

TRENDS IN THE THREAT LANDSCAPE

Guy Eilon, SEE Regional Manager – April 2013

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TRITON STOPS MORE THREATS. WE CAN PROVE IT.



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90% of companies had a breach last year

64% of breaches outside HQ or branches

1.3B mobile devices by 2014

How to handle social media risks?

The Majority of the Attacks come from Web channel (95%)

Web & Email threats will evolve to new levels



Social Web



Cloud Computing



Mobility



Risk from Data Loss



Modern Malware



Changing the Face of Security

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2013

THREAT REPORT



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Evolution of the bad guys modus operandi

STRUCTURED DATA

3742-4963-5398-4312

EASY TO PROTECT

UNSTRUCTURED DATA

Intellectual Property

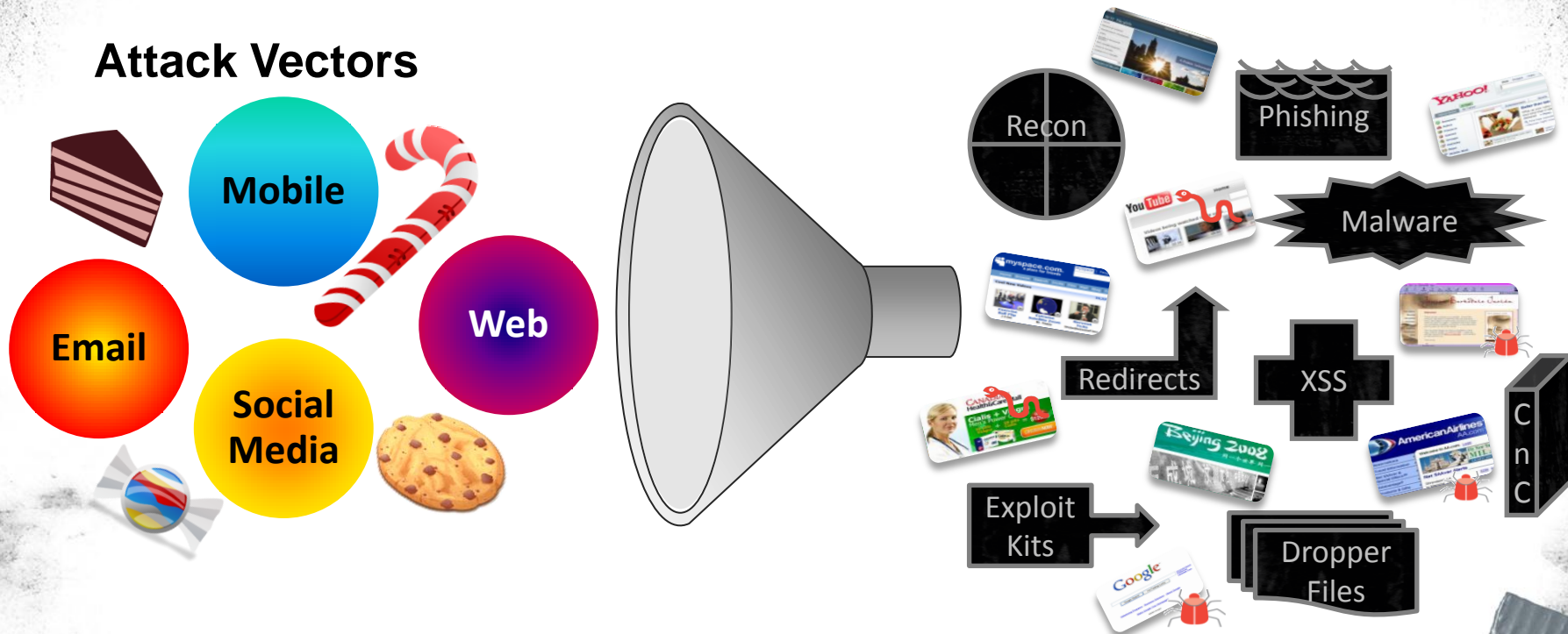
Contracts Customer Mergers Acquisitions Data ideas knowledge processes

blueprints Financial designs Accounts Ideas

HARD TO PROTECT

Victims are funneled to the Web

Attack Vectors





Malicious URLs Grew 600% World-wide by 2012

New Defense Game




“Signature based tools (anti-virus, firewalls, and intrusion prevention) are **only effective against 30-50% of current security threats**. Moreover, customers expect the effectiveness of signature-based security to continue to decline rapidly.”

IDC Threat Intelligence Update, 14-Feb-2012



McAfee Plans Layoffs As RSA Hails Death Of Perimeter Security

RSA says the world should move away from perimeter defences, as one of the world's biggest supporters of that model, McAfee, announces layoffs

On October 9, 2012 by Tom Brewster  1

McAfee is planning on laying off a small number of employees, as the anti-virus industry begins to struggle in light of increased freemium competition and what RSA is hailing as an industry shift away from perimeter defences, at the [RSA 2012 conference](#).

The second biggest anti-virus firm in the world, behind number one Symantec, told [Reuters](#) it was unsure how many would be asked to leave. McAfee told [TechWeekEurope](#) it had no further comment on the matter.

Meanwhile, Symantec is unlikely to be making any layoffs. "We evaluate conditions on an ongoing and regular basis and there are no plans as of right now," said spokesperson Chris Paden.



Goodbye to AV

Both companies are feeling the effects of the move away from perimeter defences, and anti-virus in particular. Some have claimed AV only blocks around 30 percent of modern threats.

RSA, talking today at the [RSA 2012 conference in London](#), has called on the industry to stop focusing so heavily on perimeter defences, and move towards intelligence-driven security.

"We have to get to this idea of visibility, where security teams aren't just waiting for new technologies, to where they are the hunters, they are the ones going out and finding threats," Eddie Schwartz, chief information security officer at RSA, told

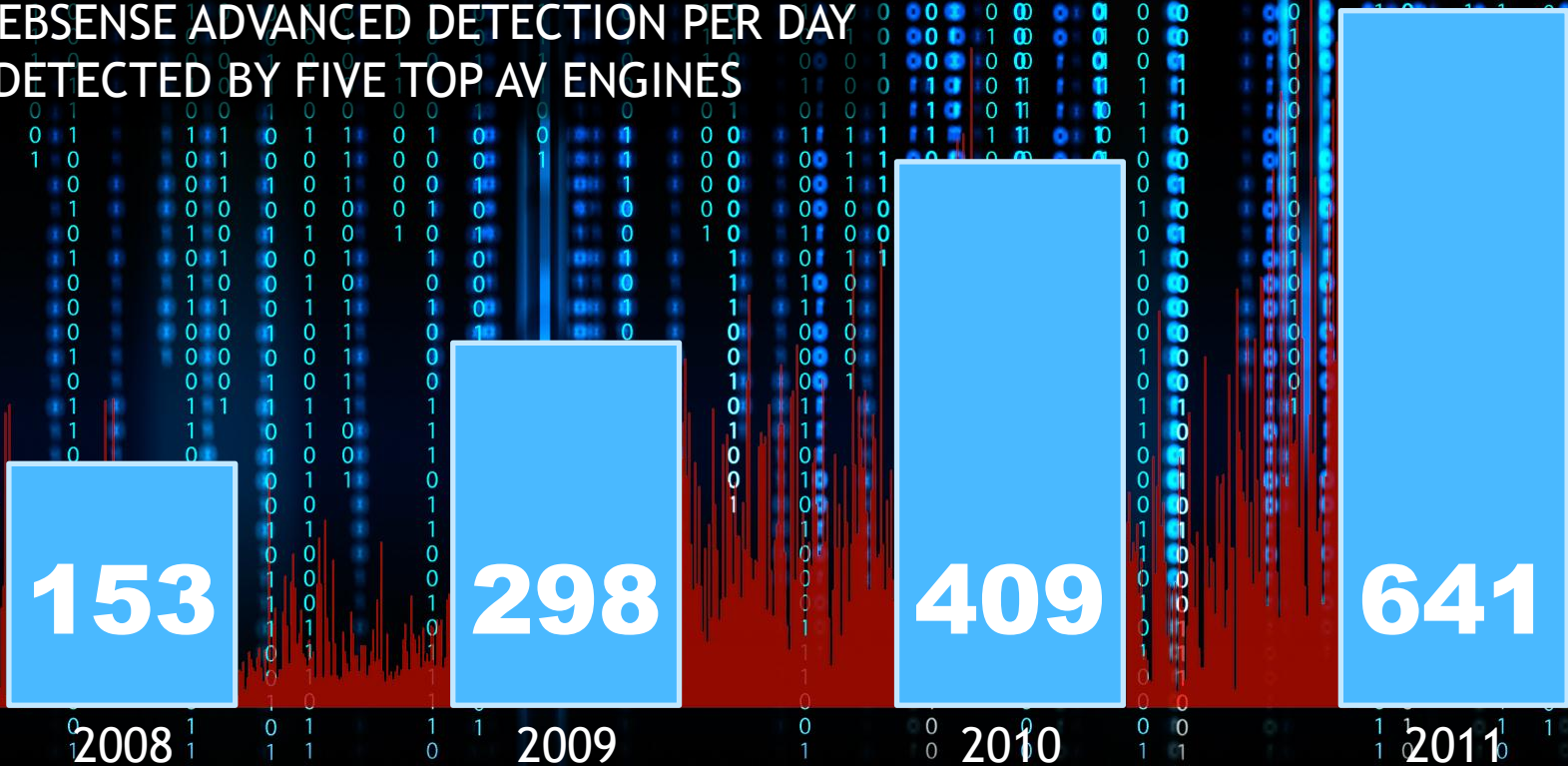
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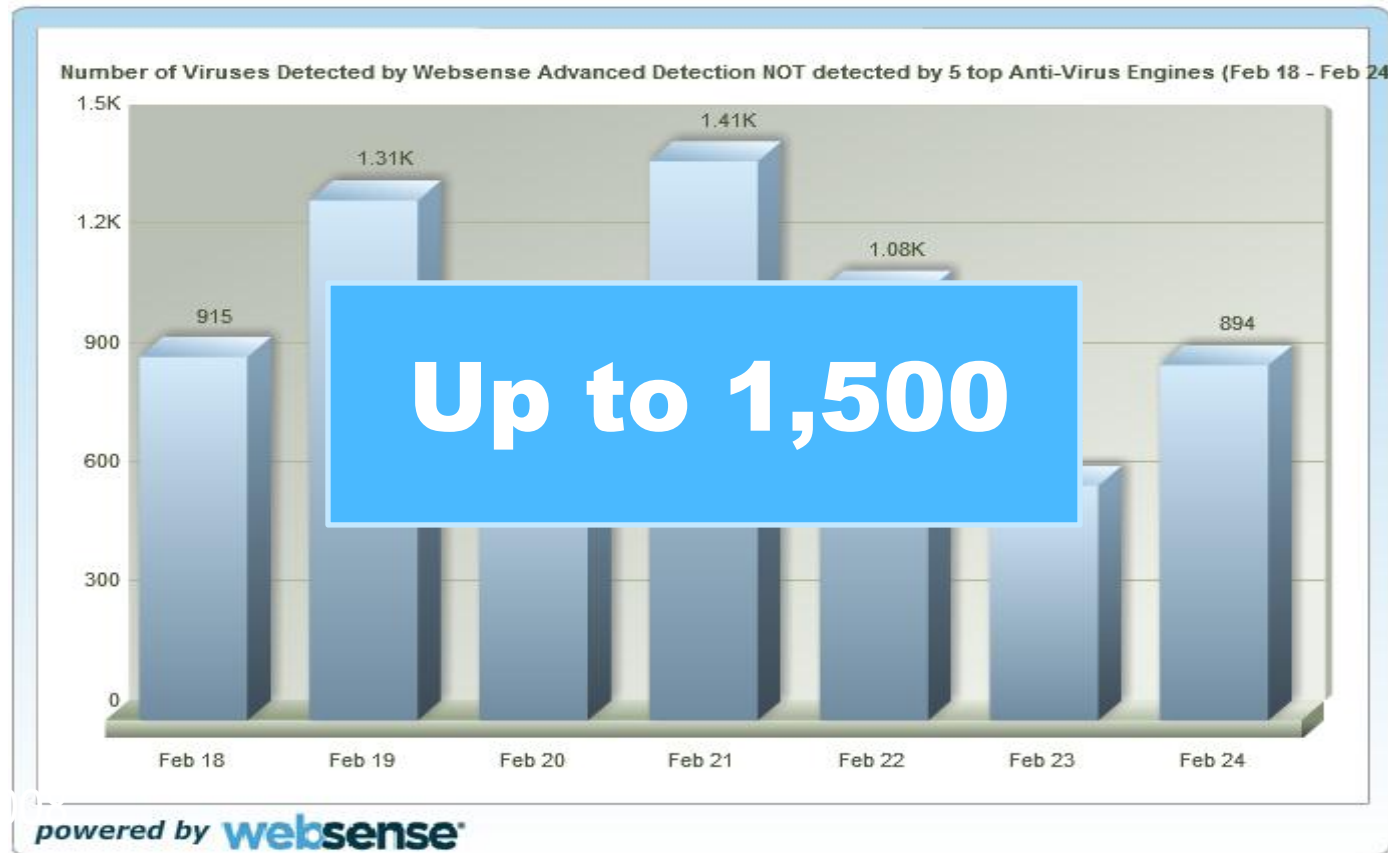
The decline of AV effectiveness

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NUMBER OF MALWARE THREATS DETECTED
BY WEBSense ADVANCED DETECTION PER DAY
NOT DETECTED BY FIVE TOP AV ENGINES



2013





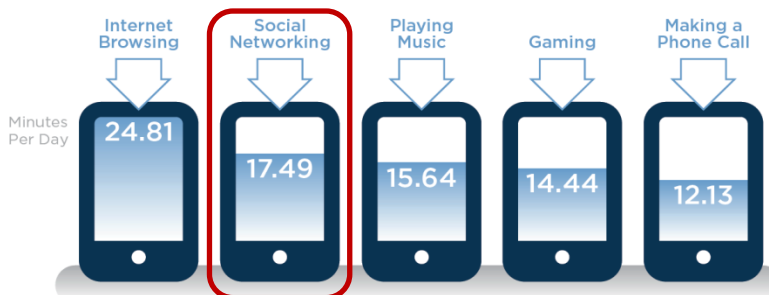
Compromised Legitimate Websites

(by Category)

1. Information Technology
2. Business and Economy
3. Sex
4. Travel
5. Shopping

**85% of Malicious URLs were found
on legitimate web hosts**

- Social Media:
#2 use of Smartphones
- Lost Device
- Malicious URLs
- Exploitable technologies
- App Stores



92%

of email spam
contains a web link



Spear-Phishing

The key to major data
theft attacks last year

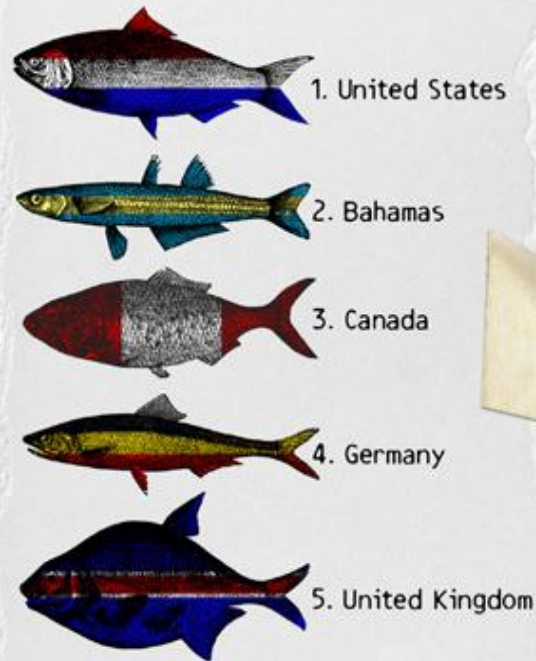


Defenses focused on high
volume known attacks
which are less effective

- Increasingly focused on Commercial and Government
- 69% sent on Mondays and Fridays
- More Targeted
 - Regionalized
 - Spearphishing on the rise



Top 5 Countries Hosting Phishing

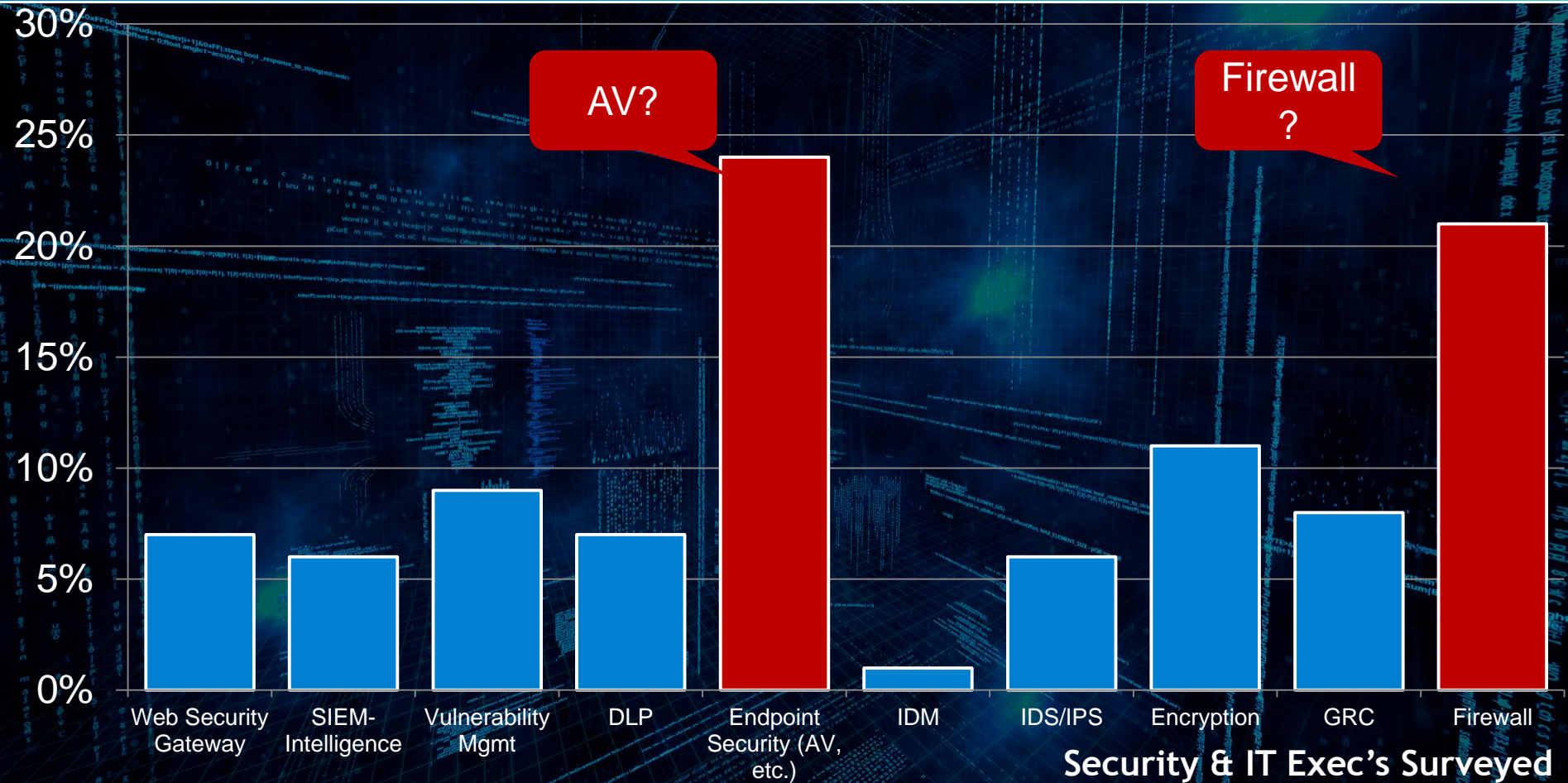


- Threats increased through all vectors
- Primary attack foundation was the Web
- Attacks grew more:
 - Aggressive
 - Dynamic
 - Multi-staged
 - Multi-vector
- Defenses must adapt:
 - Real-time point-of-click
 - Inbound and outbound activity
 - Content and Context Inspection



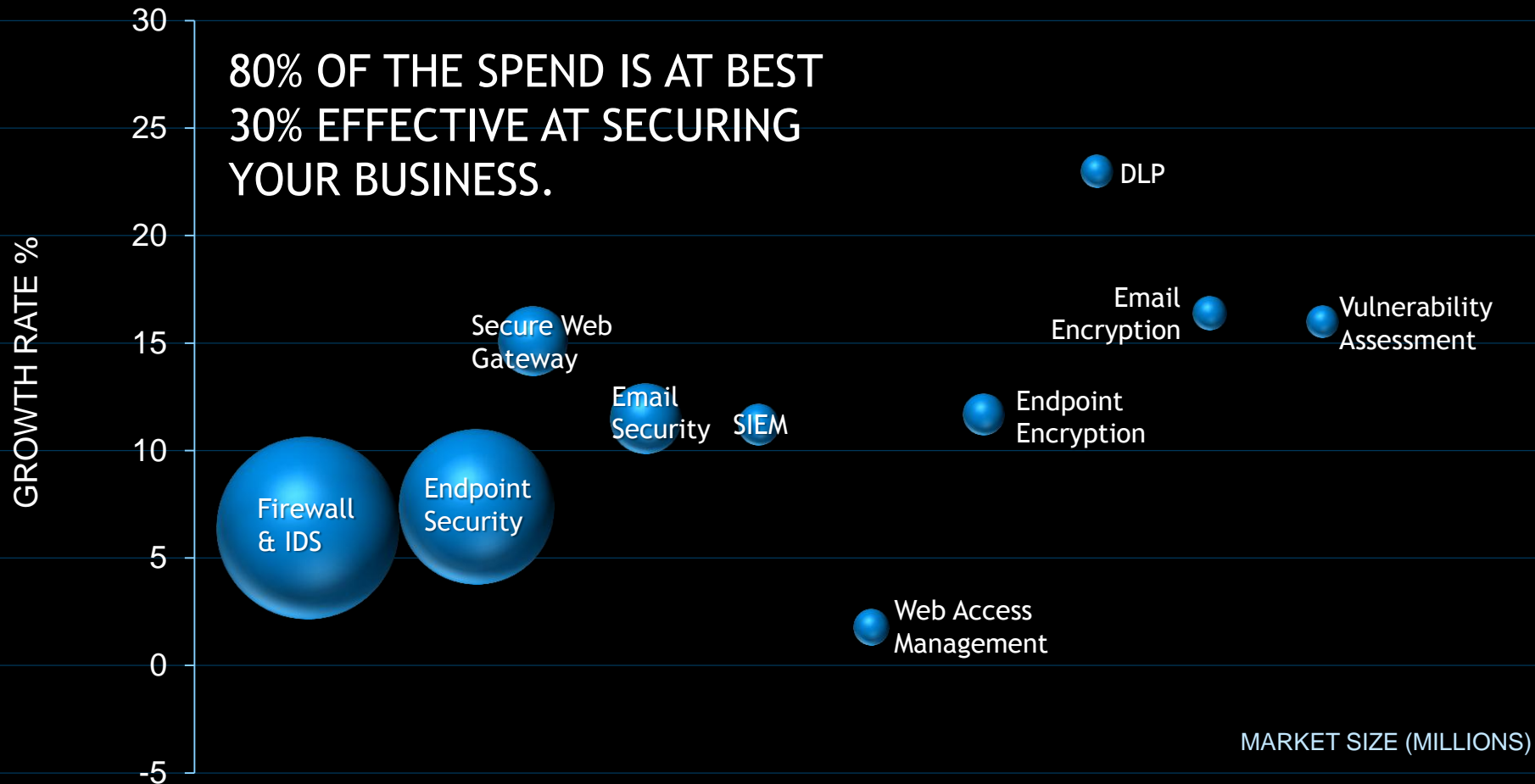
What is your best Security Solution ?

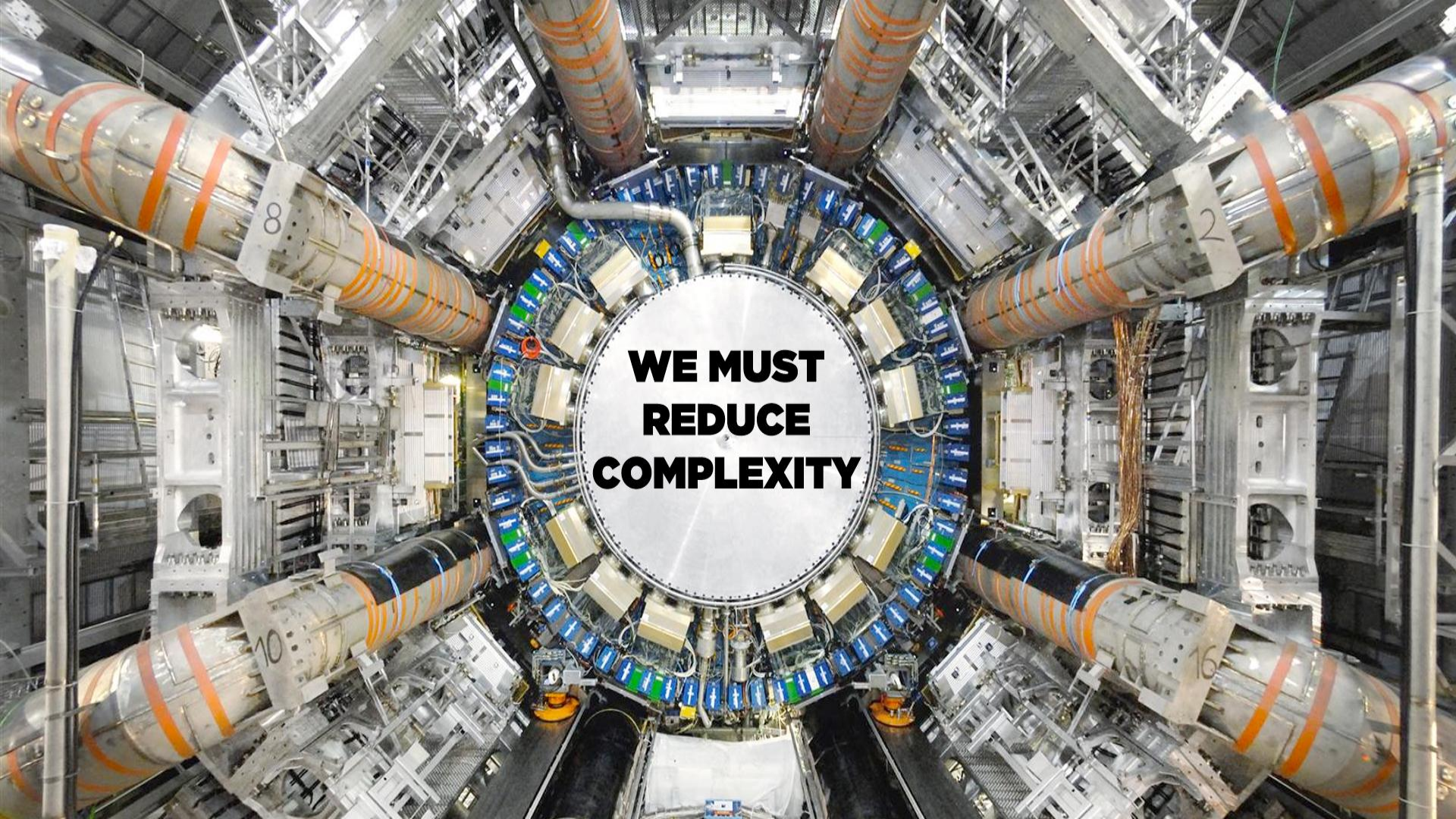
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Spend & Security Effectiveness Mismatch

80% OF THE SPEND IS AT BEST
30% EFFECTIVE AT SECURING
YOUR BUSINESS.



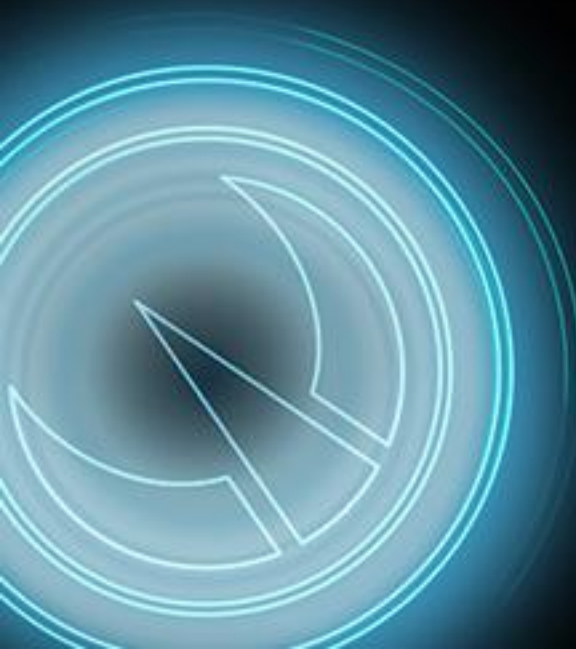


**WE MUST
REDUCE
COMPLEXITY**

Rising Total Cost of Ownership



Websense Differentiator



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Reduce Operation costs

Reduce Infrastructure costs

Improve Security



Unified Content Security

We are platform agnostic. We let customers decide what is best for their circumstances.

Software, virtualization,
appliance or cloud based



One Management



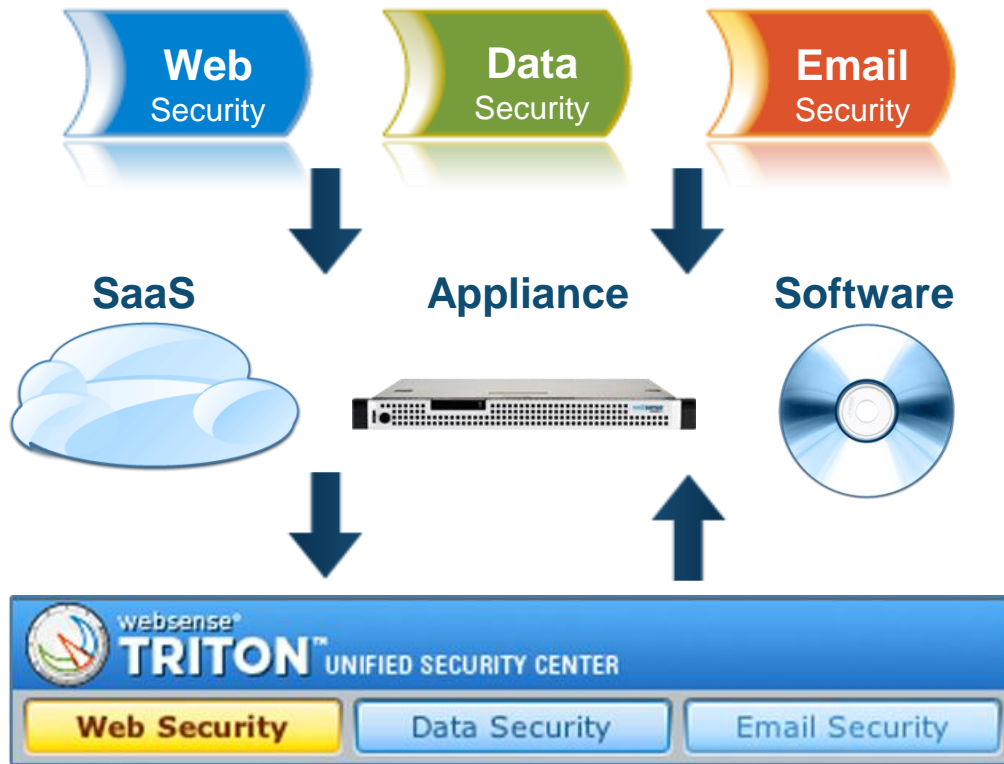
Websense SAAS



Unified Solution

Unified Platform

Unified Management



Traditional Technologies

- AV
- URL Filter
- DLP for Structured Data
- On Premise / SaaS solutions
- Signature Base technologies

Websense Solutions

- Real Time Security Scanning
- Real Time Content Categorization
- DLP **also** for Unstructured Data
- **Also** Hybrid Solution option
- **Also** Behavior analysis

Websense TRITON
Protect You and your Data
Always, Wherever you are
At the Lowest
Total Cost of Ownership



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THANK YOU

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