Advanced Secure Gateway

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#thinkyouknowsymantec

Agenda

1. The Opportunity
2. The Solution
3. Why Symantec
4. Your Opportunity

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The Opportunity

NETFLIX

YouTube servicenow

FUNNY OR DIE CNN PORN.COM

Office 365 salesforce amazon web services

ORACLE IDentity Theft

In *Network Operations,*

PROXY

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policy a ernance

requirements for

Security Operations

and for Info Risk / Compliance

NETFLIX

YouTube

servicenow

FUNNY OR DIE

CNN

PORN.COM

Office 365

salesforce

amazon web services

ORACLE

IDentity Theft

What is a Secure Web Gateway ?

Gartner´s market definition:

Secure web gateways (SWGs) utilize **URL filtering, advanced threat defense, legacy malware protection and application control technologies** to **defend users from internet-borne threats**, and to help enterprises **enforce internet policy compliance**.

SWGs are implemented as **on-premises** appliances (hardware and virtual) or **cloud-based services**, or in **hybrid mode** (combined on-premises appliances and cloud-based services).

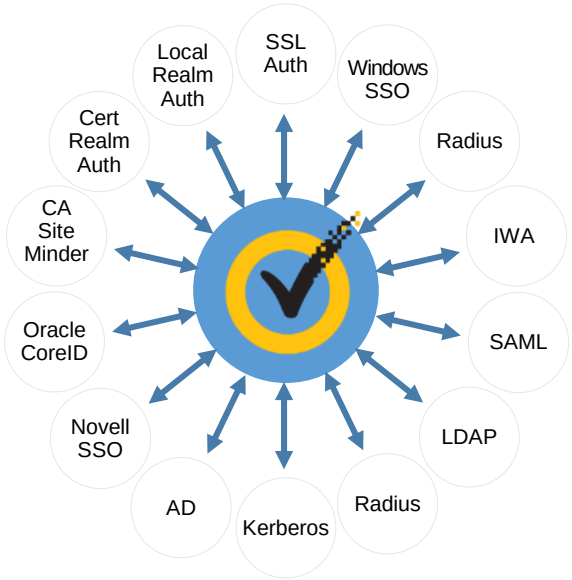
Proxy All Endpoints

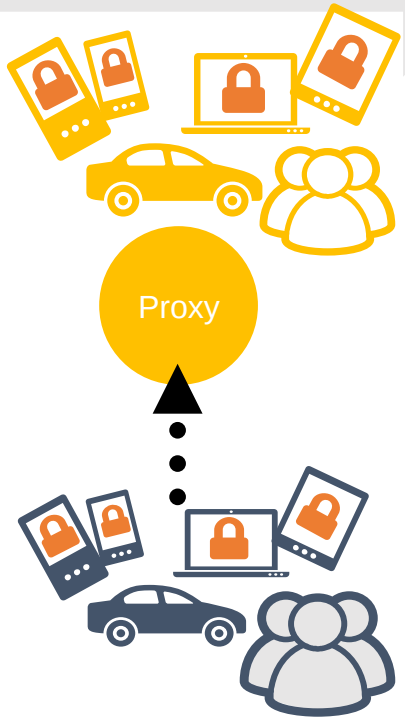
1 Authenticate Users
Integrate identity management

2 Terminate & Emulate
Secure all endpoint types

3 Decrypt Selectively
Privacy compliance

4 Extract Content
Enable ATP, DLP, forensics



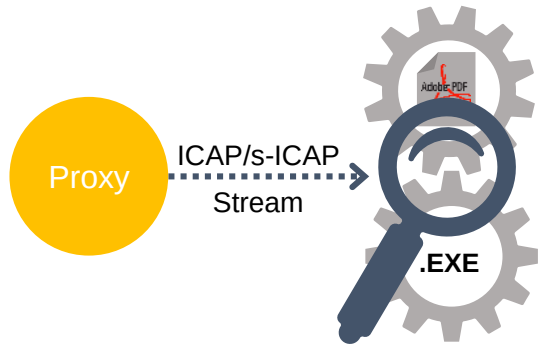


Bypass

Low Risk
Healthcare
Sanctioned

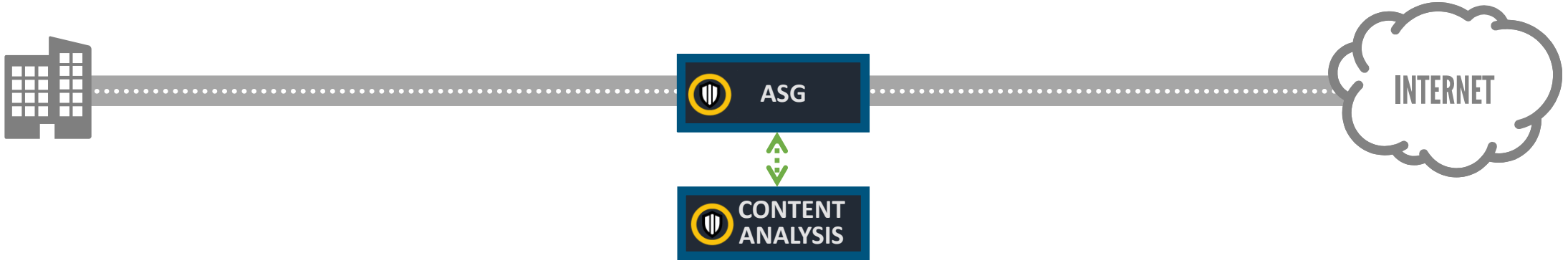
Decrypt

High Risk
Suspicious
Unsanctioned



The Solution

Prevent Threats & Orchestrate Content



Advanced Secure Gateway (ASG)

Authentication, Enforce, & Log
See and Control Shadow IT
Block Web Threats & ATP C&C

Unify Access Governance

Decrypt SSL, extract documents
ICAP documents
Prevent delivery based on verdict
Stream decrypted data to forensics

Extract & Orchestrate Files

Inspect Files to Prevent Malware & Advanced Threats

Whitelist/blacklist
Dual A/V Signatures
Static Code Analysis
Filtering Sandbox Broker

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ASG

Proxy + Advanced Content Analysis

High Performance Hardware

ASG-S200

ASG-S400

ASG-S500

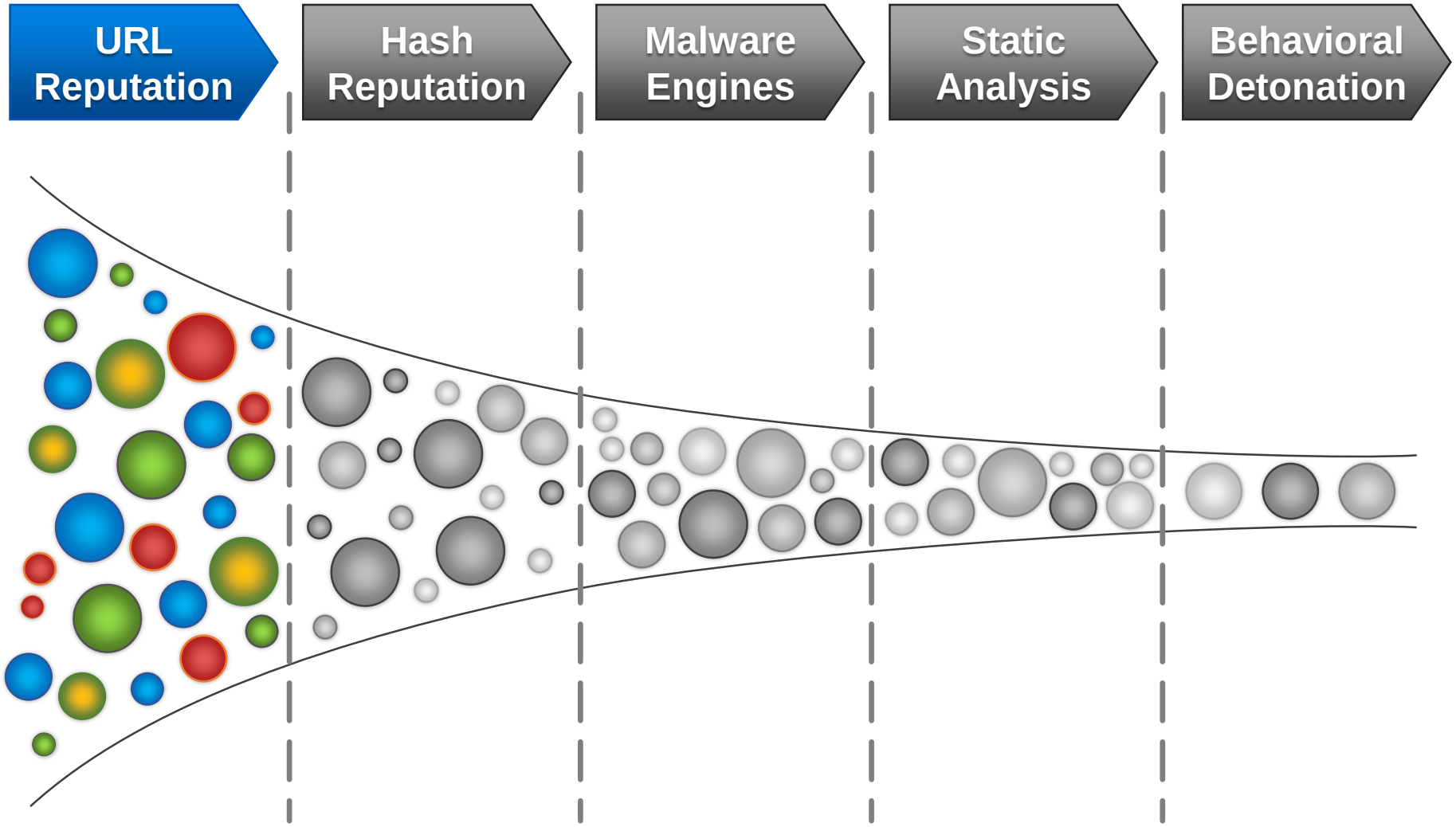
Complete ProxySG and CAS functionality in a single appliance

Why Symantec?

"Remains the strongest proxy in the market in terms of breadth of protocols and the number of advanced features."

"Centralizes the management of multiple products from one console…ProxySG, ASG, the cloud-based Web Security Service (WSS) and the new integrated Content and Malware Analysis Appliance."

- Gartner 2017 SWG Magic Quadrant



- URL Category
- URL Risk Score

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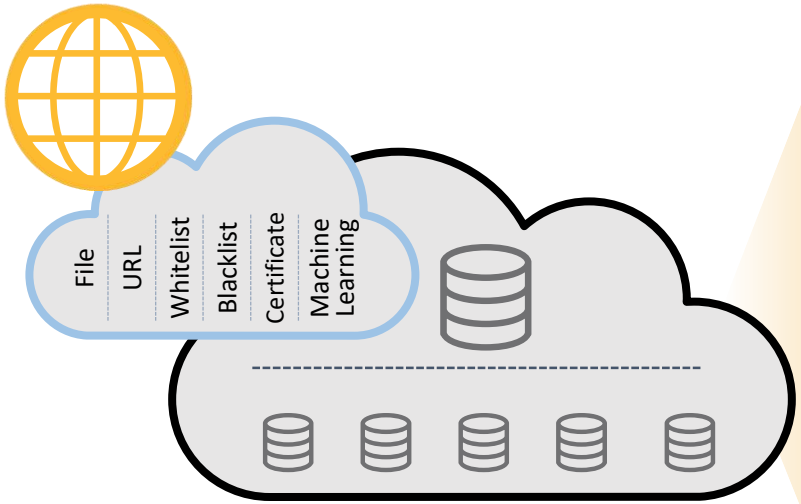
Working Together to Secure the Cloud Generation

EXCLUSIVE NETWORKS

Global Threat Intelligence Network



Discovered **430 million** new unique pieces of malware last year

1B malicious emails stopped last year

100M social engineering scams blocked last year

18,000+ Cloud applications discovered and protected

182M web attacks blocked last year

CLOUD GLOBAL INTELLIGENCE SOURCED FROM:

1 Billion previously unseen web requests scanned daily

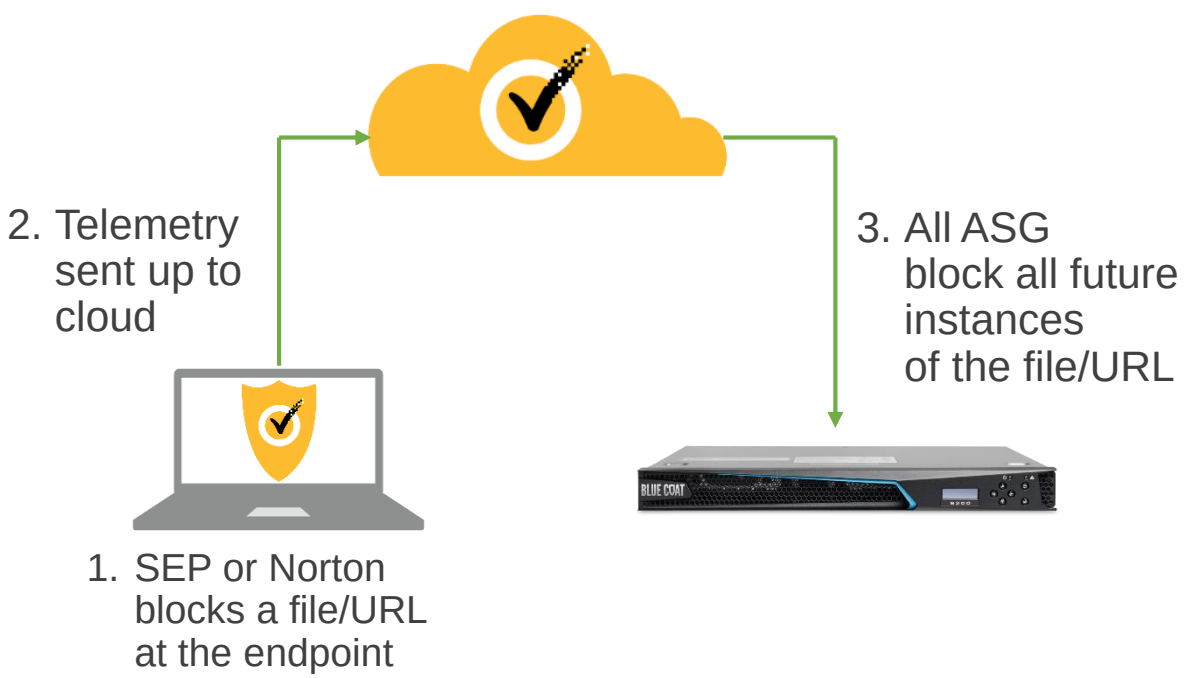
2 Billion emails scanned per day

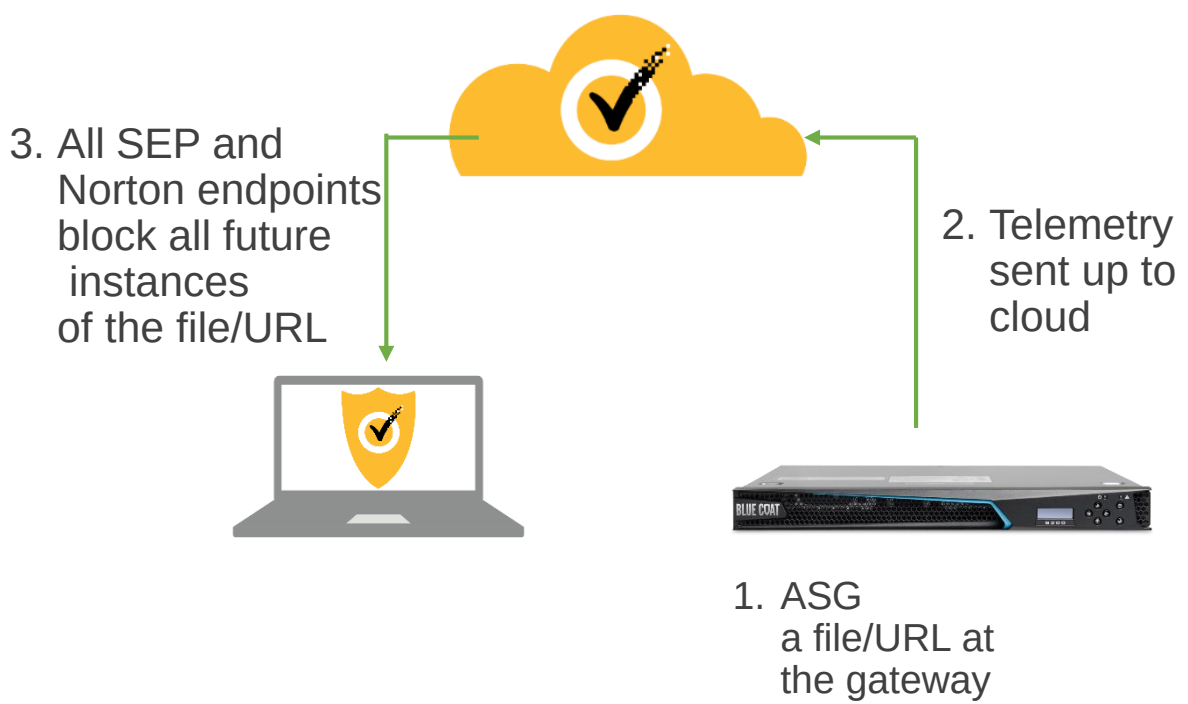
175M Consumer and Enterprise endpoints protected

9 global threat response centers with **3,000** Researchers and Engineers

Combined Intelligence Strengthens ASG & Endpoint Protection

Example Scenarios





Over 500,000 additional threats blocked per day

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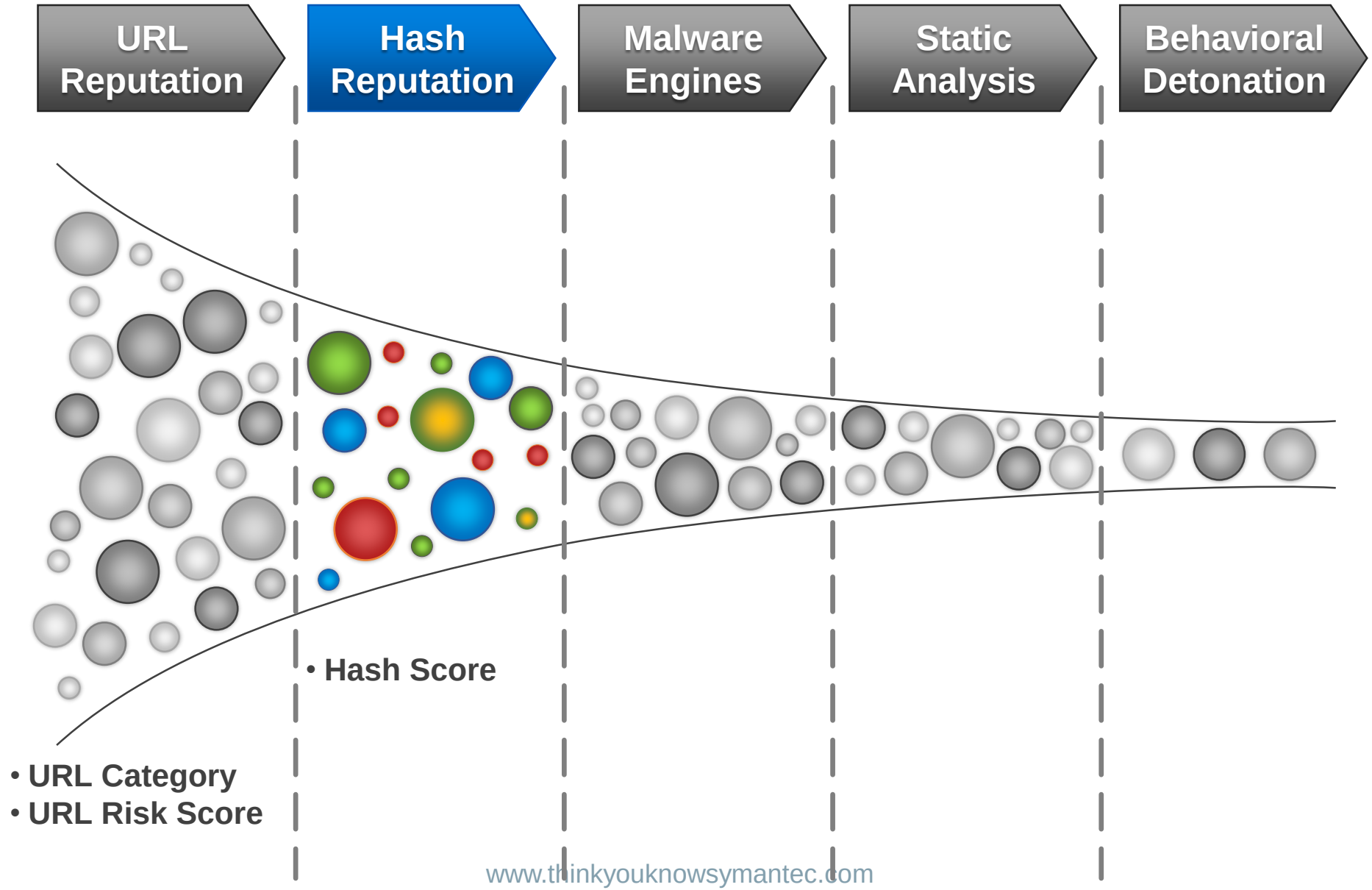
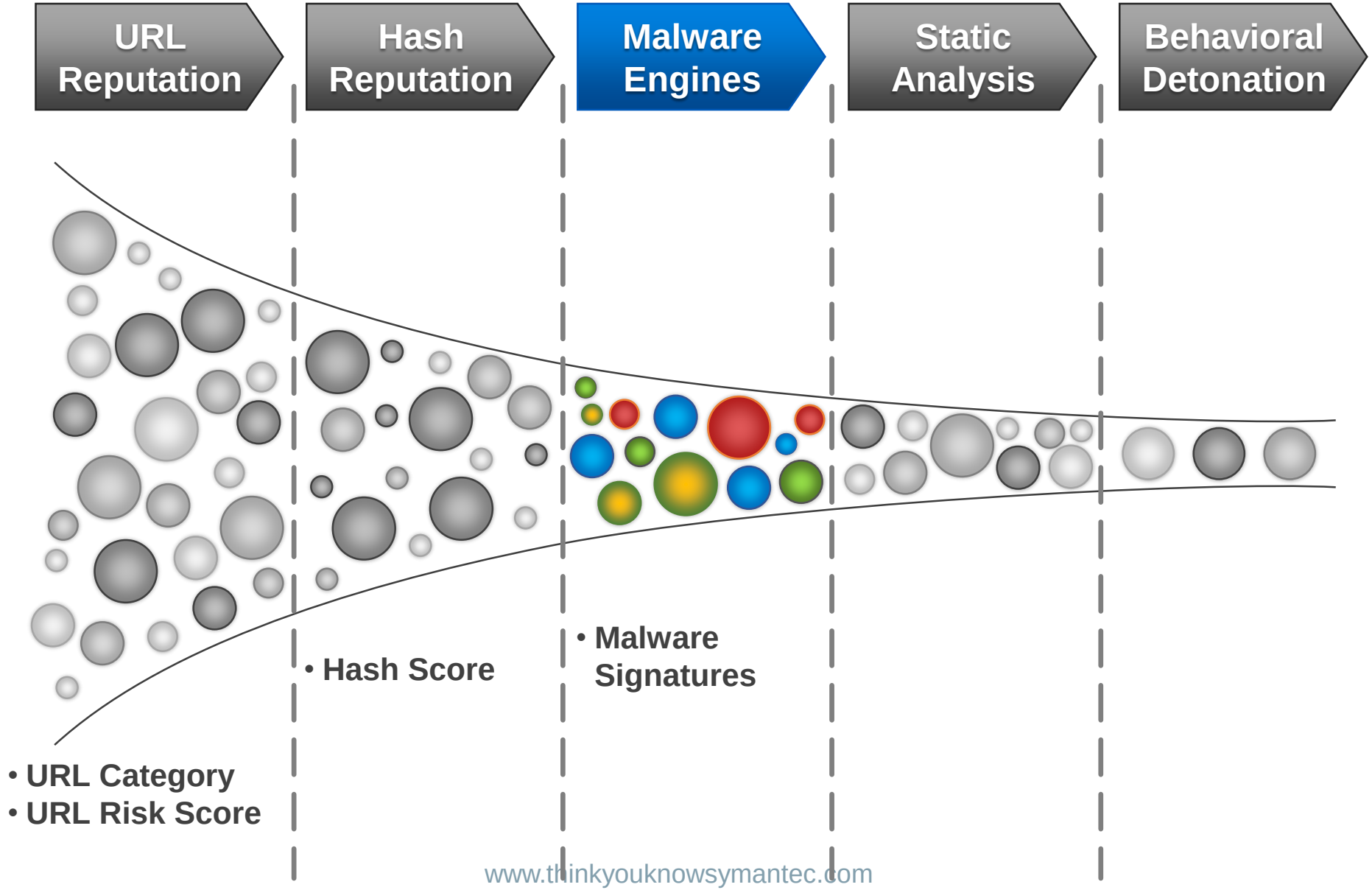
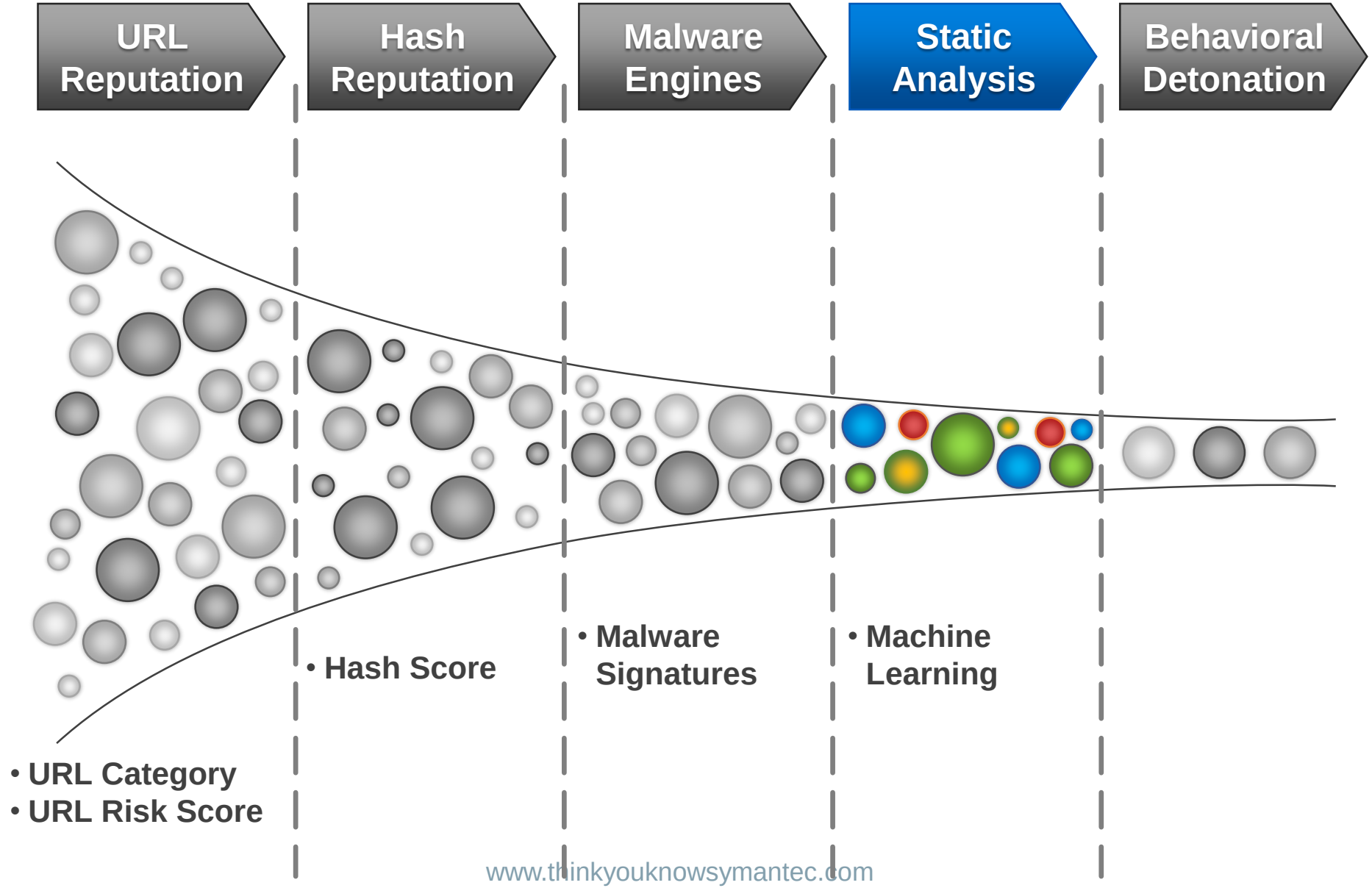
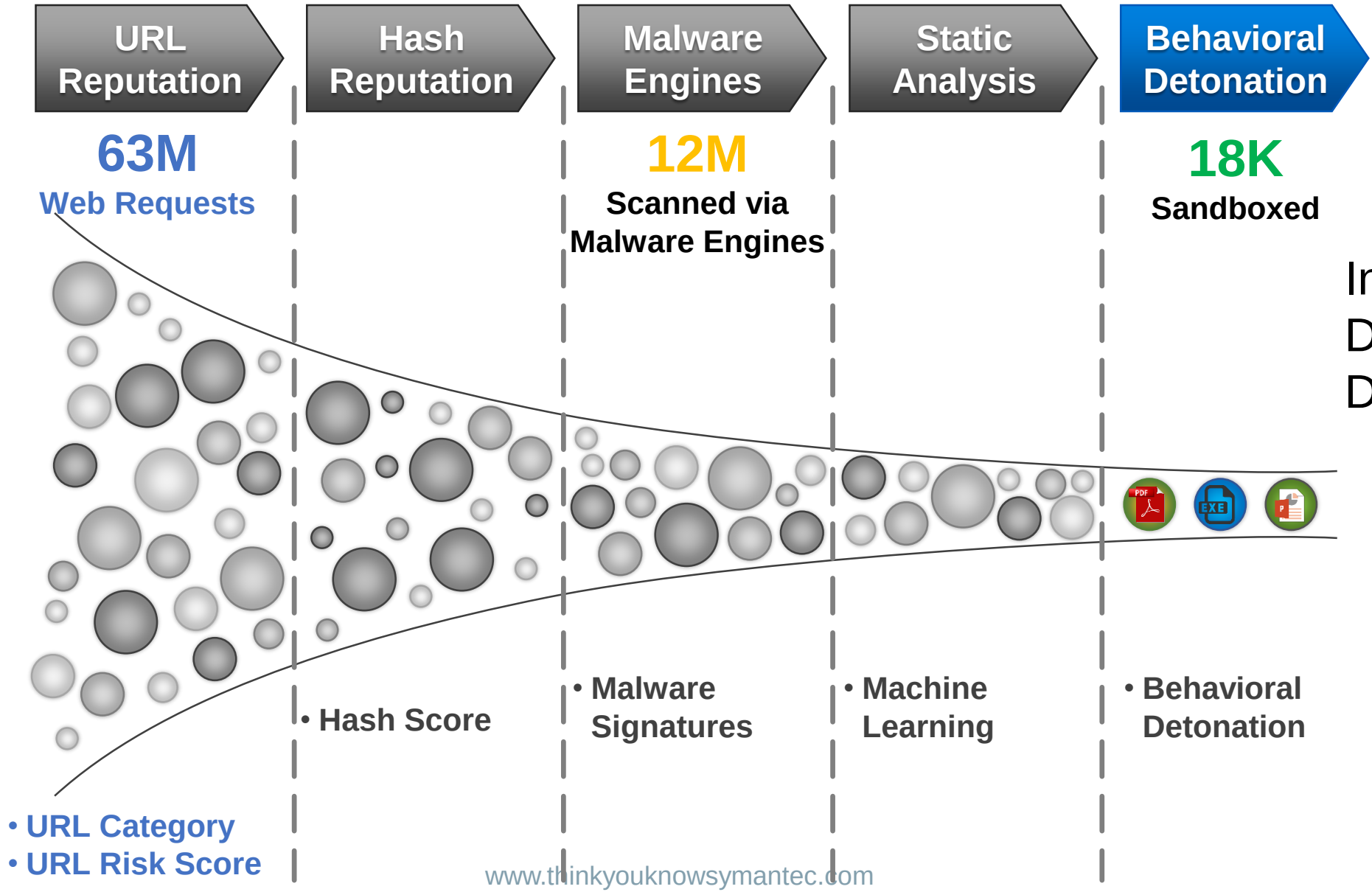

URL Reputation
Hash Reputation
Malware Engines
Static Analysis
Behavioral Detonation
• Hash Score
• URL Category
• URL Risk Score


URL Reputation
Hash Reputation
Malware Engines
Static Analysis
Behavioral Detonation
• URL Category
• URL Risk Score
• Hash Score
• Malware Signatures


URL Reputation
Hash Reputation
Malware Engines
Static Analysis
Behavioral Detonation
• URL Category
• URL Risk Score
• Hash Score
• Malware Signatures
• Machine Learning



Intelligent Defense In Depth

Your Opportunity

When/where do you sell Advanced Secure Gateway?

- Large Enterprise for regional data centers/branch offices
- Mid-Enterprise data centers
- Low user count/high bandwidth requirements
- Small Medium enterprise

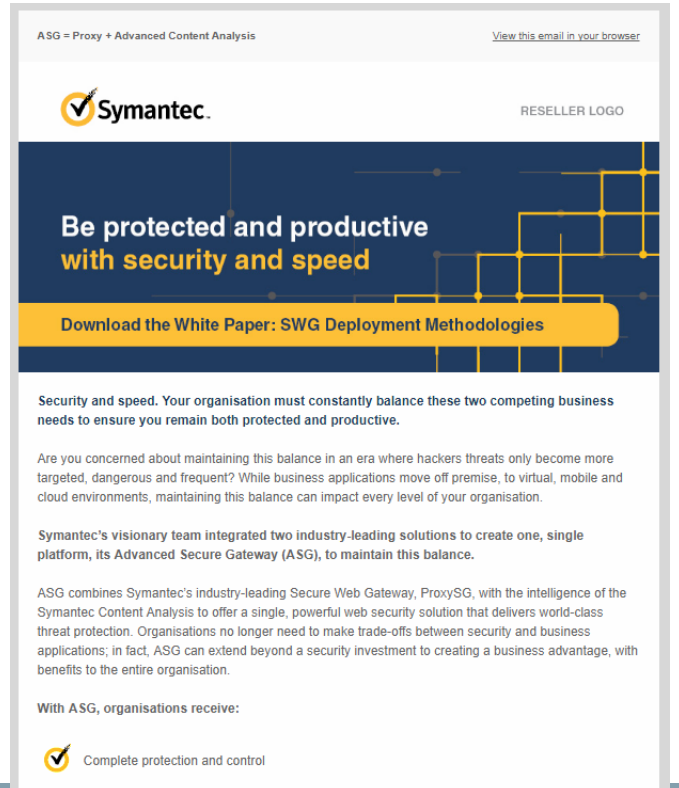
Benefits of the ASG platform

- Reduced Rack Space
- Reduced Power Consumption
- Single User Interface
  - Dashboard overview
- Lower entry cost
- Upgrade capable

ASG Campaigns-in-a-box

3 Email Series – Download from

http://info.exclusive-networks.co.uk/Think-You-Know-Symantec-Campaigns.html



ASG = Proxy + Advanced Content Analysis

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Be protected and productive
with security and speed

Download the White Paper: SWG Deployment Methodologies

Security and speed. Your organisation must constantly balance these two competing business needs to ensure you remain both protected and productive.

Are you concerned about maintaining this balance in an era where hackers threats only become more targeted, dangerous and frequent? While business applications move off premise, to virtual, mobile and cloud environments, maintaining this balance can impact every level of your organisation.

Symantec's visionary team integrated two industry-leading solutions to create one, single platform, its Advanced Secure Gateway (ASG), to maintain this balance.

ASG combines Symantec's industry-leading Secure Web Gateway, ProxySG, with the intelligence of the Symantec Content Analysis to offer a single, powerful web security solution that delivers world-class threat protection. Organisations no longer need to make trade-offs between security and business applications; in fact, ASG can extend beyond a security investment to creating a business advantage, with benefits to the entire organisation.

With ASG, organisations receive:

- Complete protection and control

ASG = Proxy + Advanced Content Analysis

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RESELLER LOGO

10 Advantages
of Proxy Deployment

Download the Brief Here

Implementing Symantec's Advanced Secure Gateway (ASG) provides both security and network performance advantages. ASG, an integrated solution combining ProxySG and Content Analysis System functionality in a single solution, works across on-premise, mobile and cloud applications. This ensures that your secure gateway includes a web proxy, which in turn, makes your entire organisation safer and more secure.

Benefits include:

SECURITY ADVANTAGES

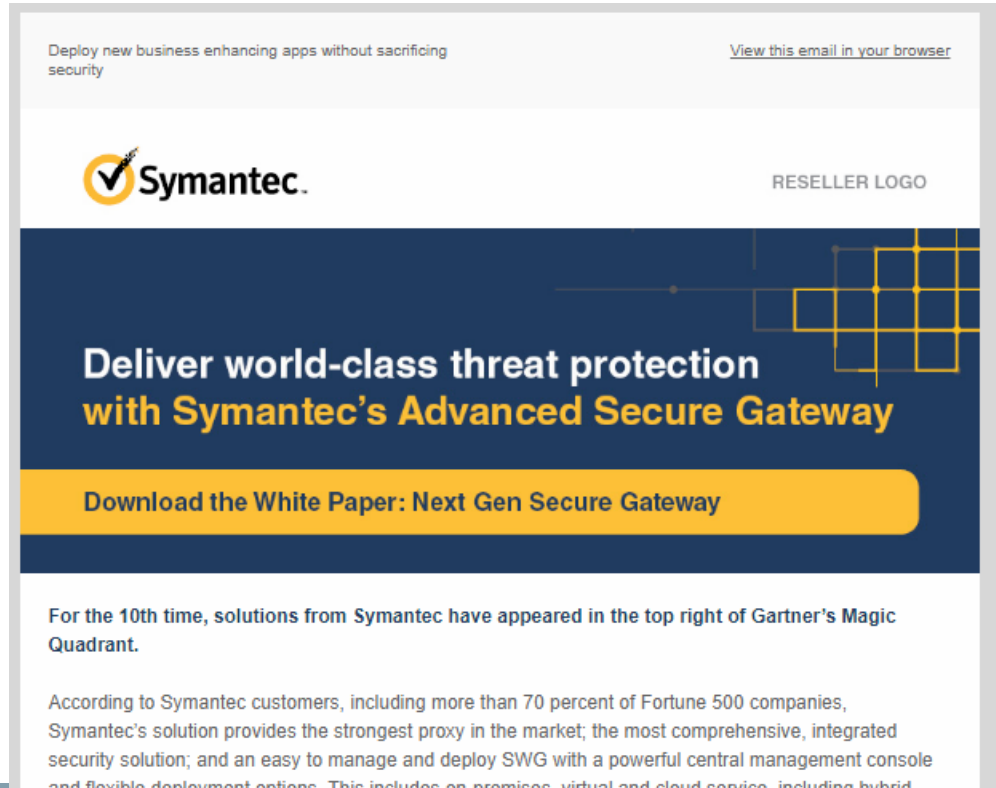
- policy compliance
- certificate status verification,
- application controls
- logging, malware scanning
- data loss prevention
- reverse proxy security for hybrid deployments

NETWORK PERFORMANCE ADVANTAGES

- lower firewall management costs
- lower service disruption
- risk
- content caching
- IP address management
- connection optimization

Want a closer look at why Proxy-based secure web gateway architecture is uniquely effective in defending against web based threats? Download Symantec's Top 10 Advantages of Proxy Deployment

Download the Brief: Top 10 Advantages of Proxy Deployment



Deploy new business enhancing apps without sacrificing security

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RESELLER LOGO

Deliver world-class threat protection
with Symantec's Advanced Secure Gateway

Download the White Paper: Next Gen Secure Gateway

For the 10th time, solutions from Symantec have appeared in the top right of Gartner's Magic Quadrant.

According to Symantec customers, including more than 70 percent of Fortune 500 companies, Symantec's solution provides the strongest proxy in the market; the most comprehensive, integrated security solution; and an easy to manage and deploy SWG with a powerful central management console

Advanced Secure Gateway

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