

Detect, Prevent and Remediate the Cyber attack

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Overview of the Local Security Landscape

IP camera footages broadcasted live online

In September, 2014, more than 1,000 IP cameras in Hong Kong were found vulnerable with private footages easily accessible online

iCloud attack

 In October, 2014, Apple acknowledged a widespread man-in-the-middle attack targeting iCloud, which threatened user privacy

Former security chief fell victim to phishing scam

 Former security chief Regina Ip's email account was hacked after she opened an email. About HK\$500,000 was transferred out of her bank account

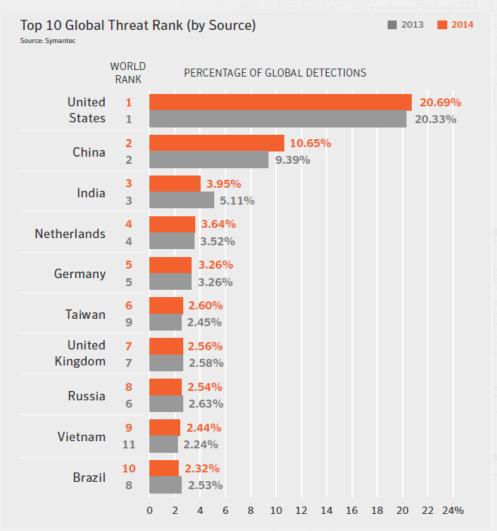




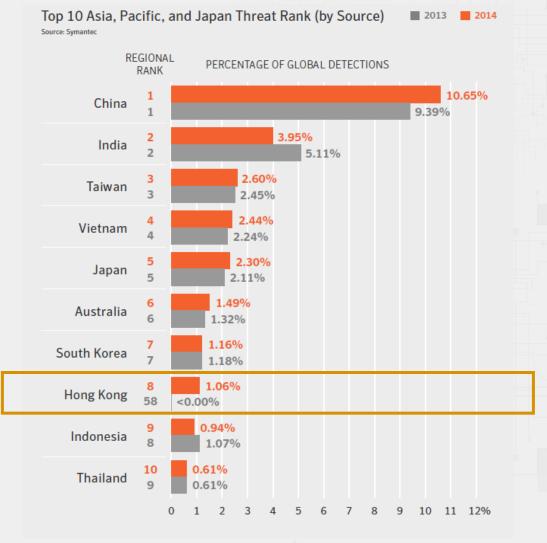




Top 10 of Global Threat Rank

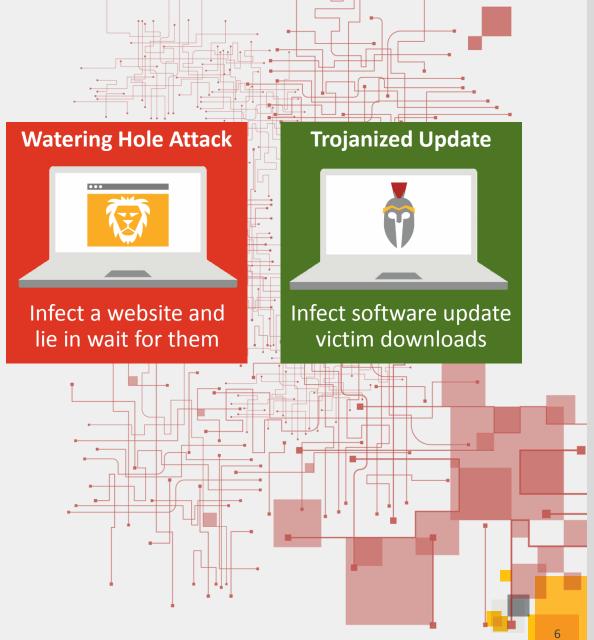


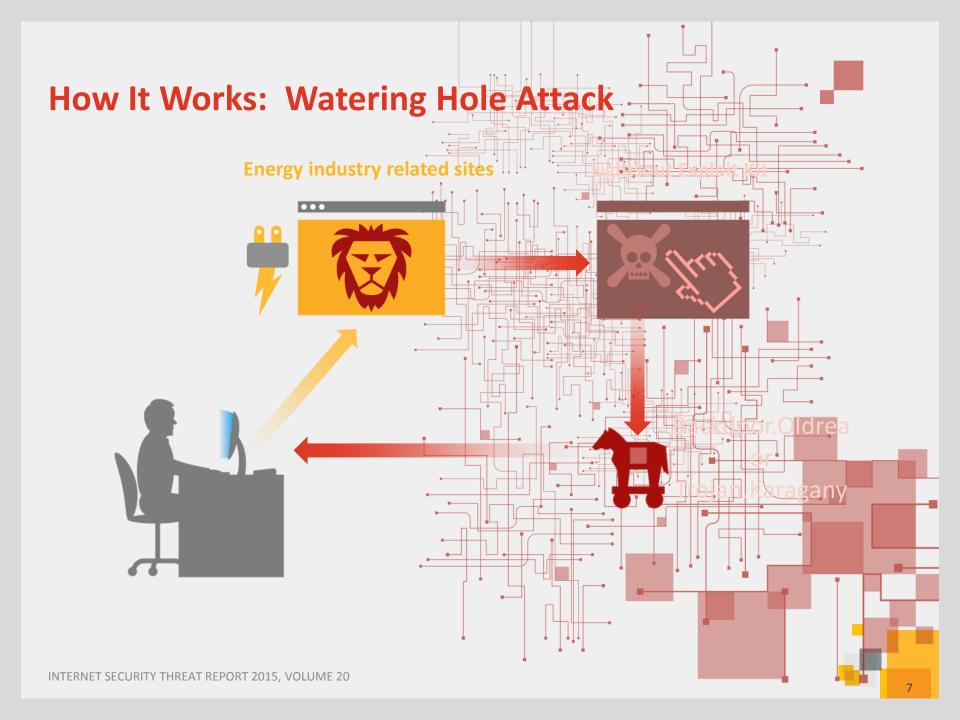
Top 10 Asia, Pacific, and Japan Threat Rank

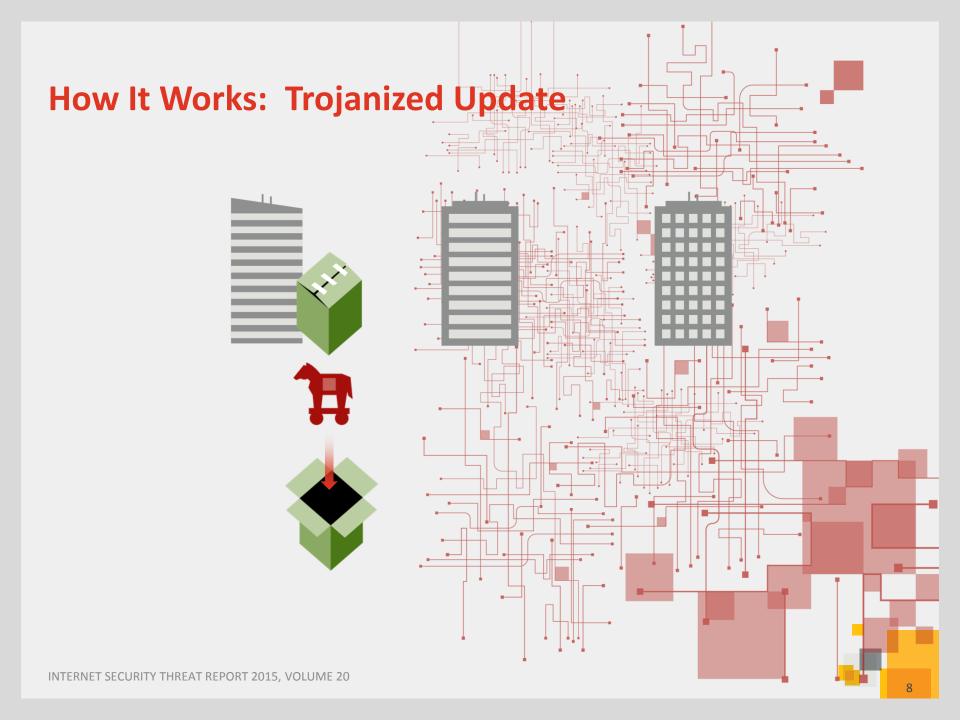


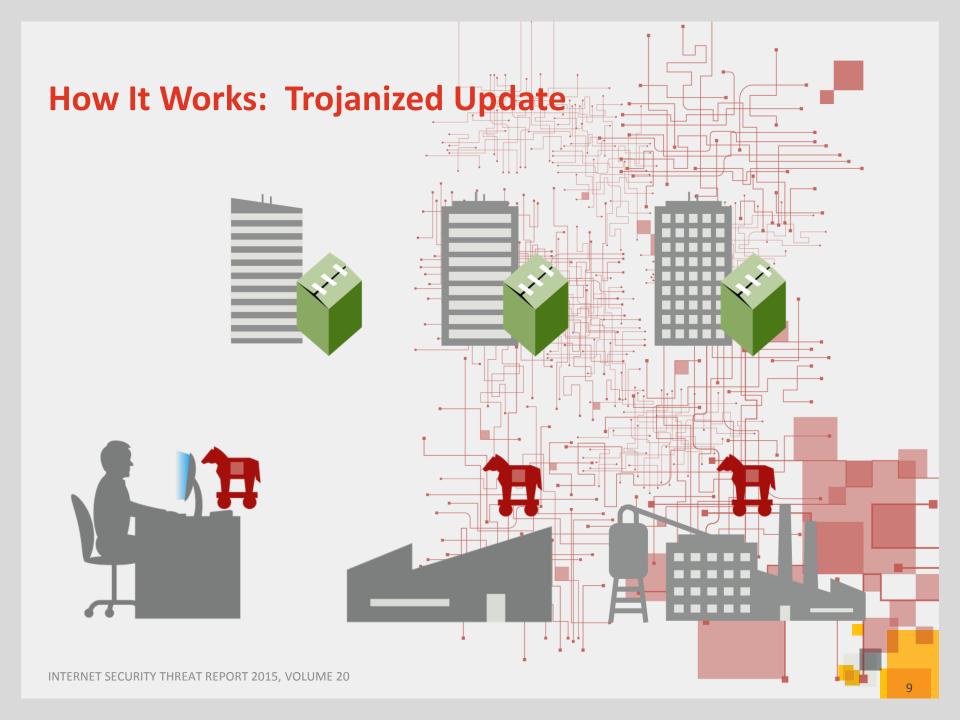
Attack Methods



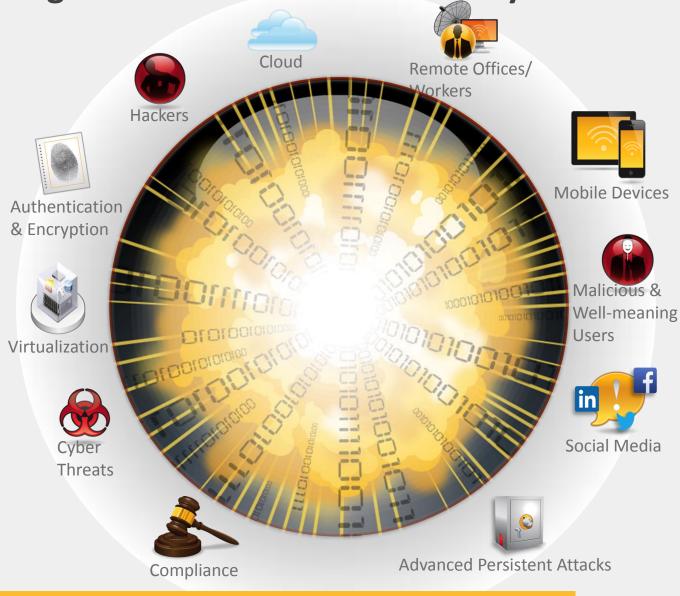








Expanding Boundaries Create Risk Everywhere



Technology Practices - Creating the Path of Unified Security

Helping consumers and businesses transform the way they view security as an enabler for their businesses.



Threat Protection

A holistic view via a 'customer hub' of threat information, which in turn forms part of our Global Intelligence Network (GIN).

- Endpoints: SEP, CSP, Suites, Mobility
- Gateways/Networks: Threat Gateway, Web Gateway etc.
- Mail Systems: Groupware,
 Mail/ Messaging Protection



Information Protection

A complete cloud security suite that provides protection for customer and enterprise information travelling in and out of an organization

- Identity: SAM, VIP, MPKI
- Data protection: DLP, Key mgmt. and encryption
- Risk analytics: IRIS



Cyber Security

Services to facilitate & adopt our technologies

- Assessments: Consulting
- Monitoring: MSS
- Incident Response: MATI (Managed Advanced Threat Intelligence)
- Deepsight: Intelligence Datafeeds

Global Intelligent Network | UNIQUE VISIBILITY



175M endpoints



57M attack sensors in **157** countries



182M web attacks blocked last year



3.7T rows of telemetry

100 Billion



30% of world's enterprise email traffic scanned/day

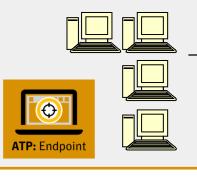
1.8 Billion web requests



threat response centers

500+ rapid security response team

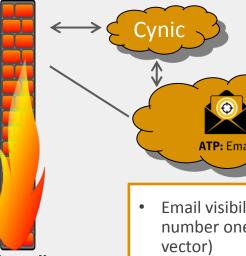
Core Protection by 3 Control Points



- Endpoint visibility (the foothold in most targeted attacks)
- Endpoint context, suspicious events, & remediation
- Requires SEP no new agent - and deployed as a virtual appliance



- Network visibility into all devices & all protocols
- Automated sandboxing, web exploits, command & control
- Deployed off a TAP or inline as virtual or physical appliance



- Email visibility (still the number one incursion
- Email trends, targeted attack identification, sandboxing
- Cloud-based easy add on to Email Security.cloud

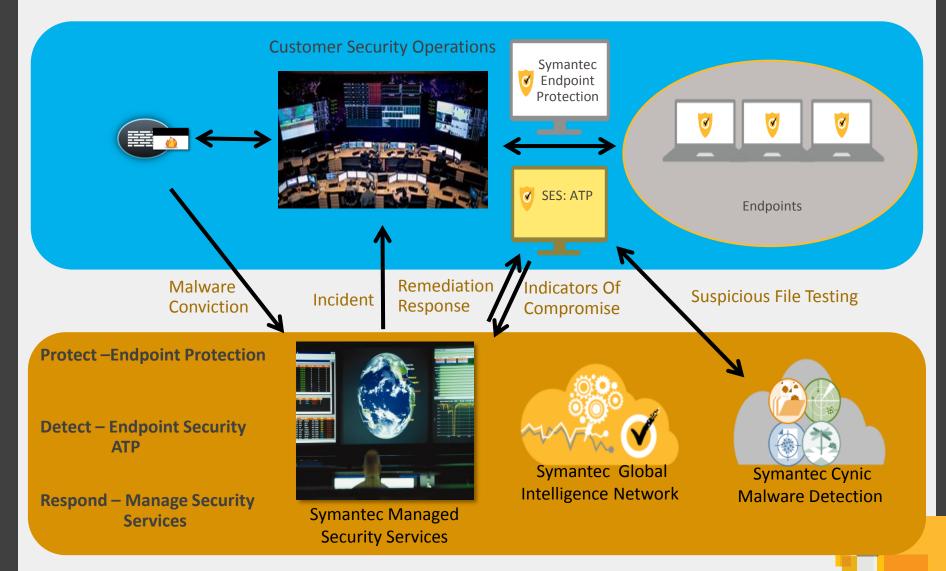


How can Customer Achieve These Outcomes?

- Improved Security Posture
 - Integrated Combine Latest Malware Detection with Endpoint IoC & Response
 - Defence In Depth Endpoint Detection is the Last chance to identify Malware
 - Containment Stop the spread, Prevent more breaches
 - Faster Response Reduce the Impact & Severity of a breach
- Reduced Operational Overhead
 - Single Agent Reduced Management Costs
 - Automation Event Monitoring, Breach Identification & Remediation
 - Containment Stop the spread, reduce the remediation effort
 - Automated Recovery Less work to recover, and back to work sooner
- Reduced Computational Overhead
 - Faster, Lighter & Smarter Endpoint Protection
 - Extend SoE refresh/Upgrade cycles



What does this look like?



DEEPSIGHT INTELLIGENCE



DEEPSIGHT INTELLIGENCE USE CASES

Apply the Global Threat Landscape to Your Environment

Attack Quarantine
System
Malware Protection
Gateways
Phishing Detections
Global Sensor
Network
3rd Party Affiliates

Online Operations
Social Media
Monitoring
Open Sourcing
Mining
Liaisons
Sharing Forums



Local Environment





1 EXTERNAL THREATS

DeepSight Datafeeds provide external threat data, not known to the security infrastructure, to SOC's/SIEM's for detection & prevention.

? REPUTATION DATAFEEDS

DeepSight Reputation Datafeeds provide an up-to-date list of "Command and Control" servers of botnets known to DeepSight. Allowing for the detection and the prevention of exfiltration of sensitive data.

2 CONTROL POINTS

SIEM is used to detect Network control points such as Firewalls and Gateways and used to prevent exfiltration using the DeepSight data.



DEEPSIGHT INTELLIGENCE USE CASES

Vulnerability Alerts

Use DeepSight Vulnerability alerts and datafeeds to help identify and prioritize vulnerabilities based on technologies relevant to you.







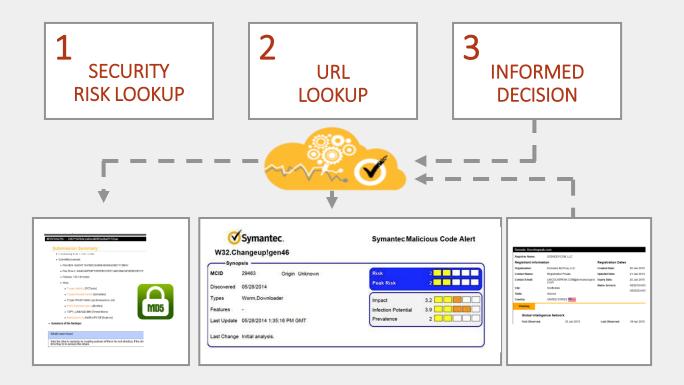




DEEPSIGHT INTELLIGENCE USE CASES

Incident Response Research





Security is Everyone's Responsibility



IDENTIFICATION

- Concentrate on the areas that present the biggest threat to any given role.
- Target risks with focused content specific to the user, their position, and to the organization's overall goal.



EDUCATION

- Each module incorporates techniques grounded in behavioral science to ensure maximum comprehension.
- Symantec's unique quizzing methodology ensures active listening and engagement.



Security Awareness Service

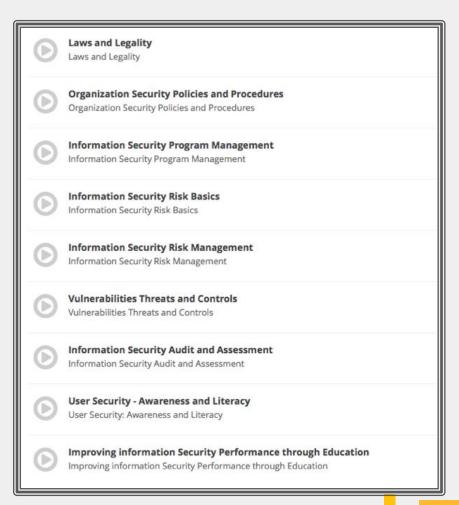
- Role-based training approach
- Meet compliance mandates
- Regular content refresh
- Unique quizzing methodology





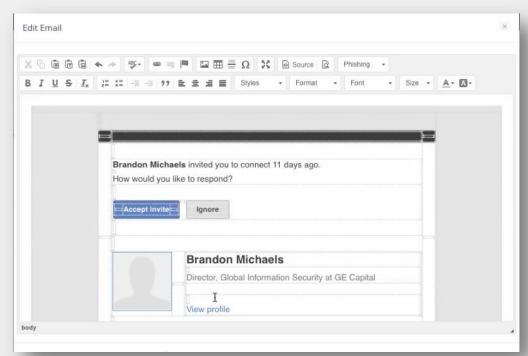
C-Level Executive Training Track

- Focused & specific
- Pair with general awareness modules
- Complete training program for each role



Phishing Readiness prepares your teams to think in a defensive manner

- Dedicated, private instances for each organization
- Send unlimited assessments
- Multiple assessment types
- Detailed reporting features
- Integrated user training



Benchmark and Improve Your Employees

Training

Security Awareness Service

Simulation

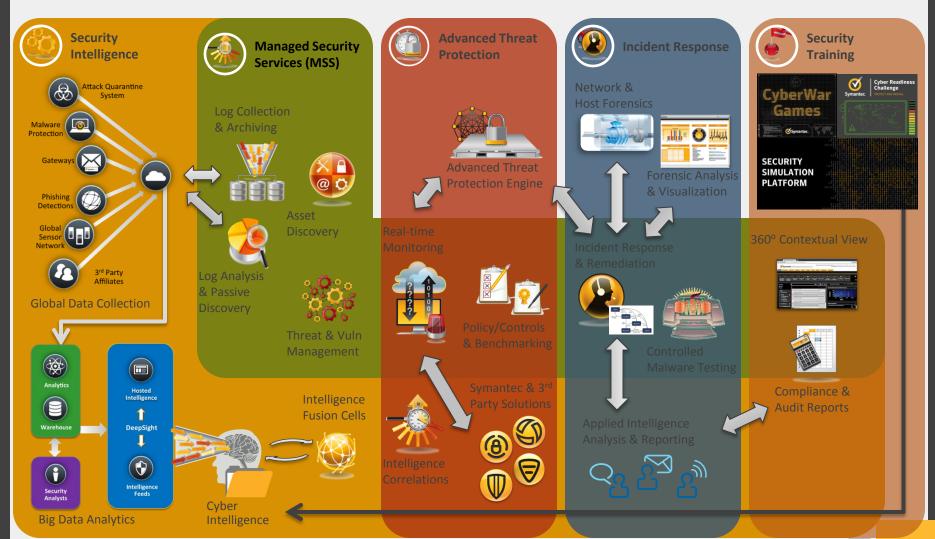
Phishing Readiness

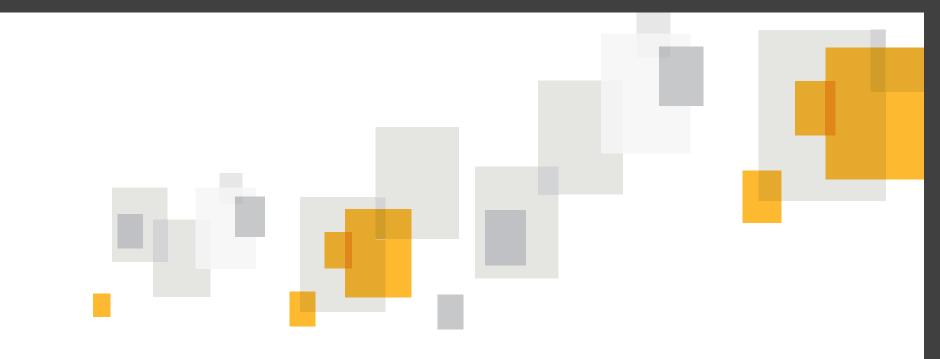
Performance Evaluation

- Security Awareness Service allows you to be sure that each employee assigned to it has viewed and understands the messaging provided
- Phishing Readiness gives you real, behavioral metrics to see how users would respond when presented with a phishing attack.



Cyber Security Integration Strategy





Q&A

