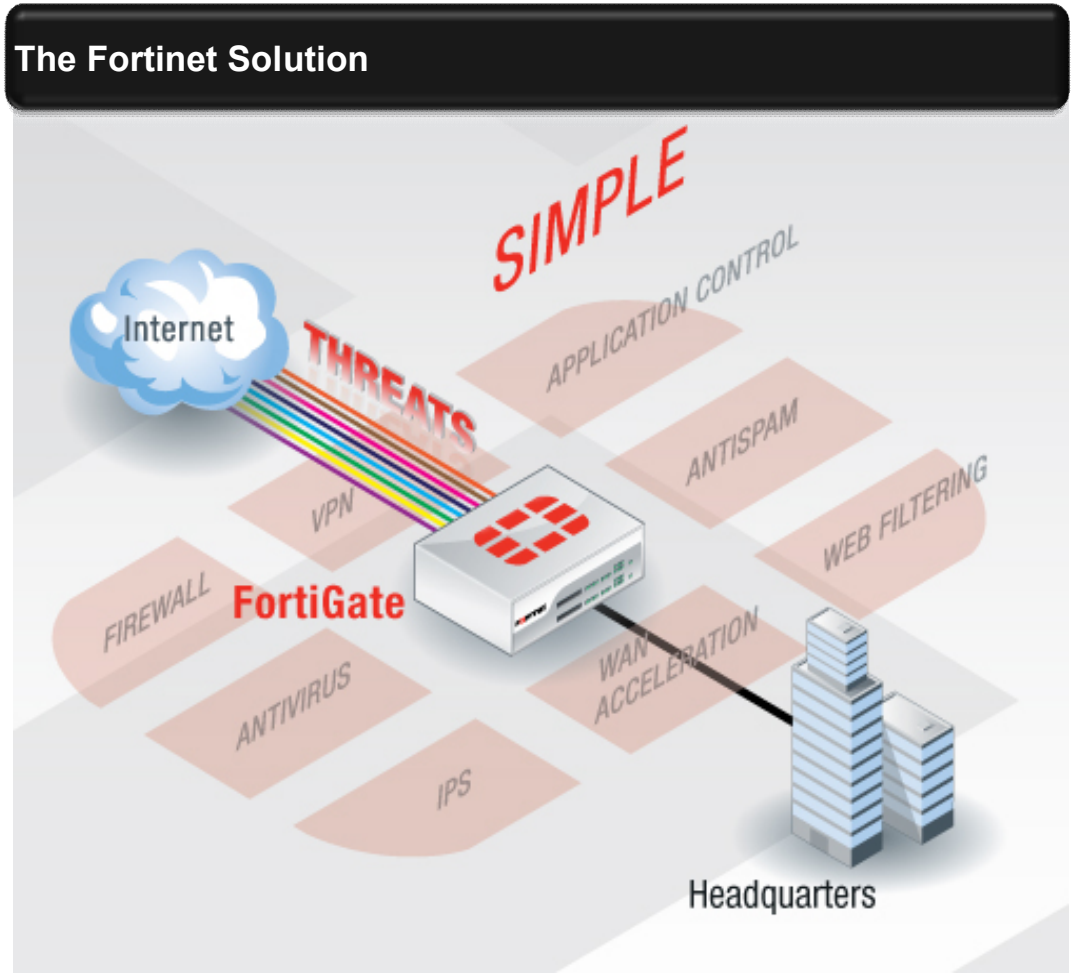
- Mobile Phones
- Companies
- Telecommunications / Video

And more importantly:

- Network Security

Consolidated Network Security

- Reduces number of vendors
- Provides comprehensive security
- Minimizes down-time
- Simplifies security management
- Coordinates security reporting
- Improves detection capabilities



Thinking Strategically

- Future-proof your security infrastructure
  - Anticipate change in threat scape & technology
- Look for opportunities to consolidate without compromise
  - Reduce complexity
  - Increase protection
  - Decrease risk
  - Lower CapEx and OpEx
- Move beyond tactical responses to threats

Thank You