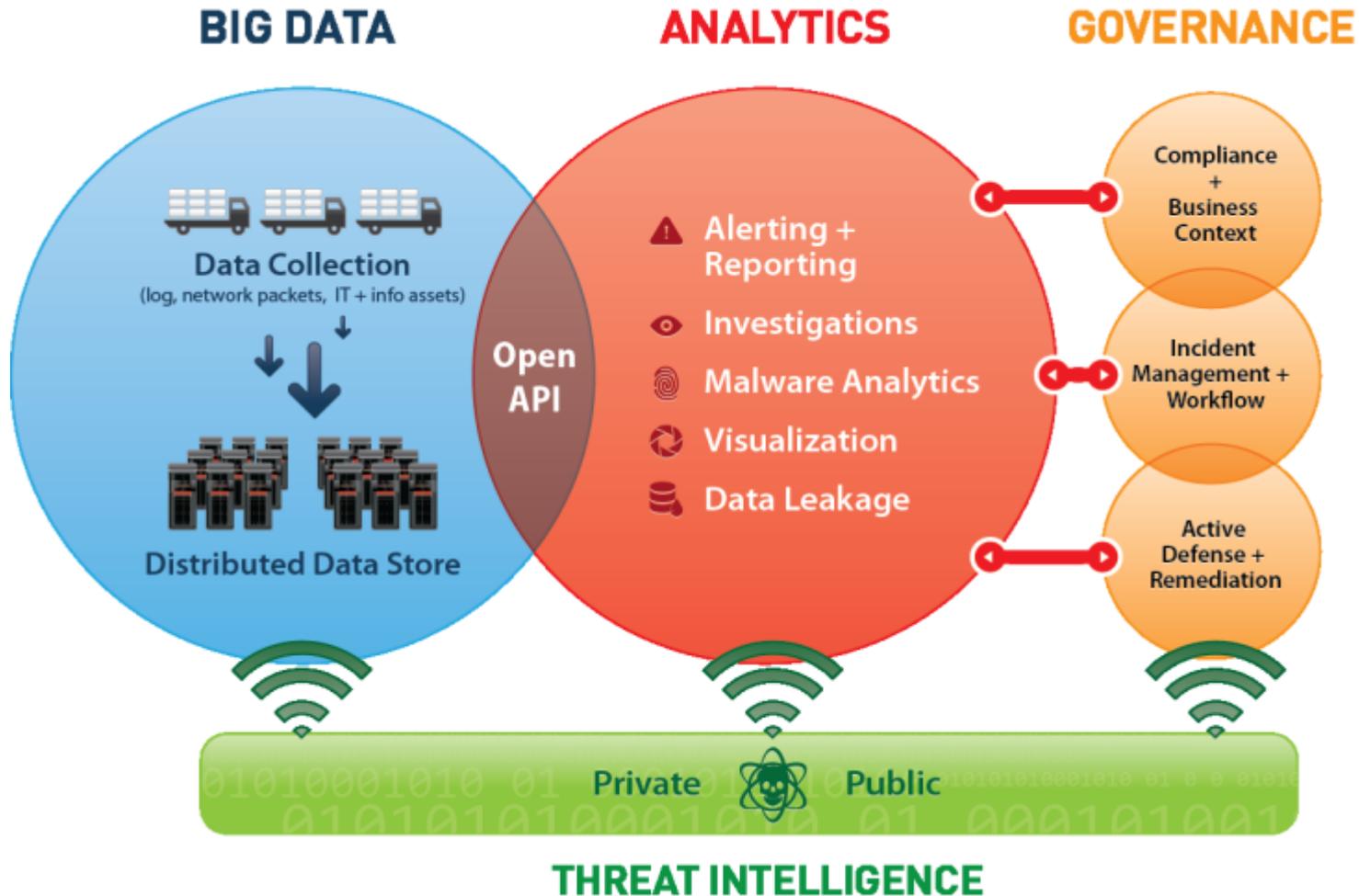




Bernard Montel
Directeur Technique RSA

RSA Security Management Compliance Vision

Delivering Visibility, Intelligence and Governance



Traditional Security Is Not Working



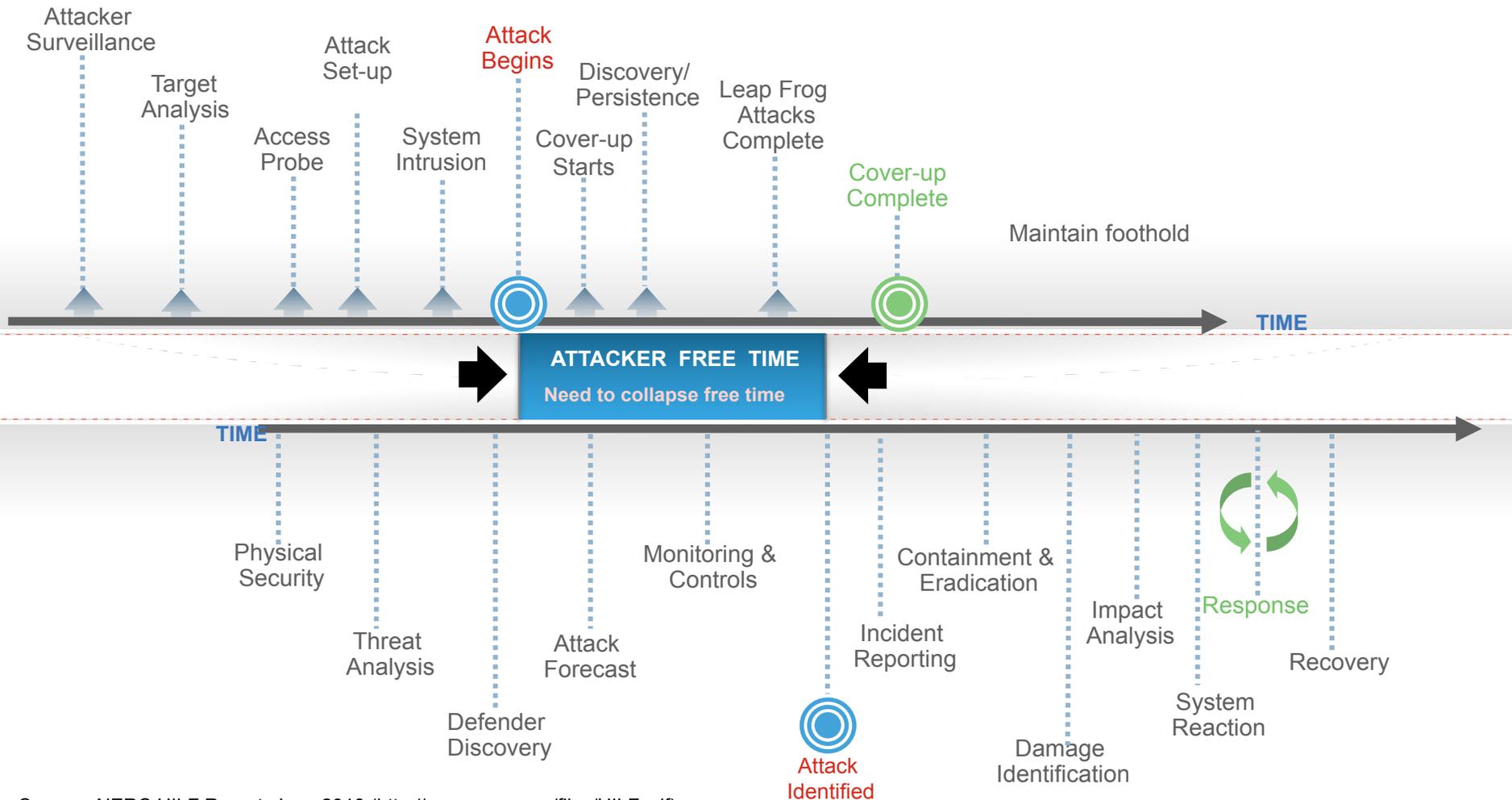
99% of breaches led to compromise within “days” or less with **85%** leading to data exfiltration in the same time

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

85% of breaches took “weeks” or more to discover

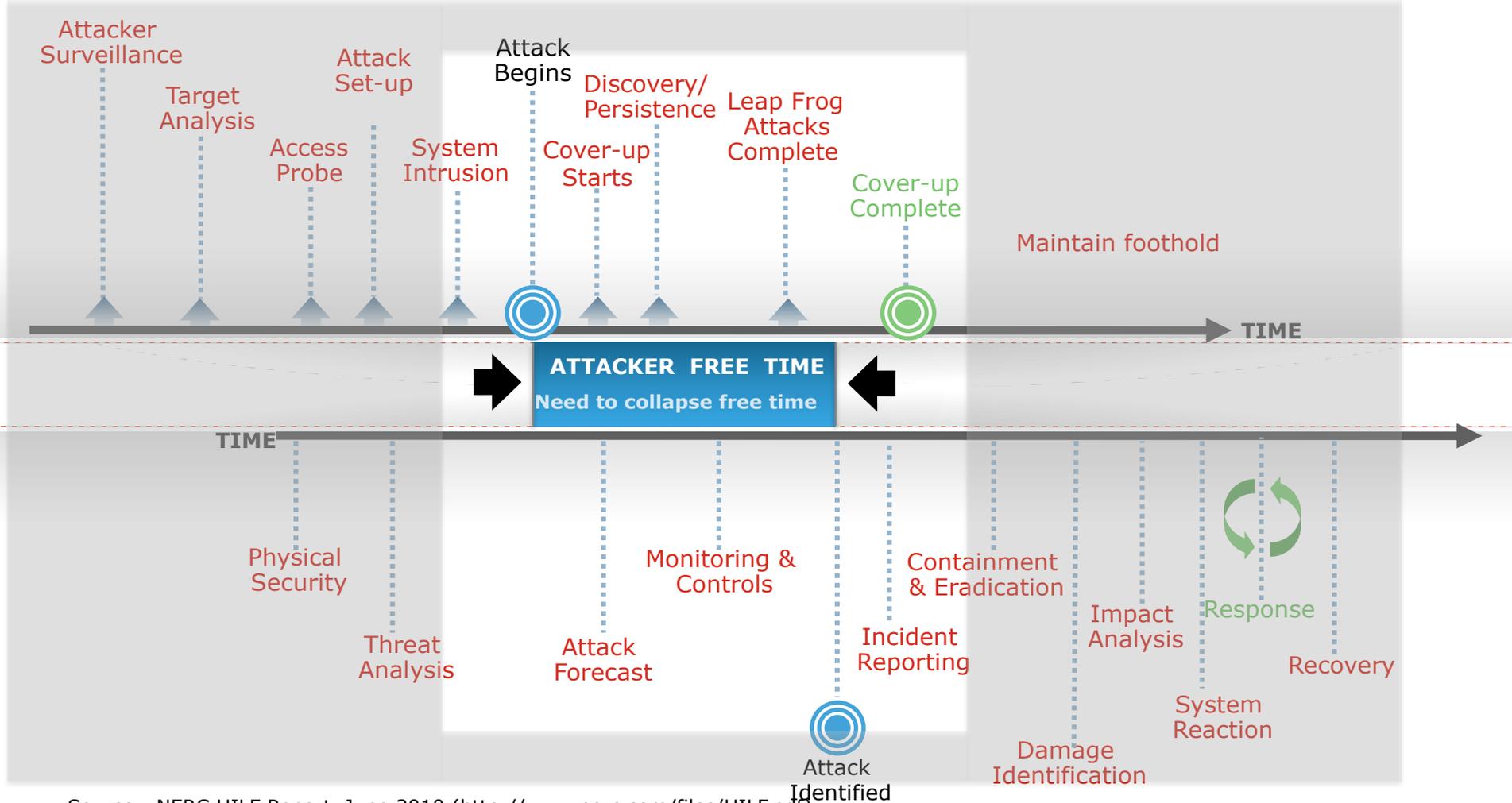
Source: Verizon 2012 Data Breach Investigations Report

Reducing Attacker Free Time



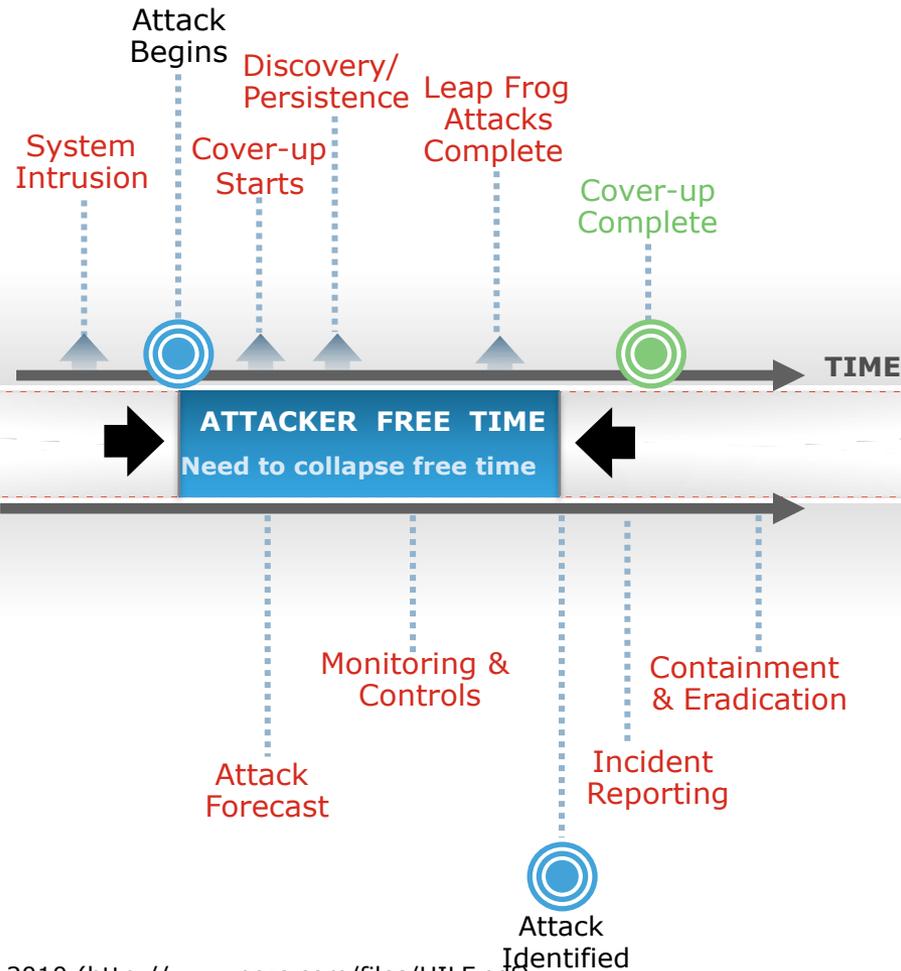
Source: NERC HILF Report, June 2010 (<http://www.nerc.com/files/HILF.pdf>)

Reducing Attacker Free Time



Source: NERC HILF Report, June 2010 (<http://www.nerc.com/files/HILF.pdf>)

Reducing Attacker Free Time



Source: NERC HILF Report, June 2010 (<http://www.nerc.com/files/HILF.pdf>)

Security Is Becoming A Big Data Problem

- More determined adversary means more data needed to identify attacks
- More complex IT environment means even simple attacks can hide in plain sight
- Security professionals are struggling to keep up¹
 - 40% of all survey respondents are overwhelmed with the security data they already collect
 - 35% have insufficient time or expertise to analyze what they collect

*1 EMA, The Rise of Data-Driven Security, Crawford, Aug 2012
Sample Size = 200*

Today's Security Requirements

Big Data Infrastructure

"Need a fast and scalable infrastructure to conduct short term and long term analysis"



Comprehensive Visibility

"See everything happening in my environment and normalize it"



High Powered Analytics

"Give me the speed and smarts to discover and investigate potential threats in near real time"

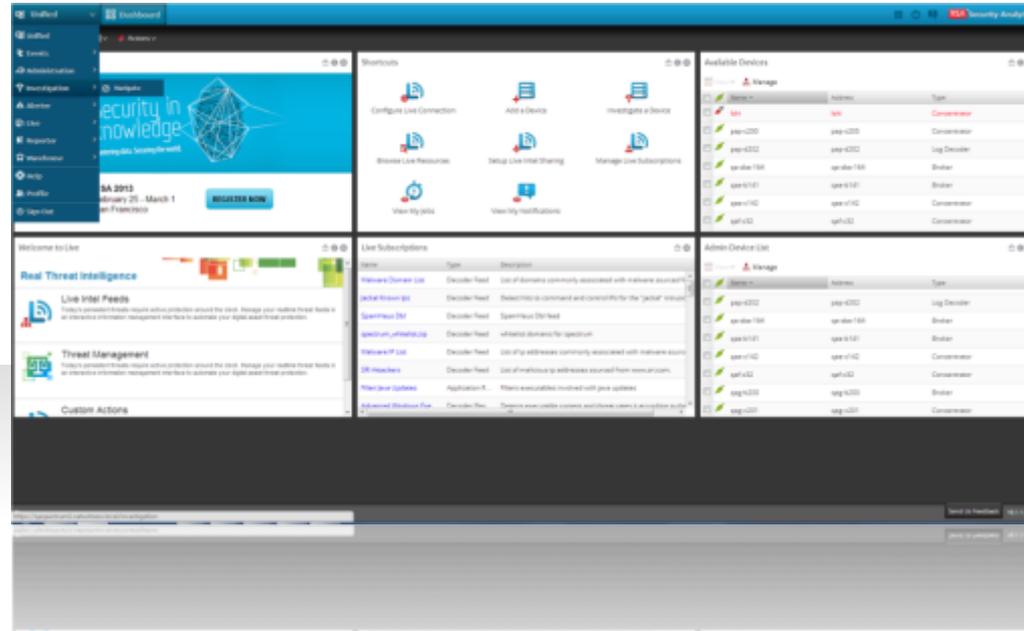


Integrated Intelligence

"Help me understand what to look for and what others have discovered"



What is RSA Security Analytics?



- Unified platform for:
 - Security monitoring
 - Incident investigations
 - Compliance reporting
- Brings together SIEM, Network Security Monitoring, Big Data Management & Analytics
- RSA Security Analytics is a new approach to combating advanced threats

RSA Security Analytics: Changing The Security Management Status Quo

Unified platform for security monitoring, incident investigations and compliance reporting



**SEE DATA YOU DIDN'T SEE BEFORE,
UNDERSTAND DATA YOU DIDN'T EVEN CONSIDER BEFORE**

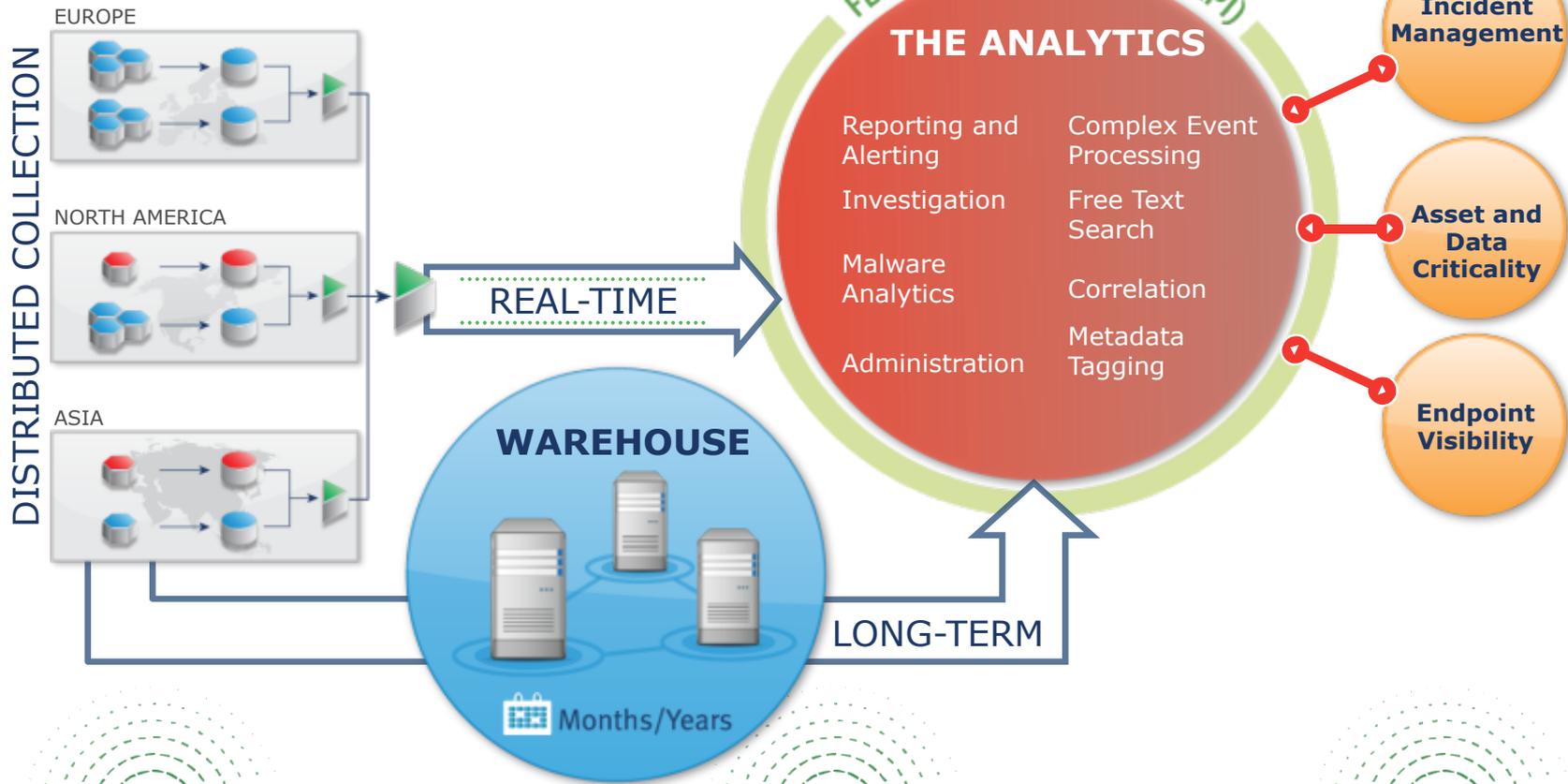


Security Analytics Architecture

DECODER → CONCENTRATOR → BROKER



Enrichment Data ■ Logs ■ Packets

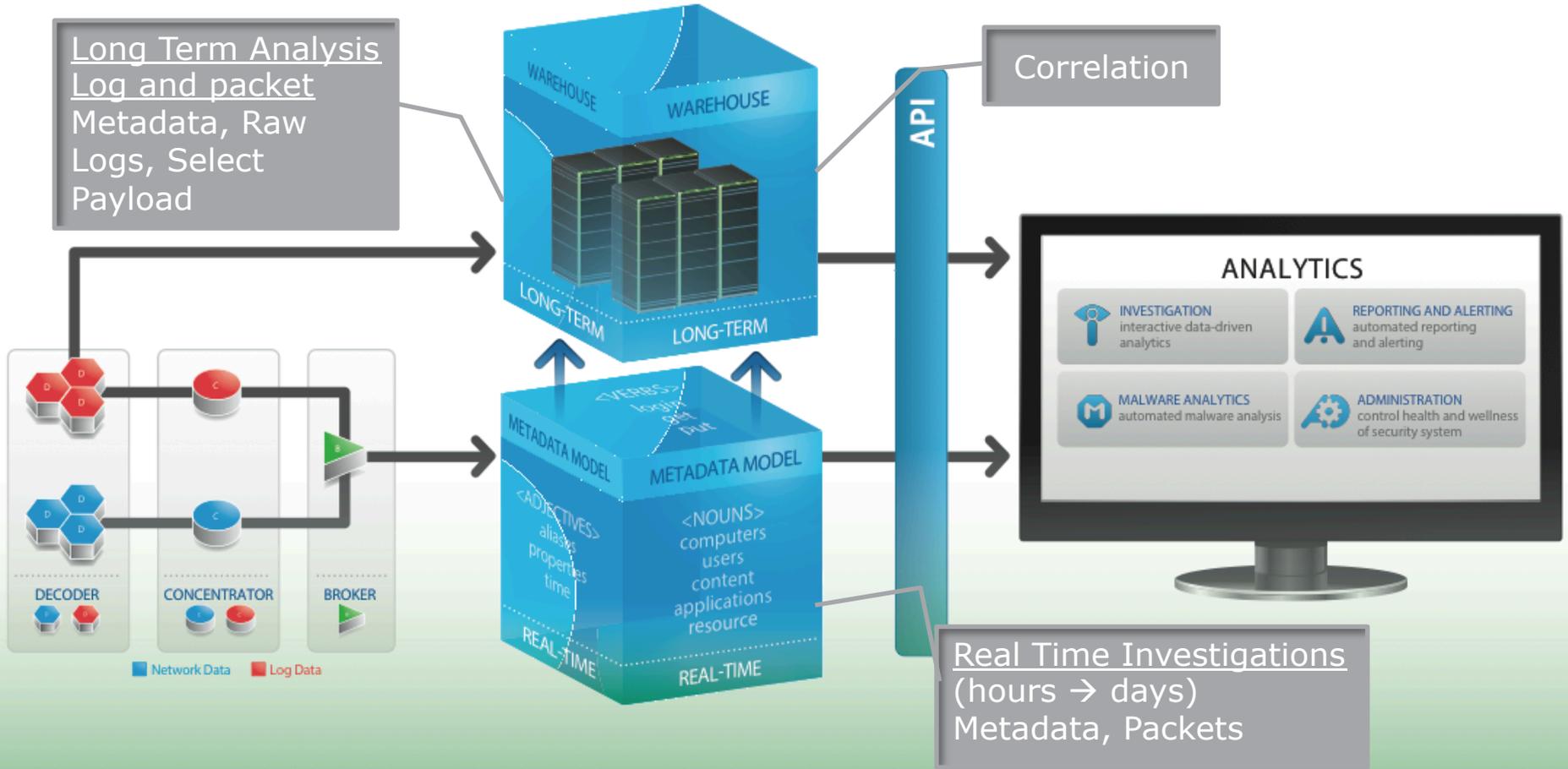


RSA LIVE INTELLIGENCE

Threat Intelligence – Rules – Parsers – Alerts – Feeds – Apps – Directory Services – Reports and Custom Actions



RSA Security Analytics Architecture

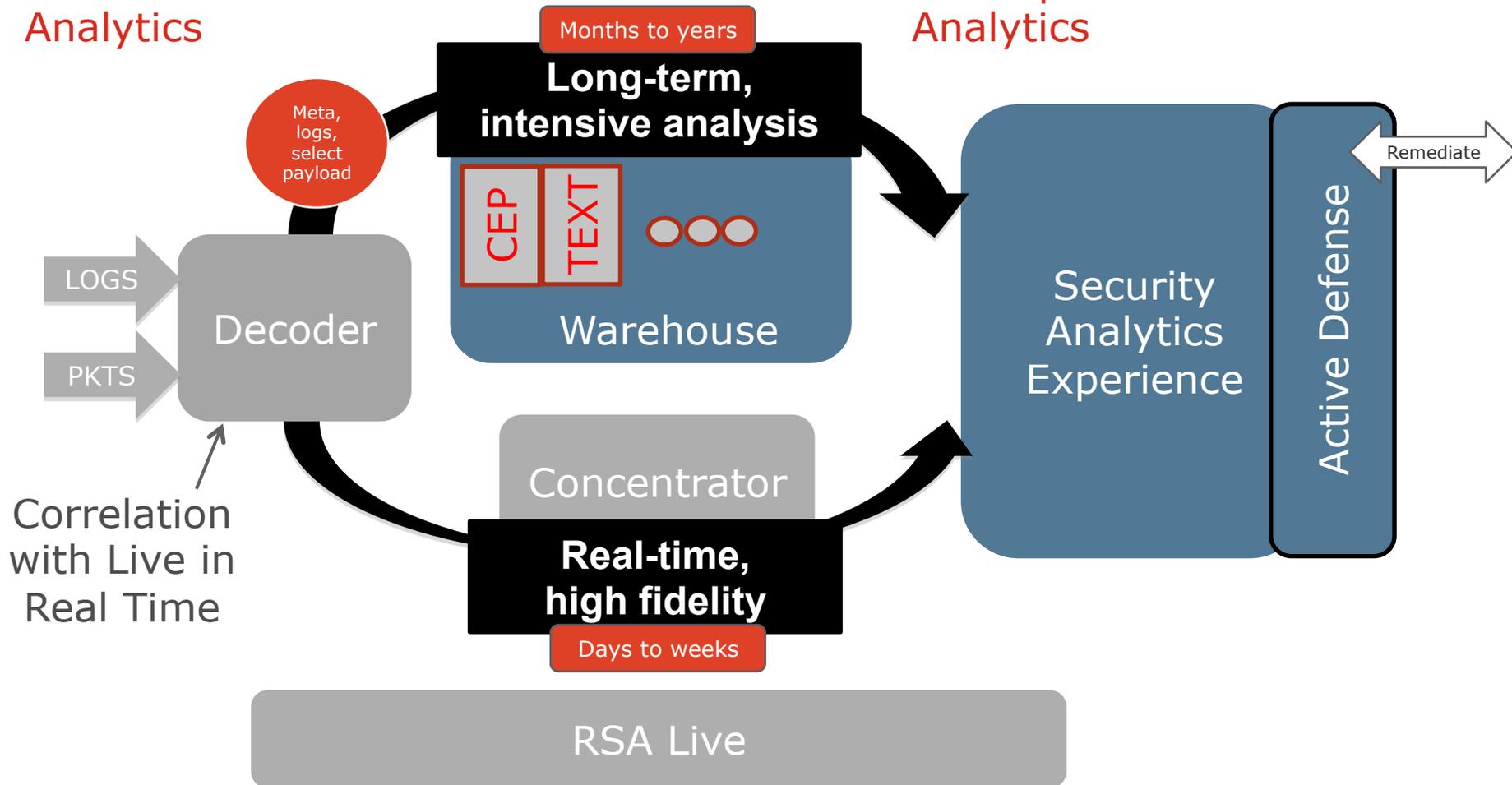


LIVE Threat Intelligence · Rules · Parsers · Alerts · Feeds · Apps
Directory Services · Reports and Custom Actions

Security Analytics Topology

CEP = Stream Analytics

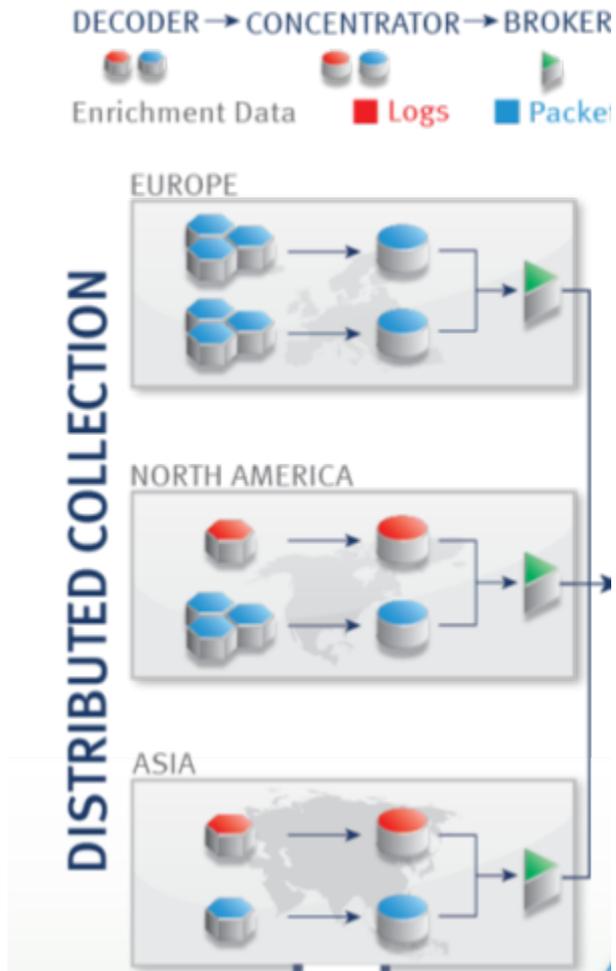
Hadoop = Batch Analytics



What Makes Security Analytics Different?

- Big Data Infrastructure
 - Fast and scalable
 - Security data warehouse plus proven NetWitness infrastructure
- Comprehensive Visibility
 - See everything happening in an environment
 - Normalizes diverse data including logs, packets and intelligence
- High Powered Analytics
 - Speed and smarts to detect and investigate advanced threats
 - Provides short term and long term analytics plus compliance
 - Removes the hay versus digging for needles
- Integrated Intelligence
 - Operationalize intelligence by fusing it with your data
 - Understand what to look for and what others have found

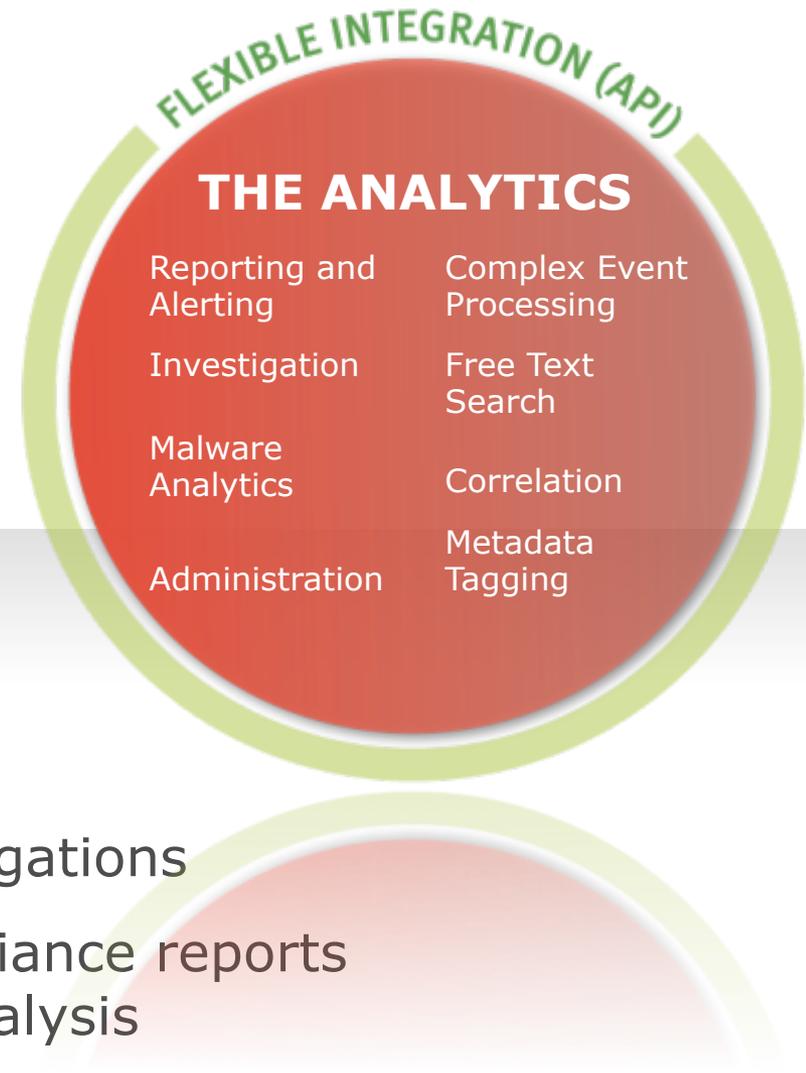
Big Data Infrastructure



- Single platform for capturing and analyzing large amounts of network and log data
- Distributed, “scale-out” architecture
- Unique architecture to support both “speed” and “smarts” for threat analysis
- Security data warehouse for long term analytics & compliance
- Proven NetWitness infrastructure
- Session based, full reconstruction

High Powered Analytics

- Eliminates blind spots to achieve comprehensive visibility across the enterprise
- Real-time and “after-the-fact” investigations
- Uses the industry’s most comprehensive and easily understandable analytical workbench
- Proven, patented analytics applies business context to security investigations
- Automates the generation of compliance reports and supports long term forensic analysis



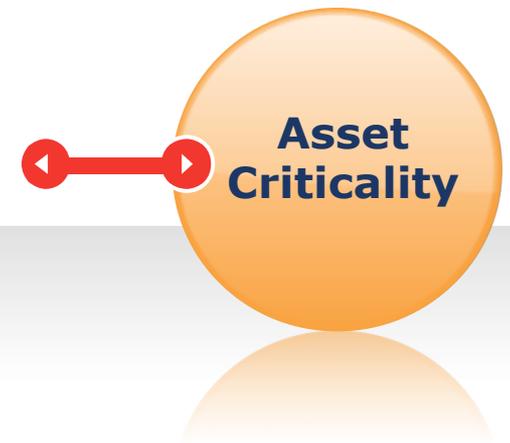
The Security Analytics Warehouse



- Long Term Data Retention and Analysis
 - Security data focused warehouse
 - Packet & Log Metadata, Raw Logs, Select Payload
- Hadoop-based architecture for maximum scale and flexibility
- Complex Event Processing
- “Google-like” free text search
- Achieves requirements for compliance

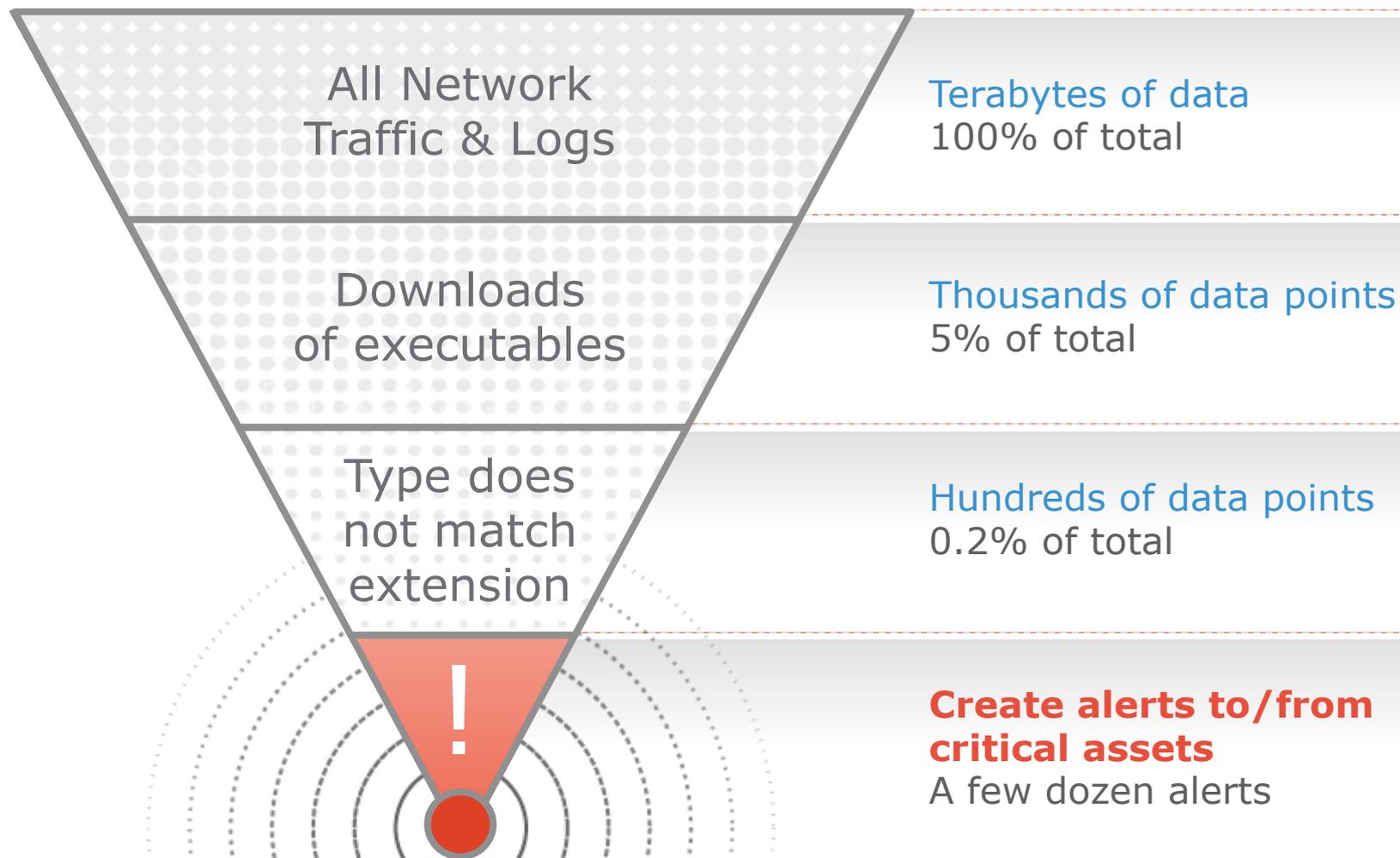
Flexible Integration

- API flexibility allows RSA Security Analytics to form heart of security ecosystem
- Integrates with other security tools such as SIEM, IDS/IPS, firewalls, Splunk, DLP, etc.
- Integrate asset criticality and business context data from RSA Archer; data discover from RSA DLP
- Open interface for access and transformation of collected data



FLEXIBLE INTEGRATION (API)

Reimagining Security Analysis: Removing Hay vs. Digging For Needles



Integrated Intelligence

Know What To Look For

RSA LIVE INTELLIGENCE SYSTEM

Threat Intelligence – Rules – Parsers – Alerts – Feeds – Apps – Directory Services – Reports and Custom Actions



OPERATIONALIZE INTELLIGENCE:

Take advantage of what others have already found and apply against your current and historical data

RSA FirstWatch[®]

- RSA `s elite, highly trained global threat research & intelligence team
- Providing covert and strategic threat intelligence on advanced threats & actors
- Focused on threats unknown to the security community
 - Malicious code & content analysis
 - Threat research & ecosystem analysis
 - Profiling threat actors
- Research operationalized automatically via RSA Live



Days of Investigation Completed In Hours

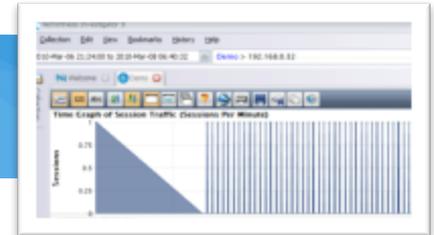
ALERT!!!... Multiple indicators to escalate a potential incident

Abnormal EXE structure, crafted HTTP header, RSA Live indicates traffic coming from known malicious actor



Session Recreated

Privilege escalation, attempted FTP upload of documents, Other similar traffic from targeted account, other traffic from IP address



Additional Context

Incident involves highly critical server from the accounting department, data targeted includes company financials and PCI data



Incident Management

Incident escalated, owner notified, remediation case opened, endpoint inspected

- Asset Business Unit (5 values)
payroll (5,534) - corporate (2,945) - finance (2,150) - research (968) - globalit (738)
- Asset Criticality (2 values)
medium (6,467) - high (2,772)
- Asset Facility (2 values) 🔍
bedford (6,041) - reston (5,670)

Suspect Attack Scenario: Data Ex-filtration

ALERT!!... Suspect Network Traffic

IP Address shows multiple connections tunneled over non-standard port

Authorized User Logged in to AD

AD Logs drill-down show user logged in from suspect IP with authorized credentials

1



2



3

Different user from same IP/Host logged into development test server, then the corporate file server

VPN & Host logs show a different set of authorized credentials used to log into VPN and multiple internal servers

4



Data ex-filtration

Encrypted ZIP file transferred out to Internet via FTP server



Only RSA Security Analytics Can Tell You The Impact Of The Attack

Attack Step	Traditional SIEM	RSA Security Analytics
Alert for access over non-standard port	No	Yes
Recreate activity of suspect IP address across environment	No	Yes
Show user activity across AD and VPN	Yes	Yes
Alert for different credentials used for AD and VP	Yes	Yes
Reconstruct exfiltrated data	No	Yes

Investigation Scenario

Find compromised Server or Workstation acting as SPAM host

Multiple outbound SMTP connections from workstation.
Multiple internet DNS connections from workstation



1

Find out how the workstation got infected

User clicked on the link and got infected by Trojan from drive-by download.



2

Recreate phishing e-mail message

Determine whether targeted phishing attack at play

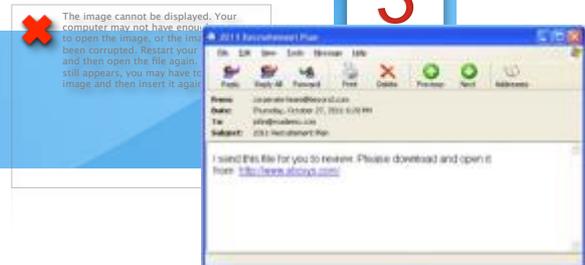
3



4

Analyze malware

Determine whether targeted or vanilla malware in use



Only RSA Security Analytics Can Tell If This Is A Targeted Attack

Attack Step	Traditional SIEM	RSA Security Analytics
Alert for suspected SPAM host	Yes	Yes
Show all WWW requests where executable downloaded	No	Yes
Recreate email with suspect link	No	Yes
Analyze malware and incorporate community intelligence	No	Yes
Determine whether attack is part of a targeted campaign	No	Yes

Summary

- Traditional security is not working
- Security is becoming a Big Data problem
- RSA Security Analytics is a new approach to combating advanced threats
- RSA Security Analytics brings together traditional SIEM, Network Security Monitoring, Big Data Management & Analytics
- Key pillar to an intelligence-driven security strategy
 - Big Data Infrastructure
 - Comprehensive Visibility
 - High Powered Analytics
 - Integrated Intelligence

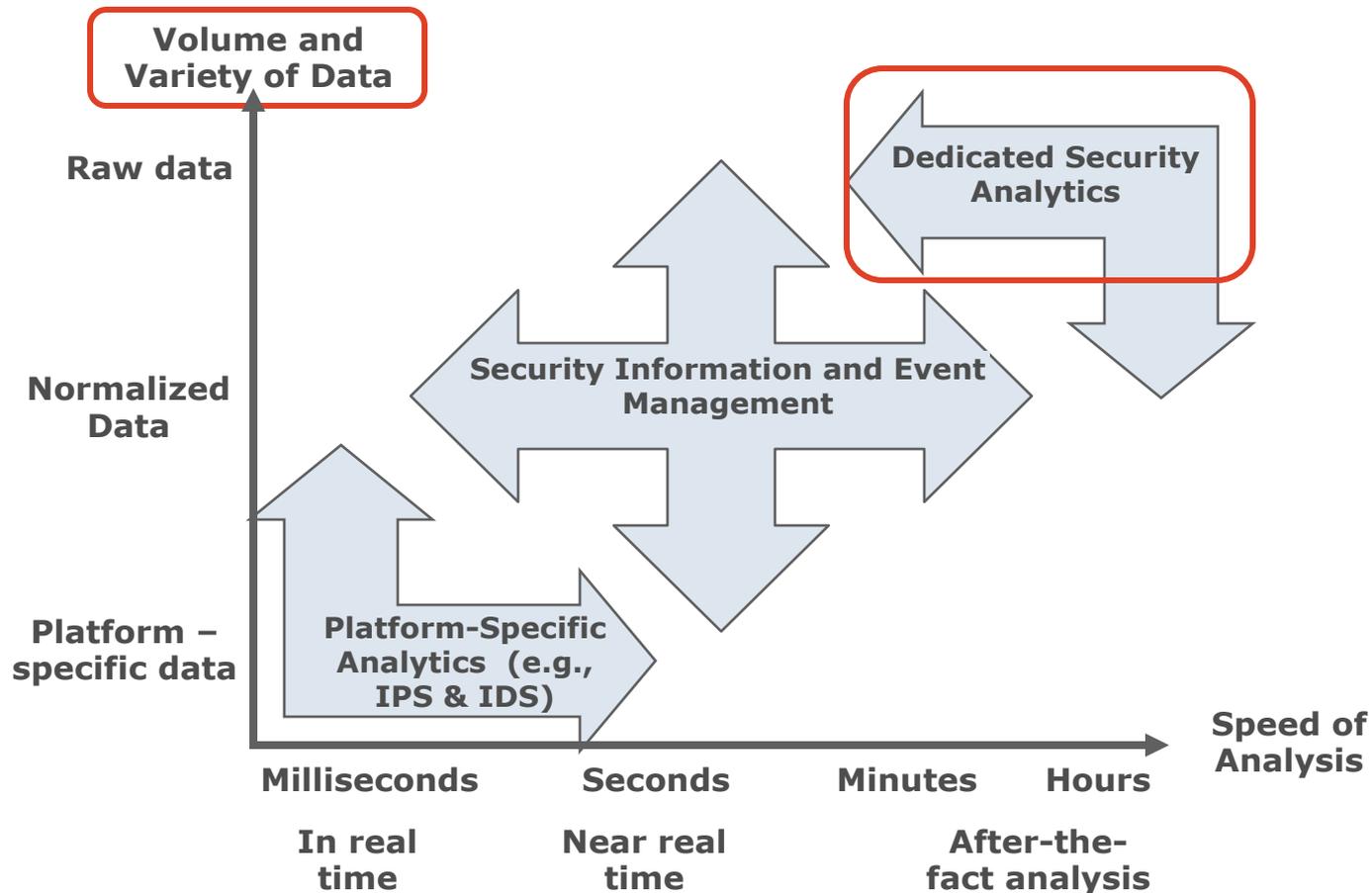


EMC²®

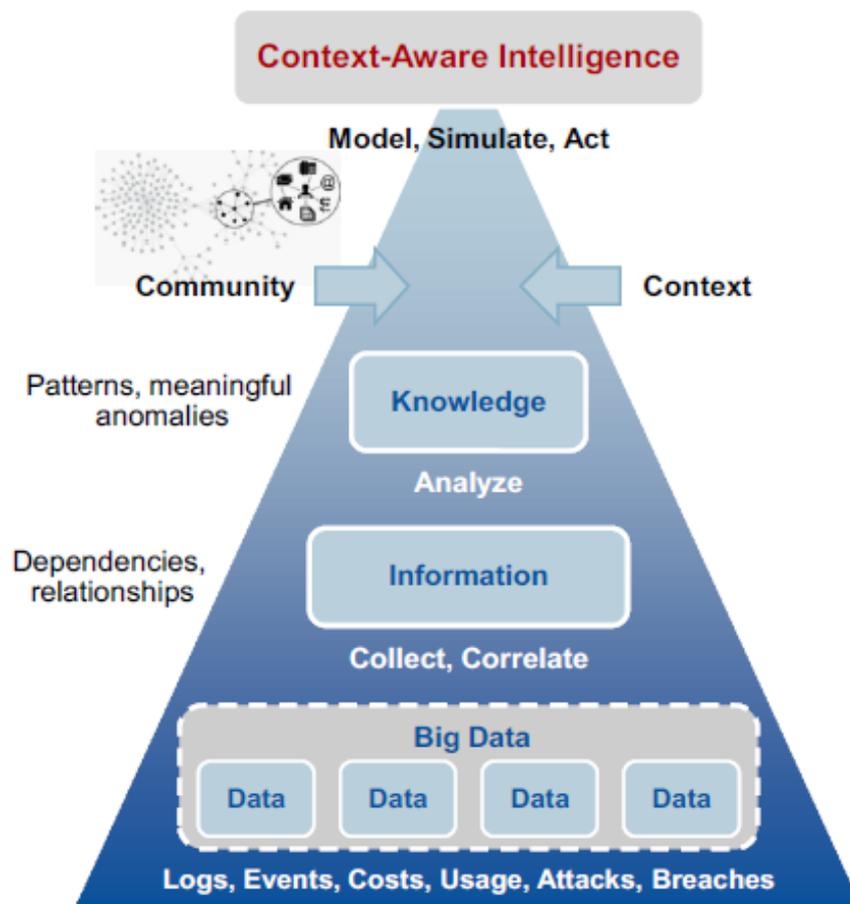
Appendix: Intros

Analyst Proof Points

SIEM Needs To Evolve Into Security Analytics



Context-Aware Security Intelligence: Risk-Prioritized, Actionable Insight



Gartner

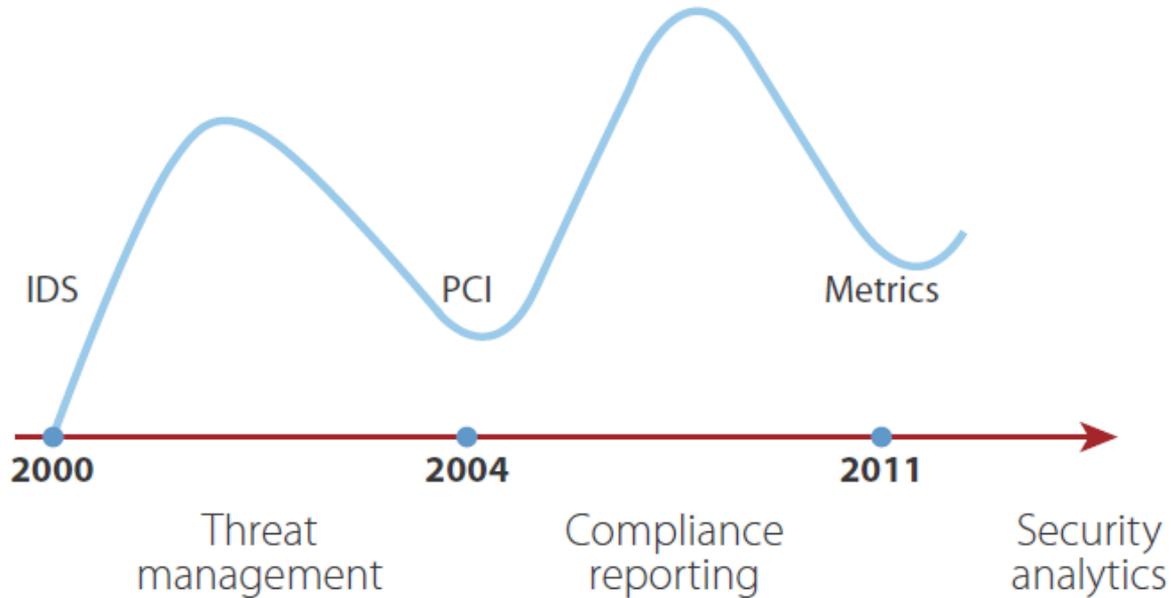
Source: Gartner (March 2012)

Gartner, Information Security is Becoming a Big Data Analytics Problem, Neil Macdonald, Mar. 23, 2012



SIEM Needs To Evolve

Figure 1 The Evolution Of SIM



61554

Source: Forrester Research, Inc.

FORRESTER®

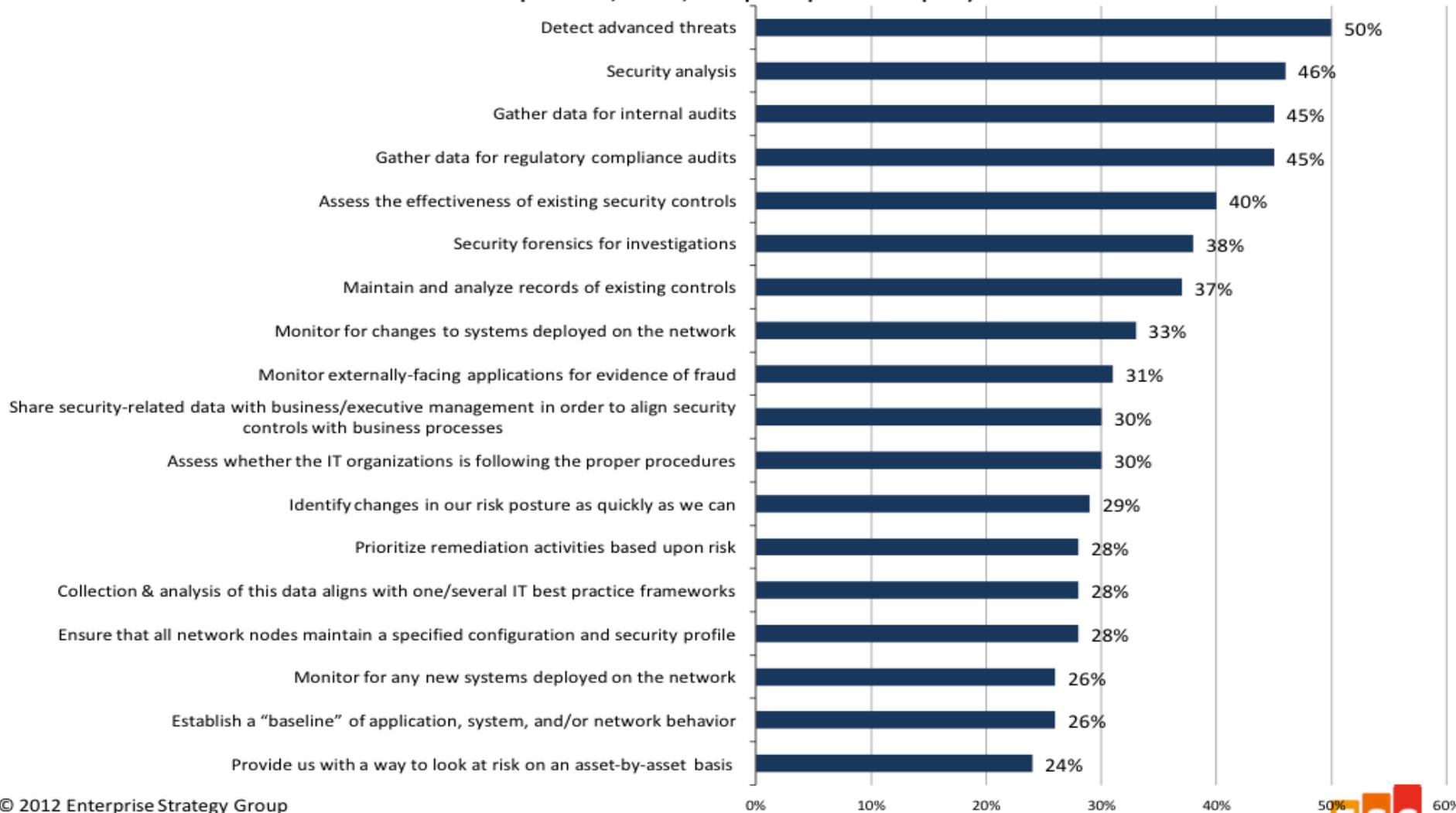
Forrester, *Dissect Data to Gain Actionable INTEL, Shey & Kindervag, August 9, 2012*

RSA

EMC²

Drivers For Big Data Security Analysis

What are the biggest drivers for your organization to collect and analyze data as part of its security strategy? (Percent of respondents, N=257, multiple responses accepted)



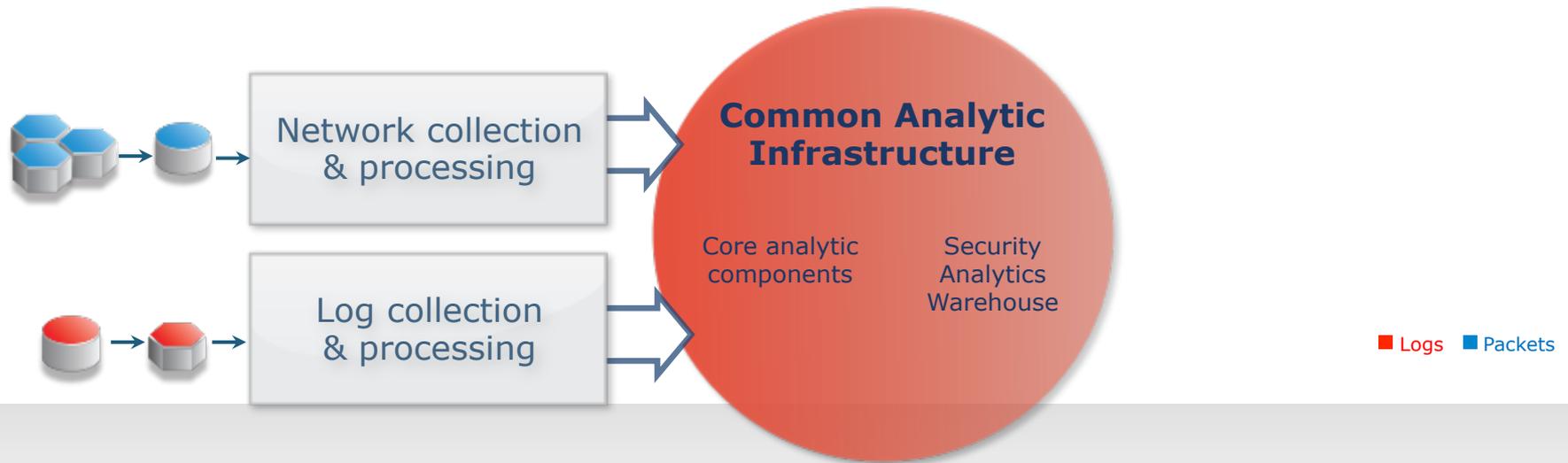
© 2012 Enterprise Strategy Group



Deployment Options



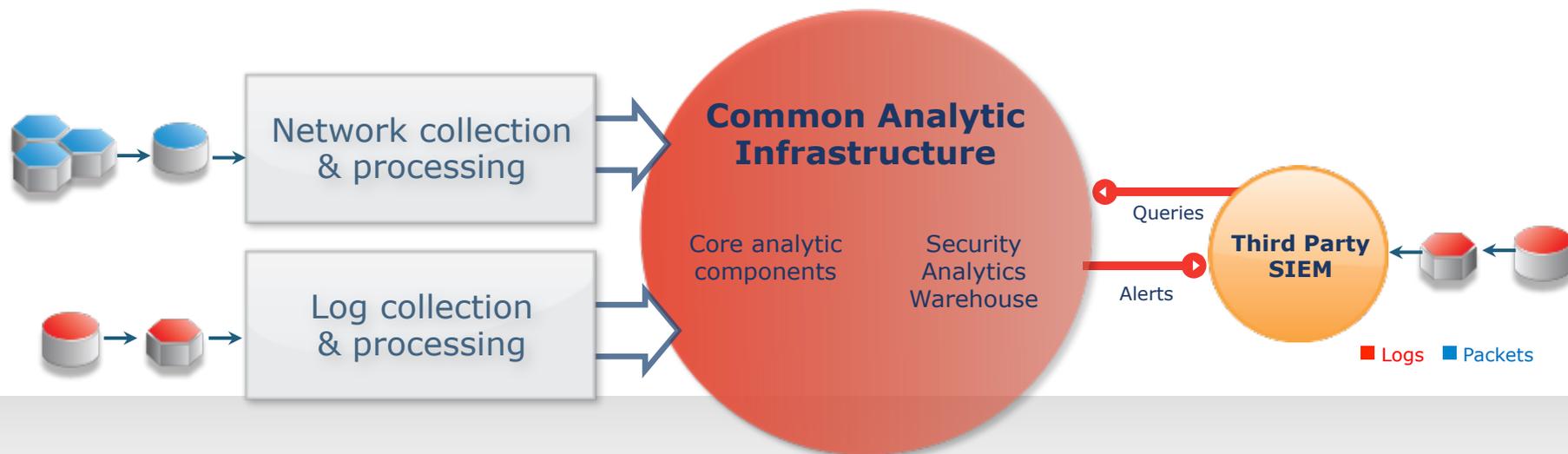
Security Analytics Deployment Choices



Customers can buy

- Log analysis, packet analysis or both
- Core components for short term analytics, warehouse for longer term & more intensive analytics, or both

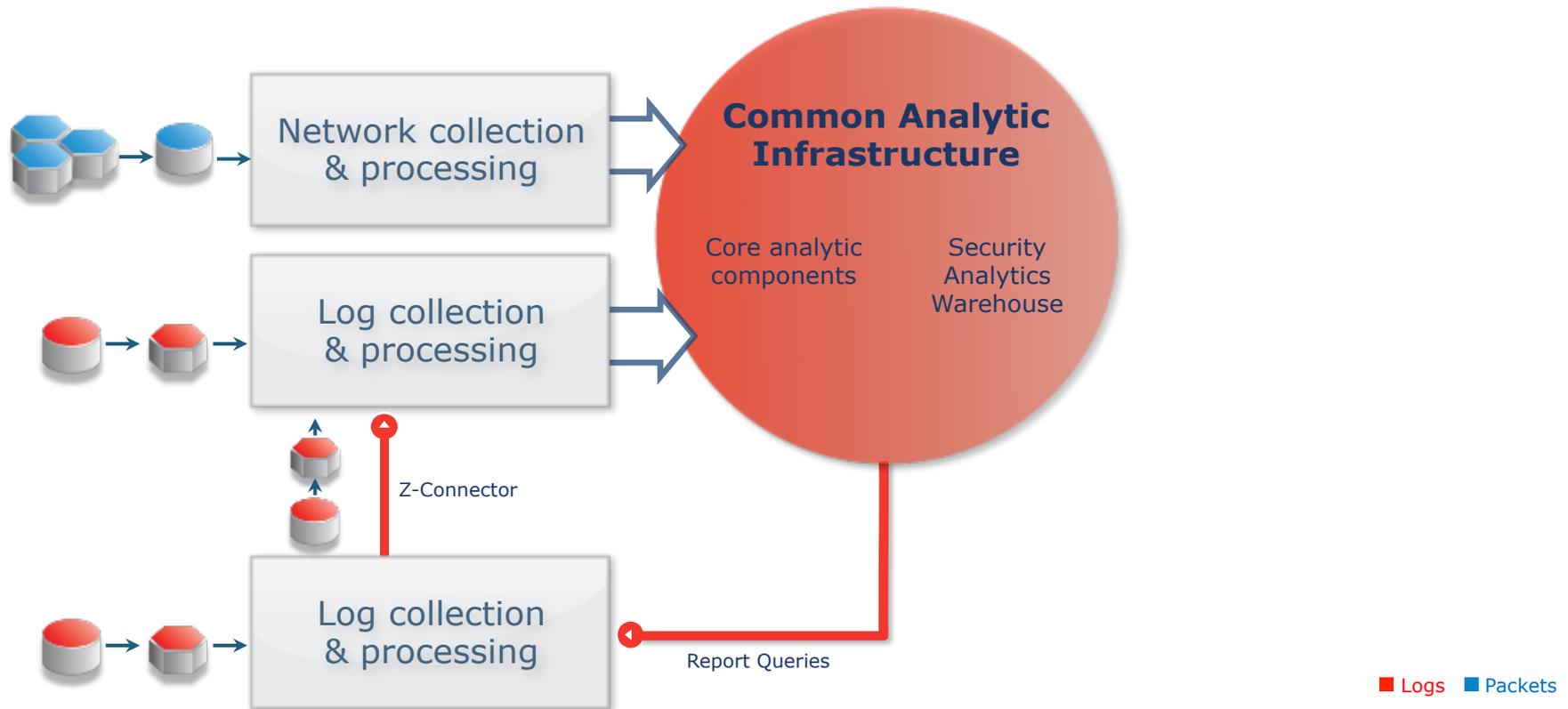
Security Analytics & SIEM



Security Analytics Integrates with SIEM

- Exports alerts as logs to SIEM
- Executes queries from SIEM (e.g. investigate this IP)
- Two separate interfaces – no native correlation across logs and packet data
- No warehouse for complex analytics

Security Analytics & enVision



Transition allows for mixed mode deployment

- Logs can be forwarded to SA to take advantage of better performance and analytic firepower
- Capability to query enVision from within SA UI for legacy data

Technical Details



Security Analytics Warehouse (SAW)

- SAW
 - Proper Data Warehouse
 - Security data focus
 - Hadoop-based
- Flexible access / analysis
 - Network metadata and Log data
- RSA SA reporting and full text search UI
 - Open interface for access and transformation of collected data
 - PIG & HIVE
- Modular Scale
 - Single to hundreds to thousands of nodes
- Platform
 - Advanced security analytic tools (CEP)
 - Archive Log Compression
 - Resiliency and high availability

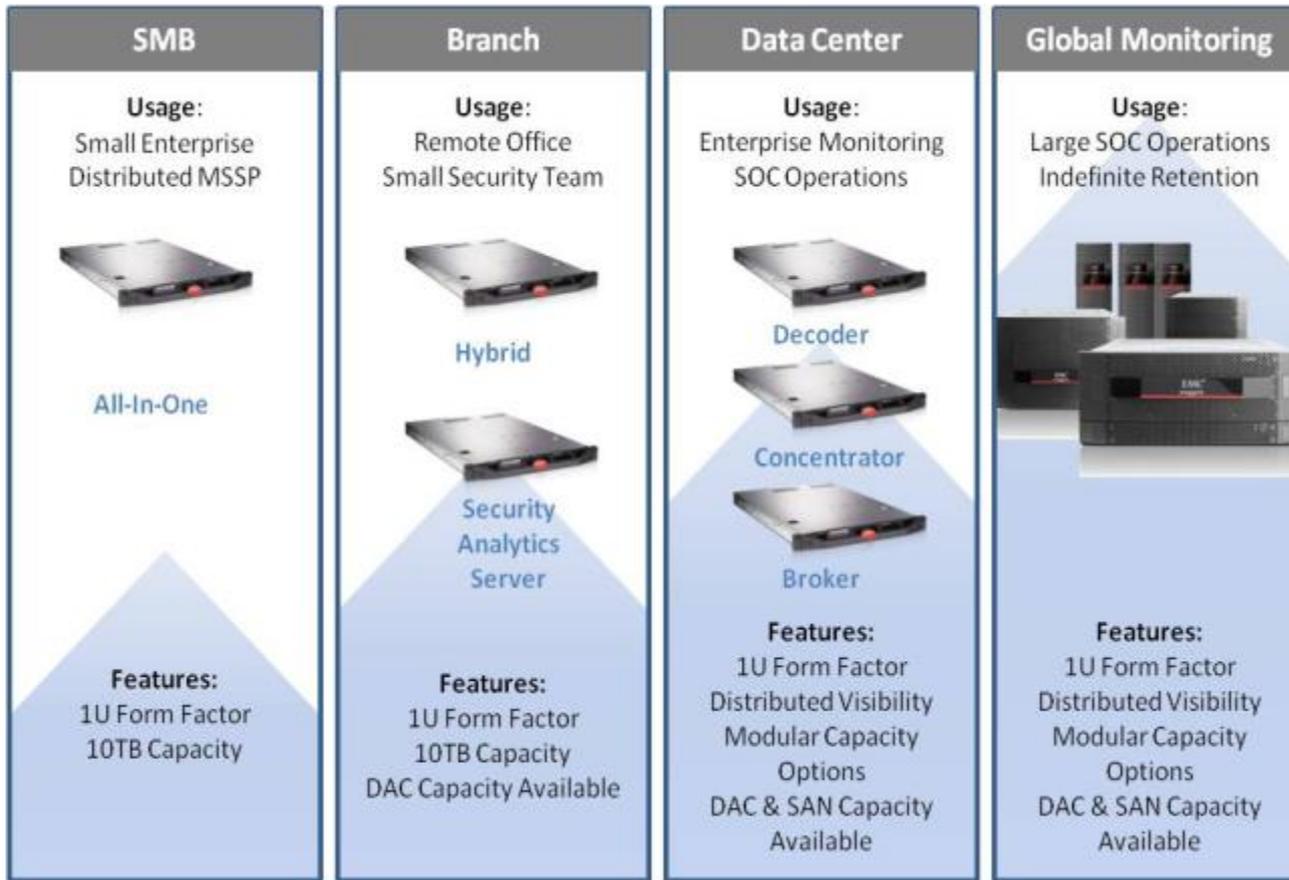
Security Analytics Warehouse (SAW)

- Ultra Performance – for more powerful analytics
 - A cluster of 4S appliances
 - 1U Rackspace per node
 - Each node rated @ 20k EPS sustained collection
- High Capacity – for archiving and less analytics
 - A cluster of 4S appliances with DACs
 - 4U Rackspace per node
 - 3 node cluster retains 6000 average EPS for 2 years
 - Each node rated to 20k EPS sustained collection

Security Analytics Preliminary Stats

- Processing
 - A single Log Decoder can process 30K EPS, with peak beyond 80K EPS, double other SIEM tools
 - 350 supported log sources
- Compression
 - SA Warehouse 9:1
 - 50% more than other SIEM tools
- Consumption
 - Security Analytics Warehouse (3 compute nodes) can consume at 500K EPS...and scale up
- Correlation
 - Security Analytics Warehouse Complex Event Processing (6 compute nodes) can correlate 4.5 Billion EPS ... and scale up
- Reporting
 - Queries that took hours now takes minutes

Security Analytics – Platform Options



- Various platform options to meet the specific needs and use cases of customers
- Software-only versions of these platforms are available

Taking A Closer Look

Integrated Intelligence In Action:
The VOHO Campaign

Benefits of Integrated Intelligence

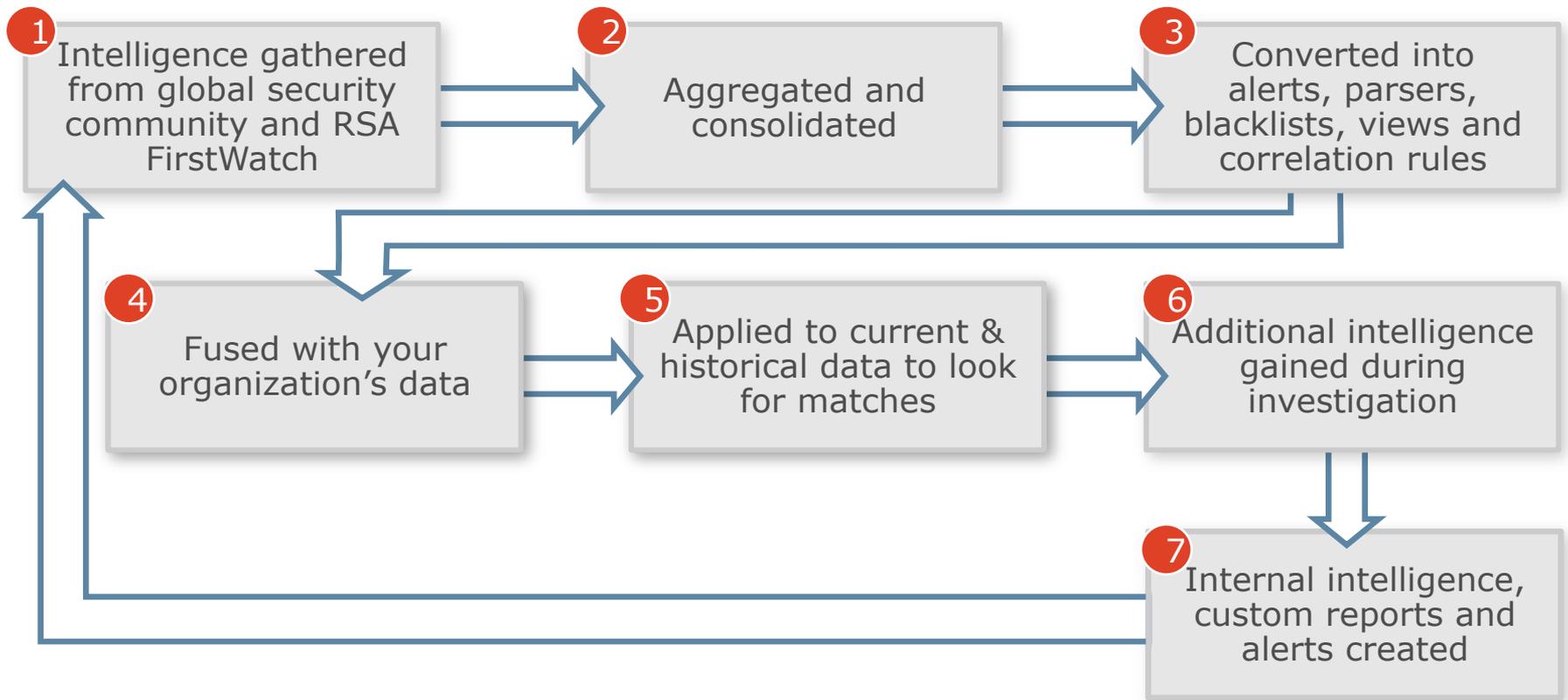
- There is intelligence and there are the tools needed to make intelligence operational. RSA Security Analytics delivers both
- Operationalized intelligence is far greater than detached intelligence
- Analysts need to understand what to look for and take advantage of what others have found
- RSA Live integrated the best of global intelligence as well as proprietary research from RSA FirstWatch
- Compare intelligence with historical data to see if indicators of compromise were found
- Apply in real-time to defend against future attacks

The Lifecycle Of Intelligence

Know What To Look For

RSA LIVE INTELLIGENCE SYSTEM

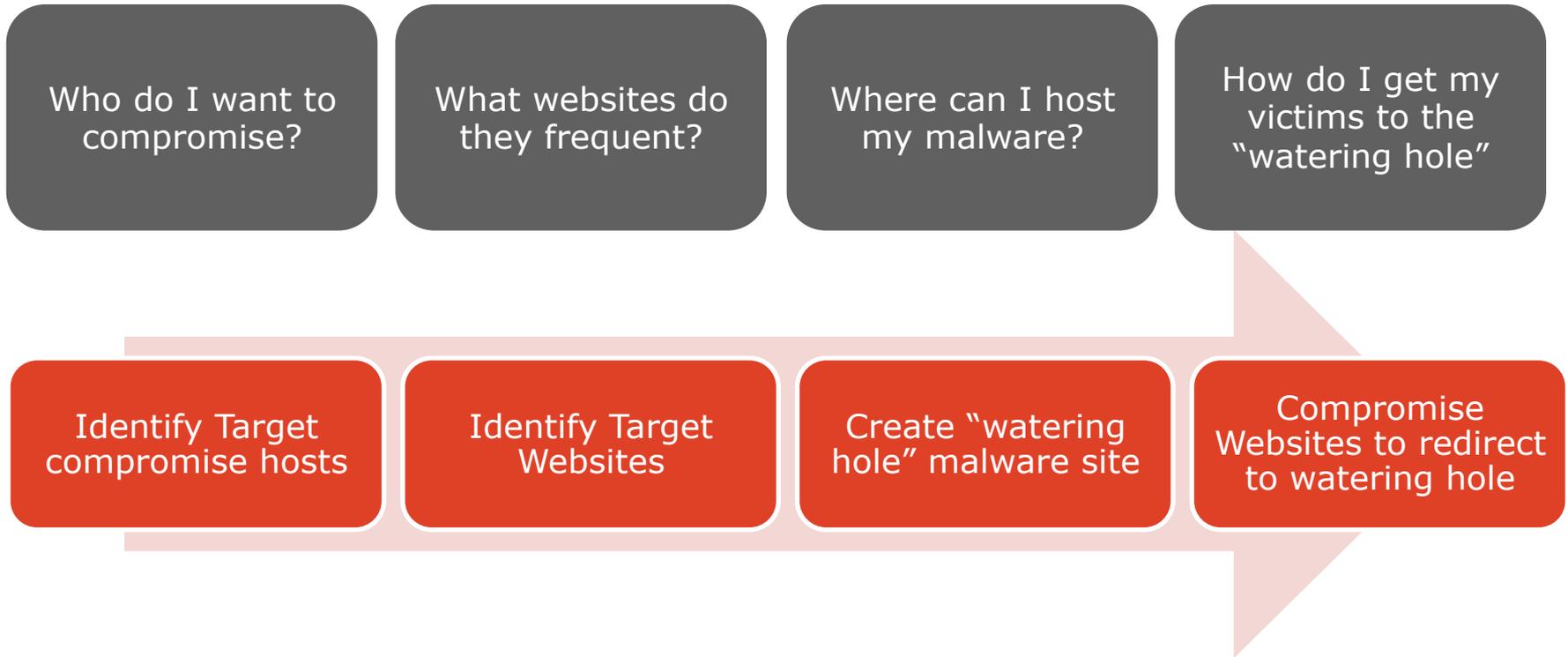
Threat Intelligence – Rules – Parsers – Alerts – Feeds – Apps – Directory Services – Reports and Custom Actions



What Is The VOHO Campaign?

- Discovered in July 2012 by RSA FirstWatch
 - Infrastructure was shared for multiple threat campaigns
 - Trojan payload via browser-based exploits to delivers exploits to website visitors
- At first glance appeared to be “garden variety” drive by attack
- However, victims seemed to be geographically clustered
- Further research by RSA First Watch team found campaign used brand new attack approach utilizing ‘water holing’ method
- Multistage Campaign: Redirection with a heavy dependency on JavaScript on two specific domains for majority of promulgation

VOHO Waterholing Attack Flow



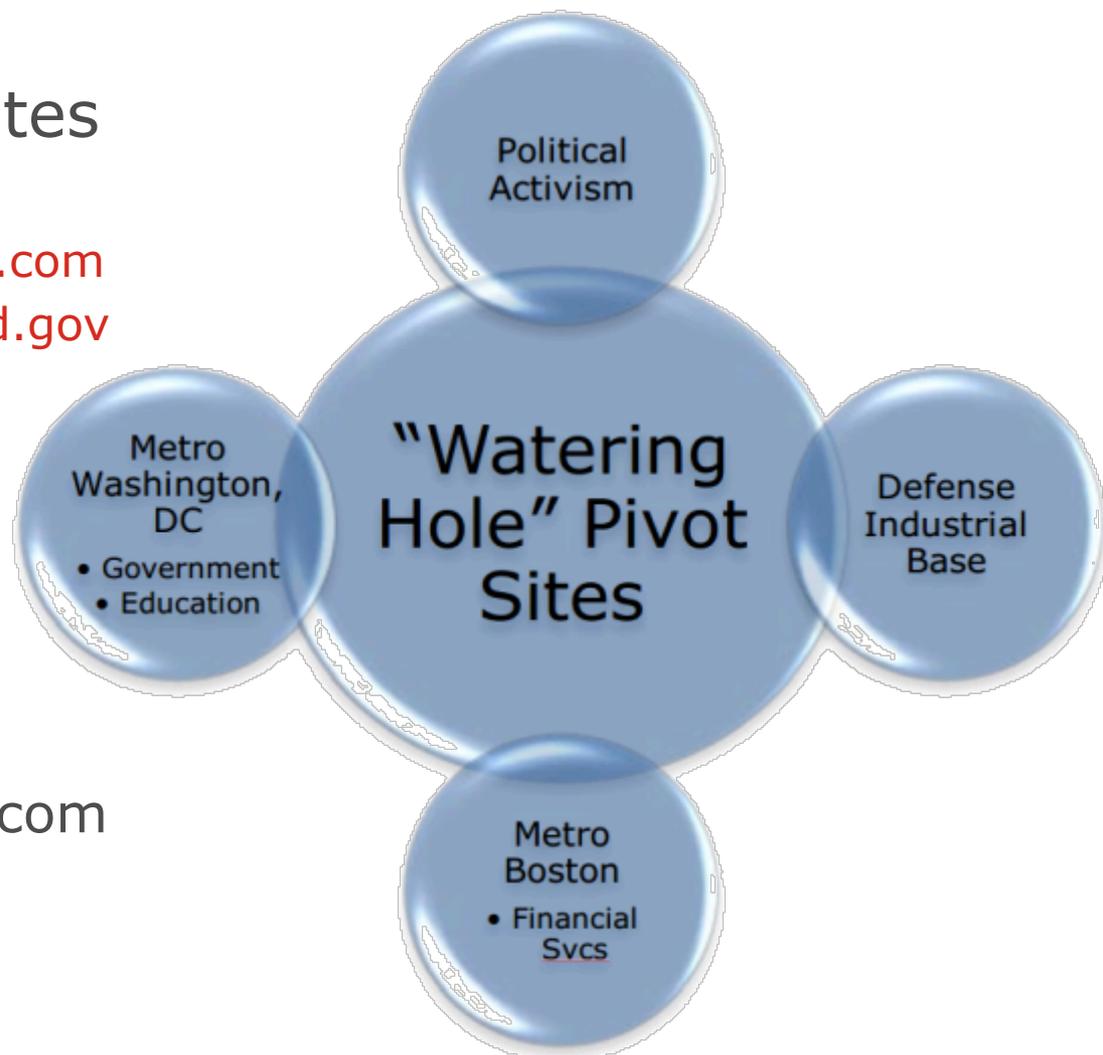
VOHO Watering Hole Leveraged Industries and Regions

- Sample targeted websites (redacted)

- [hxxp://www.xxxxxxxxxtrust.com](http://www.xxxxxxxxxtrust.com)
- [hxxp://xxxxxxxxxcountymd.gov](http://xxxxxxxxxcountymd.gov)
- [hxxp://xxxxxxxcenter.org](http://xxxxxxxcenter.org)
- [hxxp://xxxxxxxxpolitics.com](http://xxxxxxxxpolitics.com)
- [hxxp://www.xxxxxantennas.com](http://www.xxxxxantennas.com)

- Water Hole site (redacted)

- [hxxp://xxxxxxxxcurling.com](http://xxxxxxxxcurling.com)



Malware Specifics

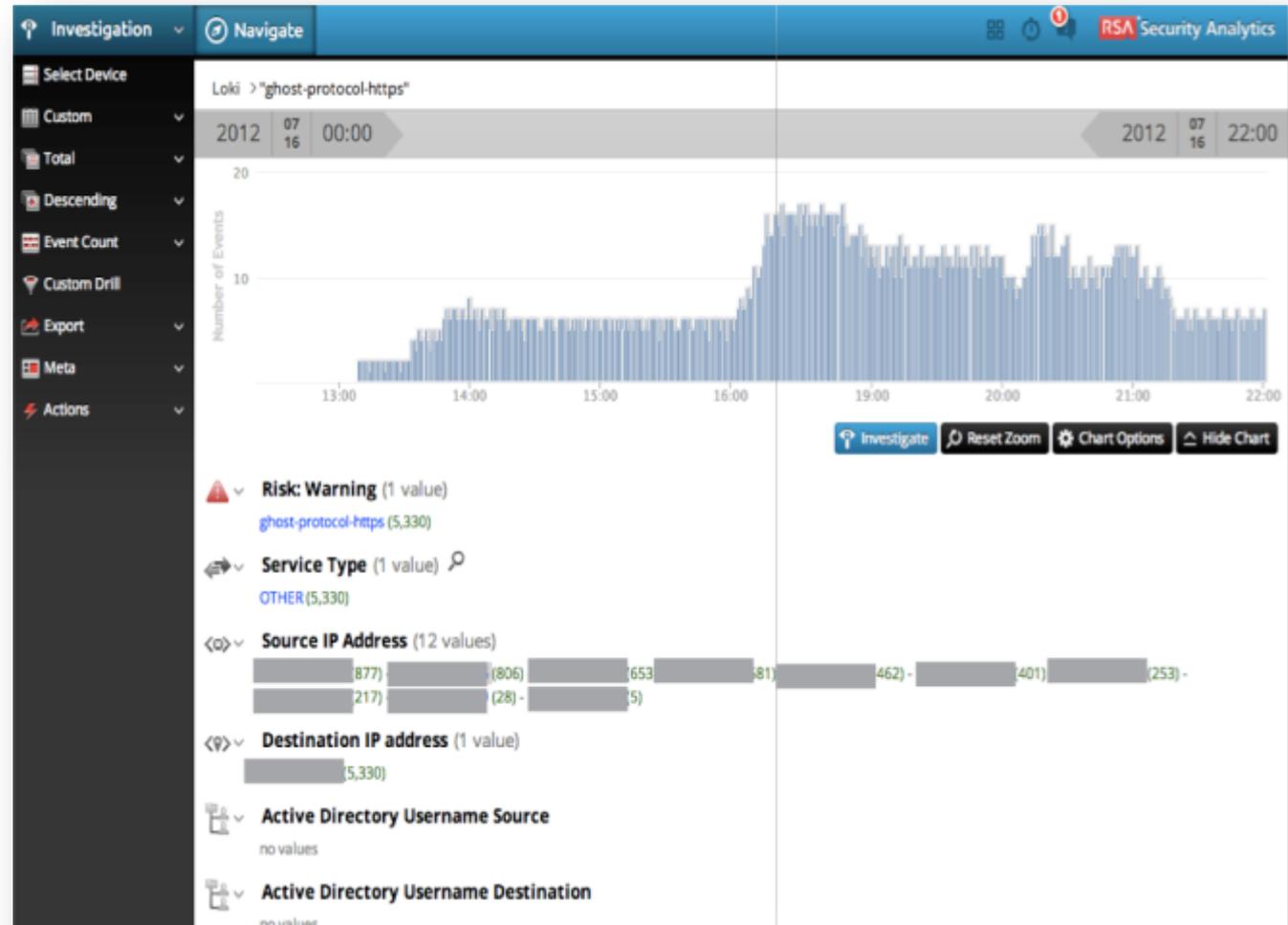
- Installed Variant of Gh0st RAT on compromised endpoint
 - Gh0st is a Remote Access Tool (RAT) allowing control of compromised endpoint
 - Typically masquerades as Symantec or MS update
 - Exploits zero day or known vulnerability
 - Microsoft XML Core Services – CVE-2012-1889
 - Java Exploit – CVE-2012-1723

How did RSA FirstWatch detect this?

- Look for communication with blacklisted hosts
 - Known C2 sites
 - Known malware domains
- Look for suspect network traffic
 - “Gh0st” or “HTTPS” in first 5 packets of non-RFC compliant session
 - Use of web redirect using xKungFoo script
- Indicators are automatically distributed and regularly updated via RSA Live

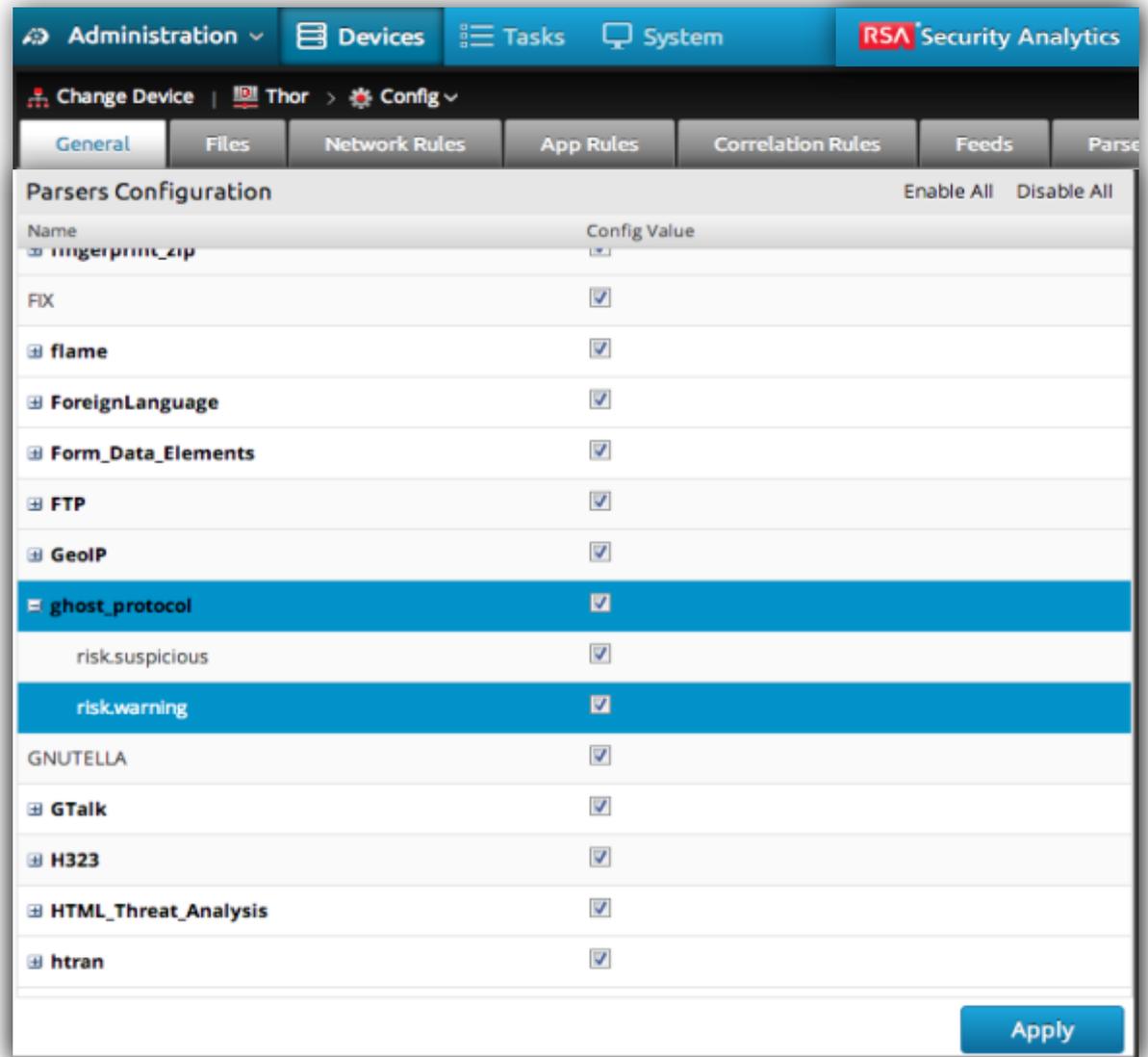
Indicators Defined To Help Identify Attack

- Look for Command and Control (C2) IP addresses → Look for Control Channel IP addresses → Parser created



Intelligence Feeds Automatically Updated

- RSA FirstWatch feeds updated with VOHO related IP addresses and domains
- Users have the ability to choose which intelligence feeds to enable



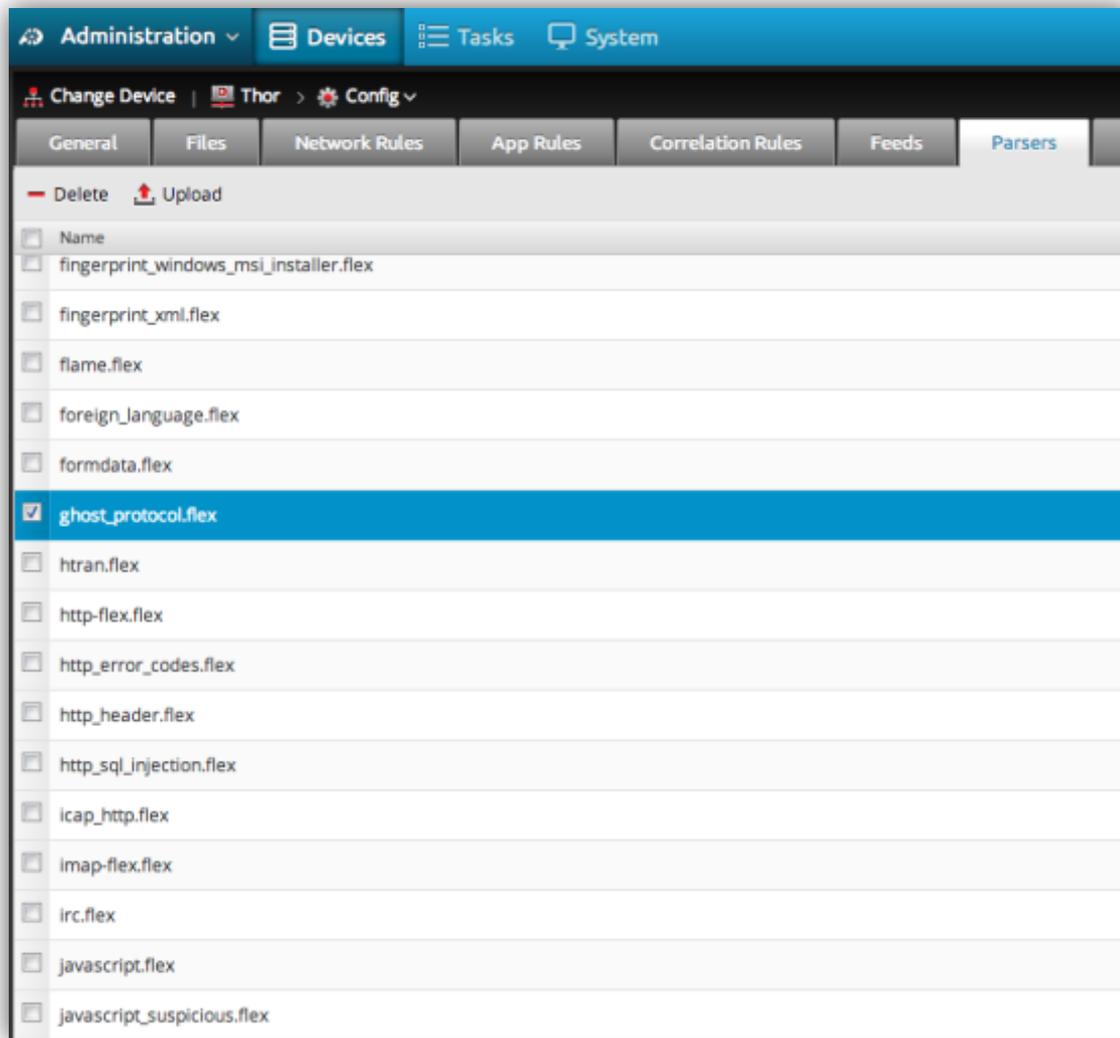
The screenshot shows the RSA Security Analytics configuration interface. The top navigation bar includes 'Administration', 'Devices', 'Tasks', and 'System'. The current view is 'Config' for device 'Thor'. The 'Feeds' tab is selected, showing the 'Parsers Configuration' table. The table lists various intelligence feeds with checkboxes to enable or disable them. The 'ghost_protocol' and 'risk.warning' feeds are highlighted in blue.

Name	Config Value
fingerprntc_zip	<input type="checkbox"/>
FIX	<input checked="" type="checkbox"/>
flame	<input checked="" type="checkbox"/>
ForeignLanguage	<input checked="" type="checkbox"/>
Form_Data_Elements	<input checked="" type="checkbox"/>
FTP	<input checked="" type="checkbox"/>
GeolP	<input checked="" type="checkbox"/>
ghost_protocol	<input checked="" type="checkbox"/>
risk.suspicious	<input checked="" type="checkbox"/>
risk.warning	<input checked="" type="checkbox"/>
GNUTELLA	<input checked="" type="checkbox"/>
GTalk	<input checked="" type="checkbox"/>
H323	<input checked="" type="checkbox"/>
HTML_Threat_Analysis	<input checked="" type="checkbox"/>
htran	<input checked="" type="checkbox"/>

Buttons: 'Enable All', 'Disable All', 'Apply'.

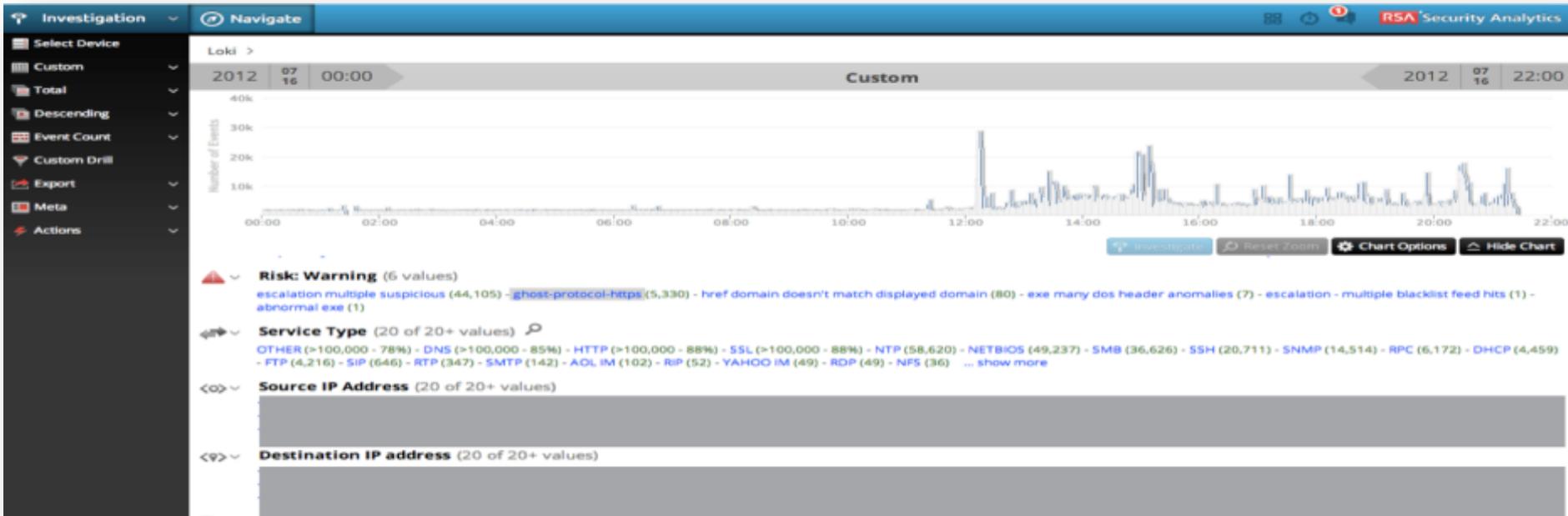
Intelligence Converted Into An Operationalized Format

- Indicators converted into 'Gh0st Protocol' parser
- Parser helps search for specific behavior within a feed
 - Removes hay to help find needles



Examples Of Findings

- Parser fused with organizational data to find compromised hosts within their environment
- Lateral movement indicative of promulgation found via host based forensic analysis



Examples Of Findings

- Parser fused with organizational data to find compromised hosts within their environment
- Lateral movement indicative of promulgation found via host based forensic analysis

The screenshot displays the RSA Security Analytics interface. The top navigation bar includes 'Investigation' and 'Navigate' menus. The main content area shows a list of events for the device 'Loki' with the filter '*ghost-protocol-https*' and '*168.159.45.146*'. The table below lists four events from 2012-07-16, each showing a bidirectional connection between 168.159.45.146 and 58.64.155.59 on various ports (2273, 2270, 2266, 2264). Below the table is a pagination control showing 'Page 1 of 41' and '20 items per page'. The bottom section, 'Event Reconstruction', provides detailed metadata for the selected event, including source and destination IP addresses, ports, and organizational context such as 'country.src' (United States) and 'country.dst' (Hong Kong).

Time	Service	Size	Details
2012-07-16 9:19am	IP \TCP \OTHER	101...	↔ 168.159.45.146 → 58.64.155.59 ↔ 2273 → 80 View All Meta
2012-07-16 9:18am	IP \TCP \OTHER	101...	↔ 168.159.45.146 → 58.64.155.59 ↔ 2270 → 80 View All Meta
2012-07-16 9:18am	IP \TCP \OTHER	101...	↔ 168.159.45.146 → 58.64.155.59 ↔ 2266 → 80 View All Meta
2012-07-16 9:17am	IP \TCP \OTHER	101...	↔ 168.159.45.146 → 58.64.155.59 ↔ 2264 → 80 View All Meta

Event Reconstruction details:

- device: Loki
- event ID: 1020276576
- event type: network session
- source: [redacted] : 2273
- destination: [redacted] : 80
- service: 0
- first packet time: 2012-07-16 13:19:21.867
- last packet time: 2012-07-16 13:19:21.894
- packet size: 1,016 bytes

Request & Response details:

- risk.warning: "ghost-protocol-HTTPS"
- sourcefile: "c2.pcap"
- country.src: "United States"
- city.src: [redacted]
- latdec.src: 42.2966
- longdec.src: -71.5352
- country.dst: "Hong Kong"
- latdec.dst: 22.25
- longdec.dst: 114.1667
- org.src: [redacted]
- org.dst: "NWT IDC Data Service"
- domain.src: [redacted]
- asn.dst: 17444
- threat.desc: "hongkong"
- threat.source: "netwitness"
- threat.category: "informational"
- org.dst: "AS number for New World Telephone Ltd."
- threat.category: "research"

RSA Live Subscription Offering

CONTENT CLASSIFICATION	BASIC Open Source Threat Intelligence Advanced Threat Content	ENHANCED RSA Security	PREMIUM* A la Carte Fraud Intelligence & Financial Services Intelligence
Informer Threat / Security Reports	✓	✓	✓
Open Source Community Intelligence	✓	✓	✓
Core Content for Common Protocols / C&C Reports	✓	✓	✓
Exploit Kit Identification	✓	✓	✓
Zero-Day Indicators / Compromise Indicators	✓	✓	✓
Prioritized Risk Levels	✓	✓	✓
RSA Security Threat Blacklist		✓	✓
APT Tagged Domains		✓	✓
Suspicious Proxies		✓	✓
Malicious Networks		✓	✓
NetWitness Identity (AD Integration)		✓	✓
Verisign® iDefense® 			✓

Summary: Intelligence Driven Security In Action

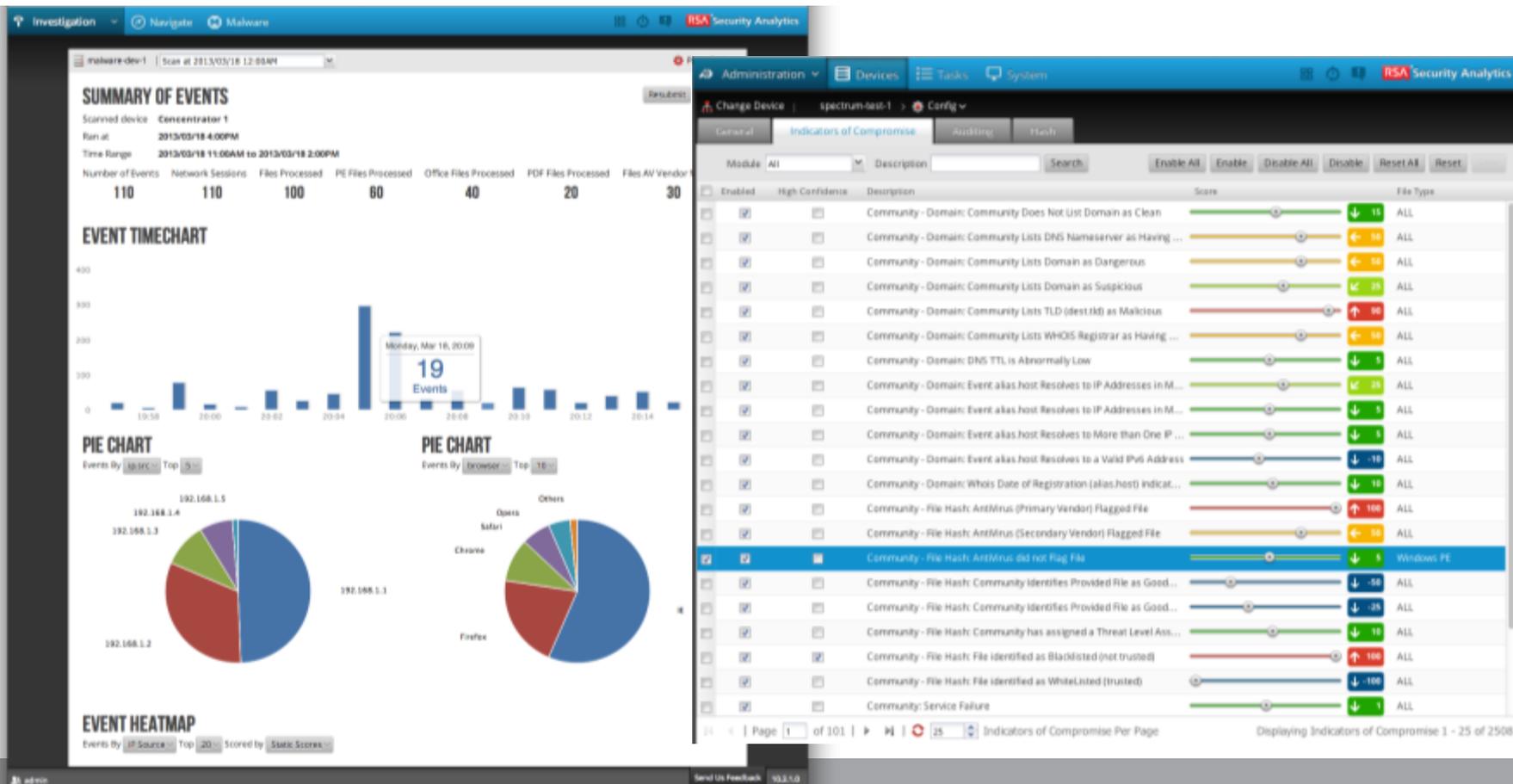
- Operationalized intelligence is far greater than detached intelligence
- Analysts need to understand what to look for and take advantage of what others have found
- Compare intelligence with historical data to see if indicators of compromise were found
- Apply in real-time to defend against future attacks

Taking A Closer Look

Malware Analysis

RSA Security Analytics Malware Analysis

An analytical workbench that utilizes multiple analytical methods to identification and analysis of malware-based attacks, including attacks not seen before.

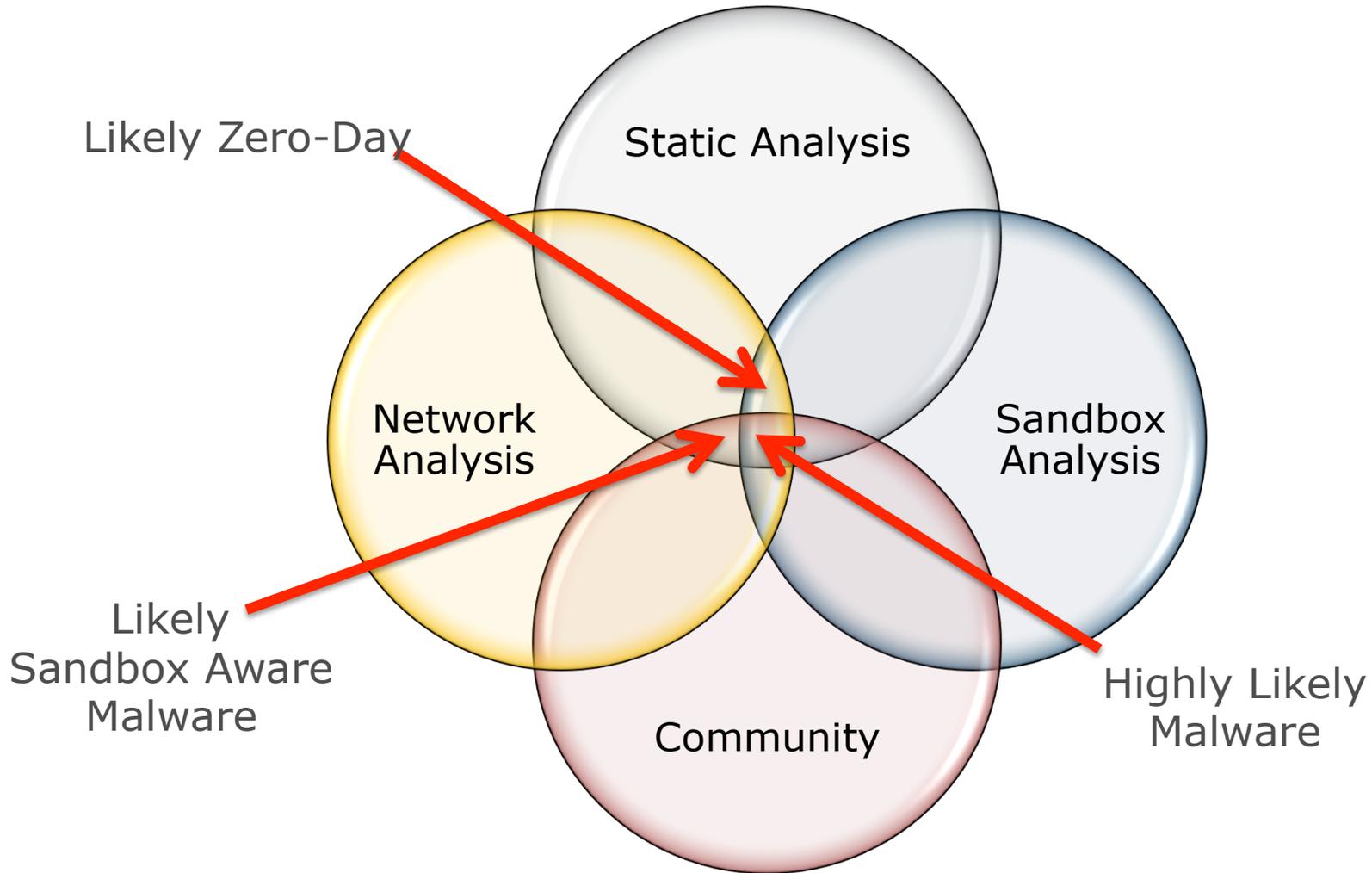


Malware Analysis

- The widest spectrum of malware-based attacks, including zero-day attacks
 - Gain insight into attacks missed by both traditional and modern approaches to malware protection
 - Consider all the network data and behavior to provide the full context of an attack
- Analyze attacks by utilizing a wide spectrum of investigation techniques
 - Combine sandboxing, community intelligence, file content and network behavior analysis
 - Automatically answer thousands of questions to help determine an attacker's intent, their potential targets and the level of threat they pose
- Increase the speed and accuracy of investigations
 - Replicate and automate the workflow of an advanced malware analyst
 - Save hours of work and ensure analysts focus on the most critical malware-related events

Malware Analysis

Multiple analytical methods in one tool



Replicate & Automate Advanced Analyst Workflow

NETWORK

Ask Hundreds of Questions About the Originating and Related Network Sessions

- Recursive and Referring Session Analysis
- Examples: Country of Origin, Time of Day, Size of Content, Referring Site, TLD and Country Match, JavaScript / Obfuscation, PDF Executable, Alerts present, Streaming Analysis of the Content, intelligence indicators, etc..

STATIC

Inspection for Signs of Malicious Code

- Static file content malware analysis
- Size, Meta Tags, Cleaned, Packed, Obfuscated, etc..

COMMUNITY

Community-based review by intelligence and reputation partners

- Extensible list of SaaS intelligence and whitelist partners
- Virus checking-providers, internet-based intelligence, known good/bad

SANDBOX

Local and cloud dynamic analysis

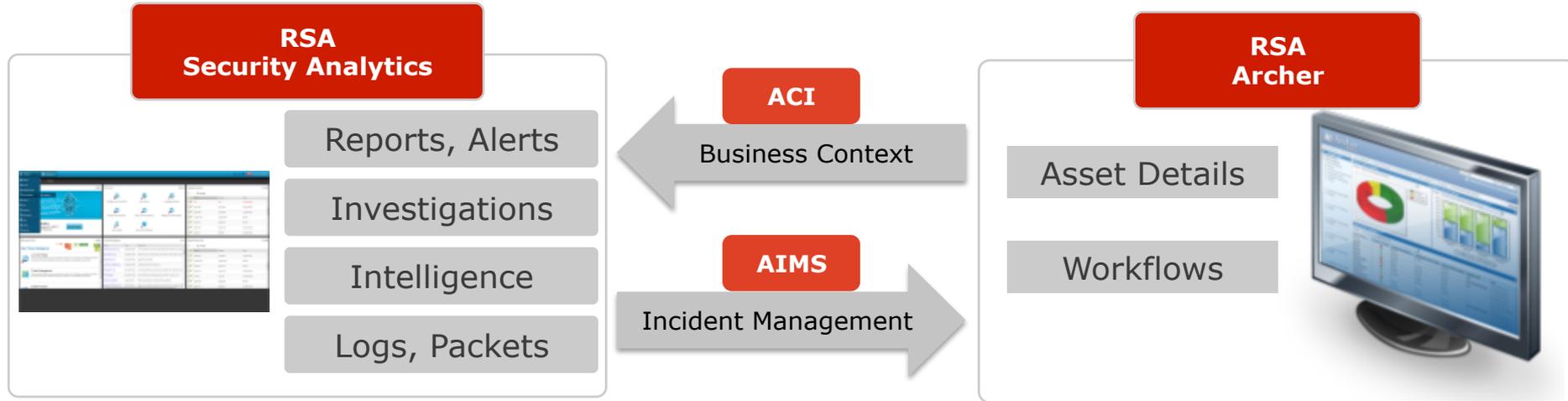
- Out-of-the-box integration with industry leading dynamic malware analysis sandbox
- On premise and cloud-based dynamic analysis modules

RSA Archer & DLP Integrations

Enabling Business Context and
Advanced Incident Management
for RSA Security Analytics



What is ACI and AIMS?



Asset Criticality Intelligence (ACI)

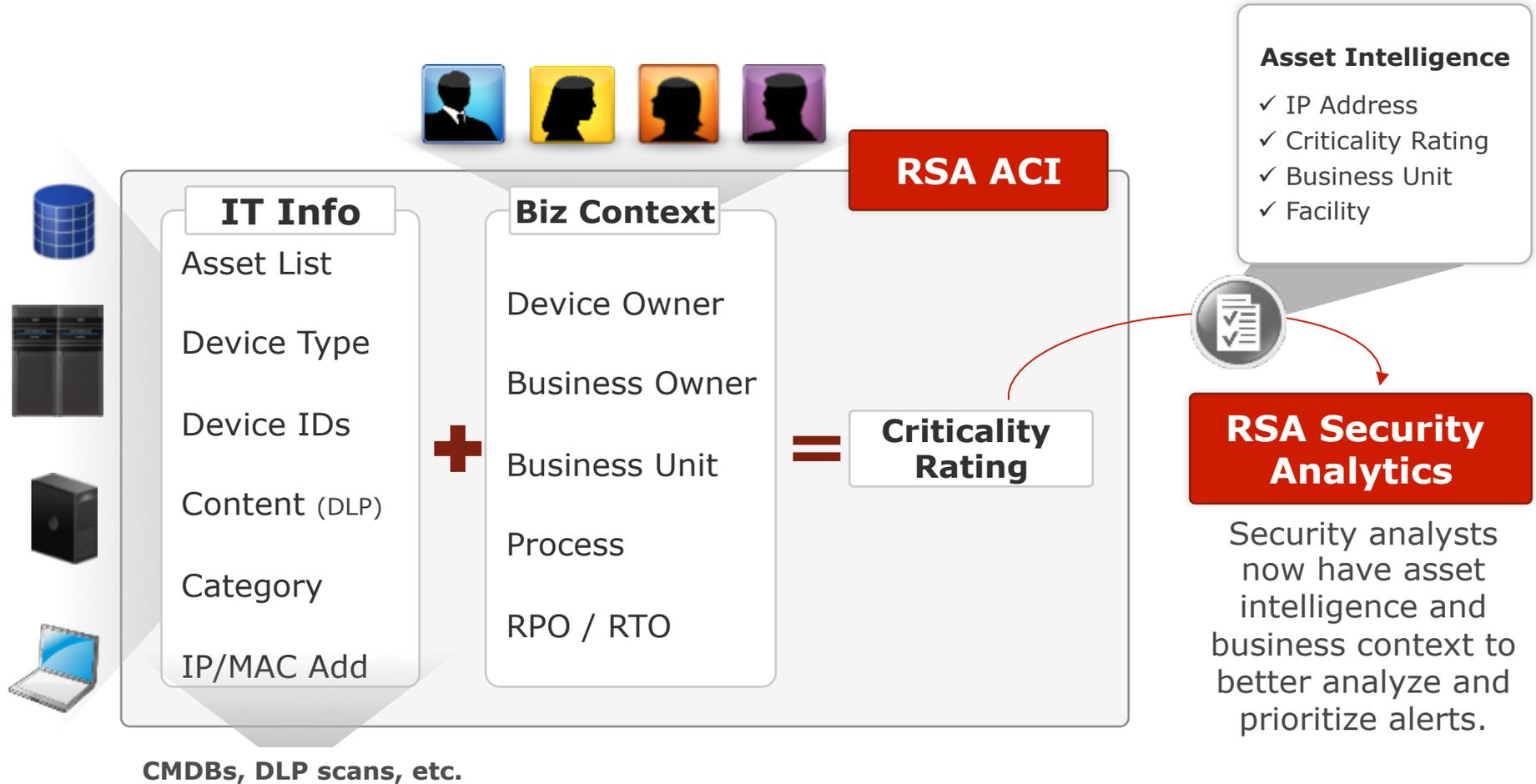
- Business Context to Security Analysts to Prioritize Investigations

Advanced Incident Management for Security (AIMS)

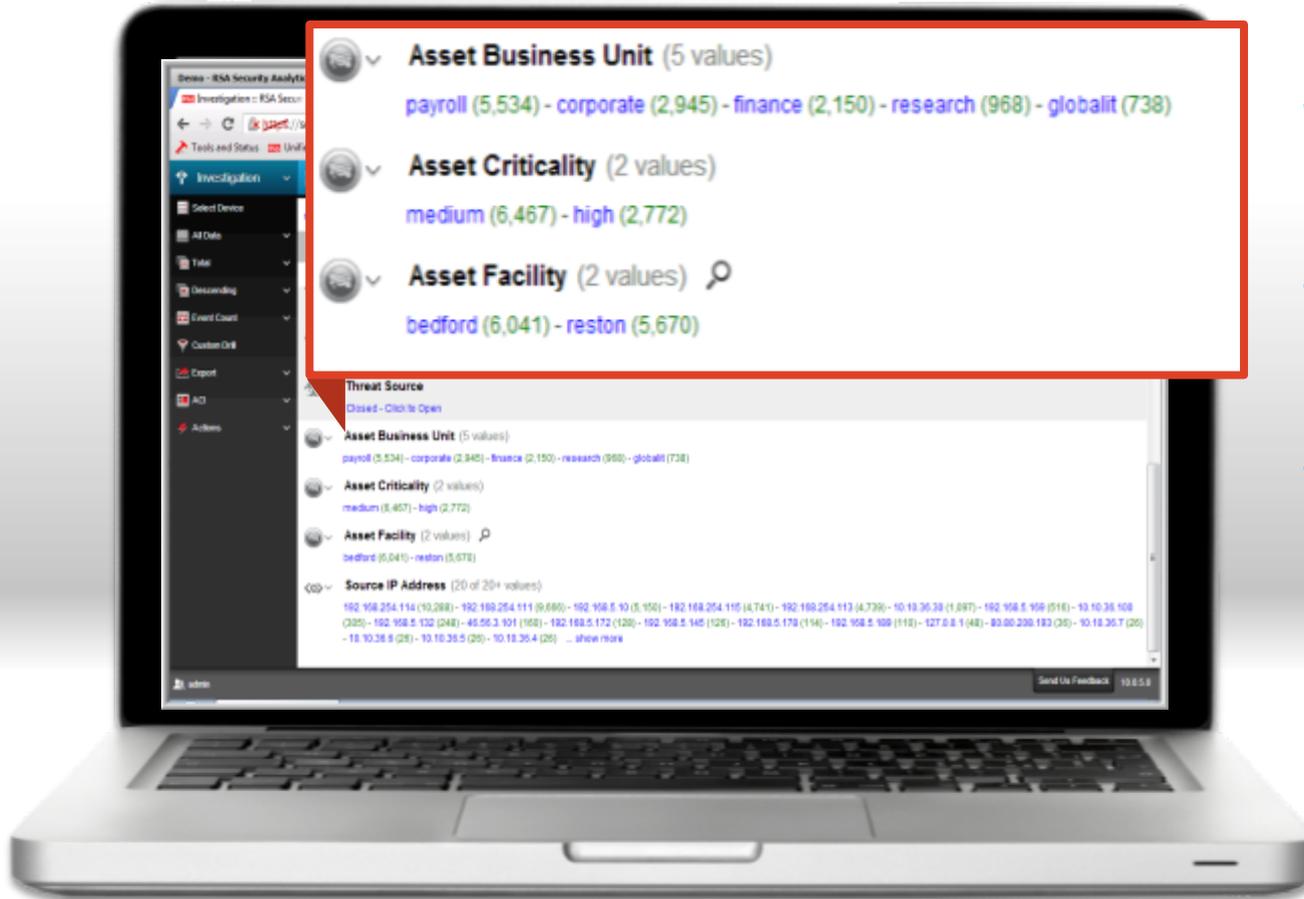
- Automate incident management workflow, effectively track progress and engage key business stakeholders

Asset Criticality Intelligence

Overview



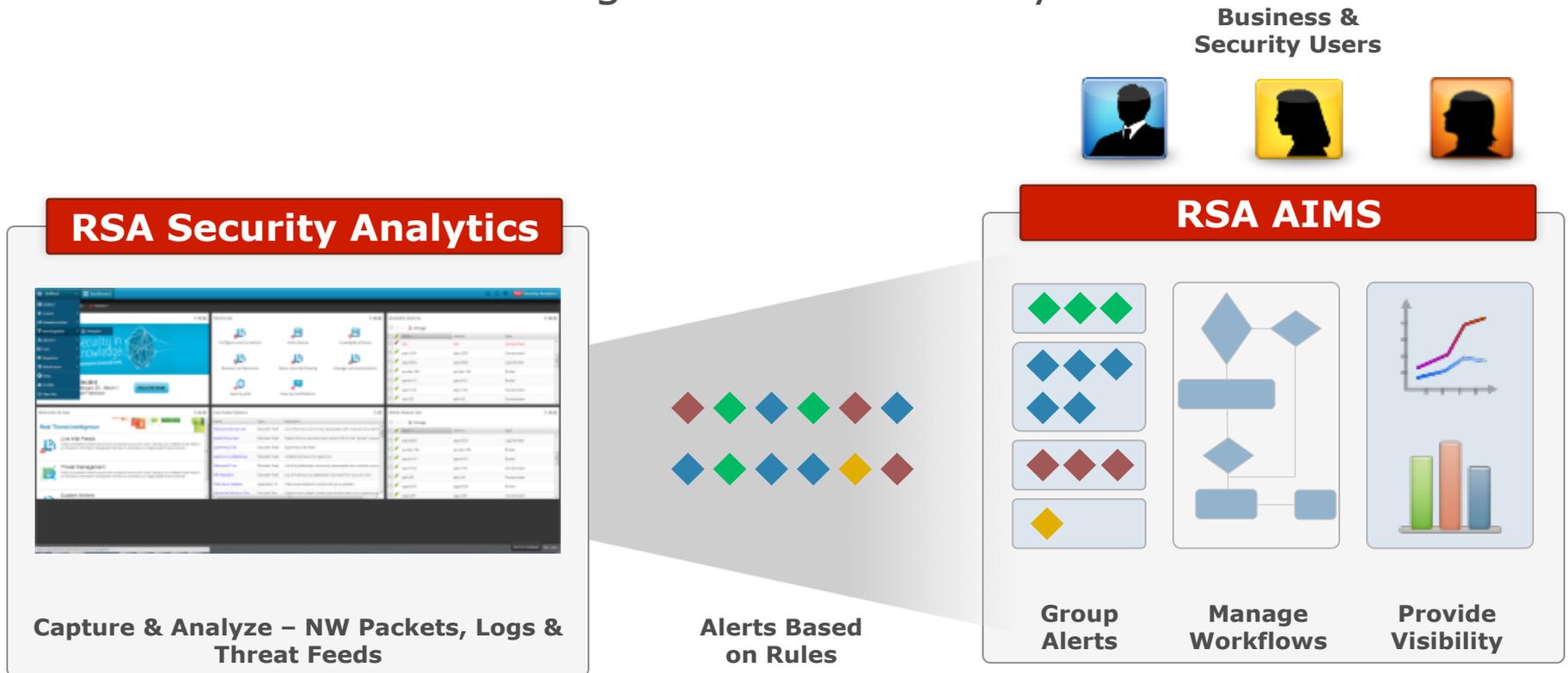
Asset Criticality Intelligence in Security Analytics



- Helps analyst better understand risk
- To prioritize investigation & response
- Asset criticality represented as metadata

RSA AIMS Overview

Advanced Incident Management for Security



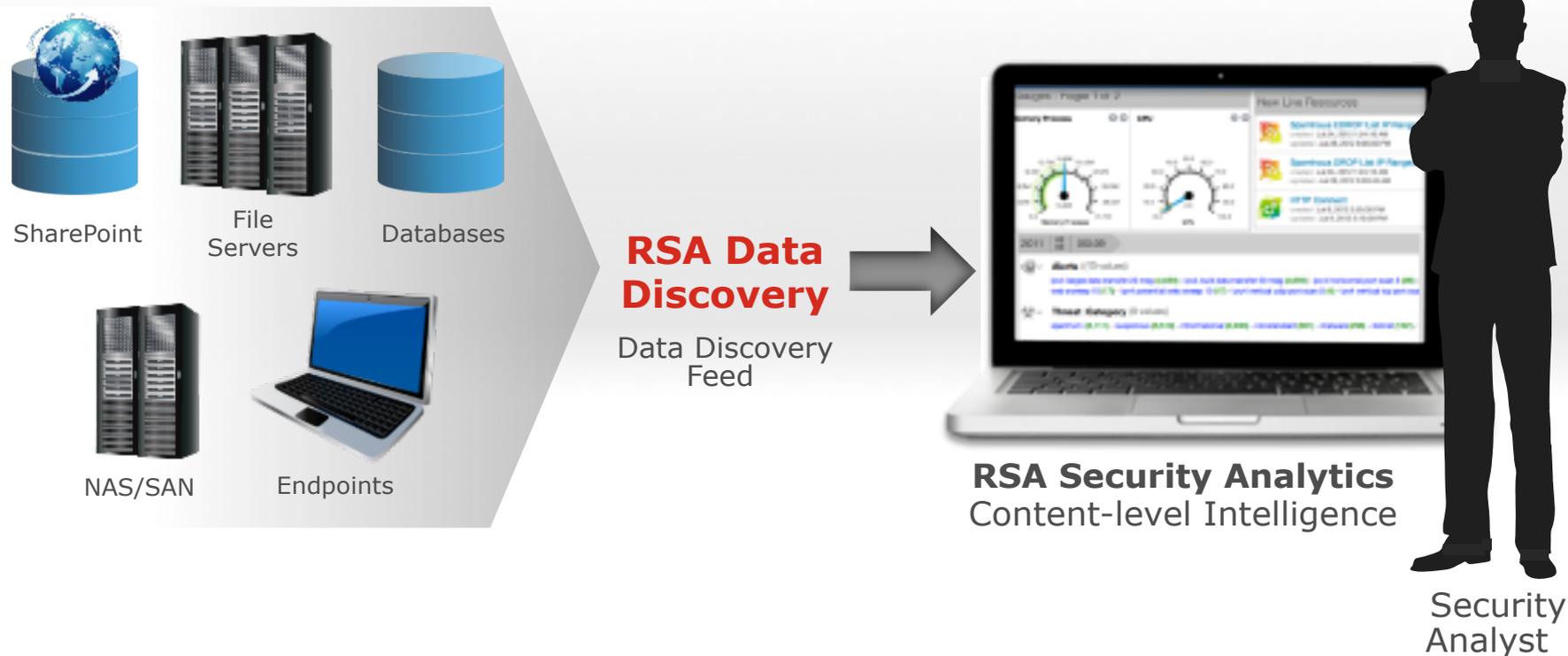
Advanced Incident Management



- Offload response from security analyst
- Enhances management visibility
- Accelerates remediation
- Manage entire incident lifecycle

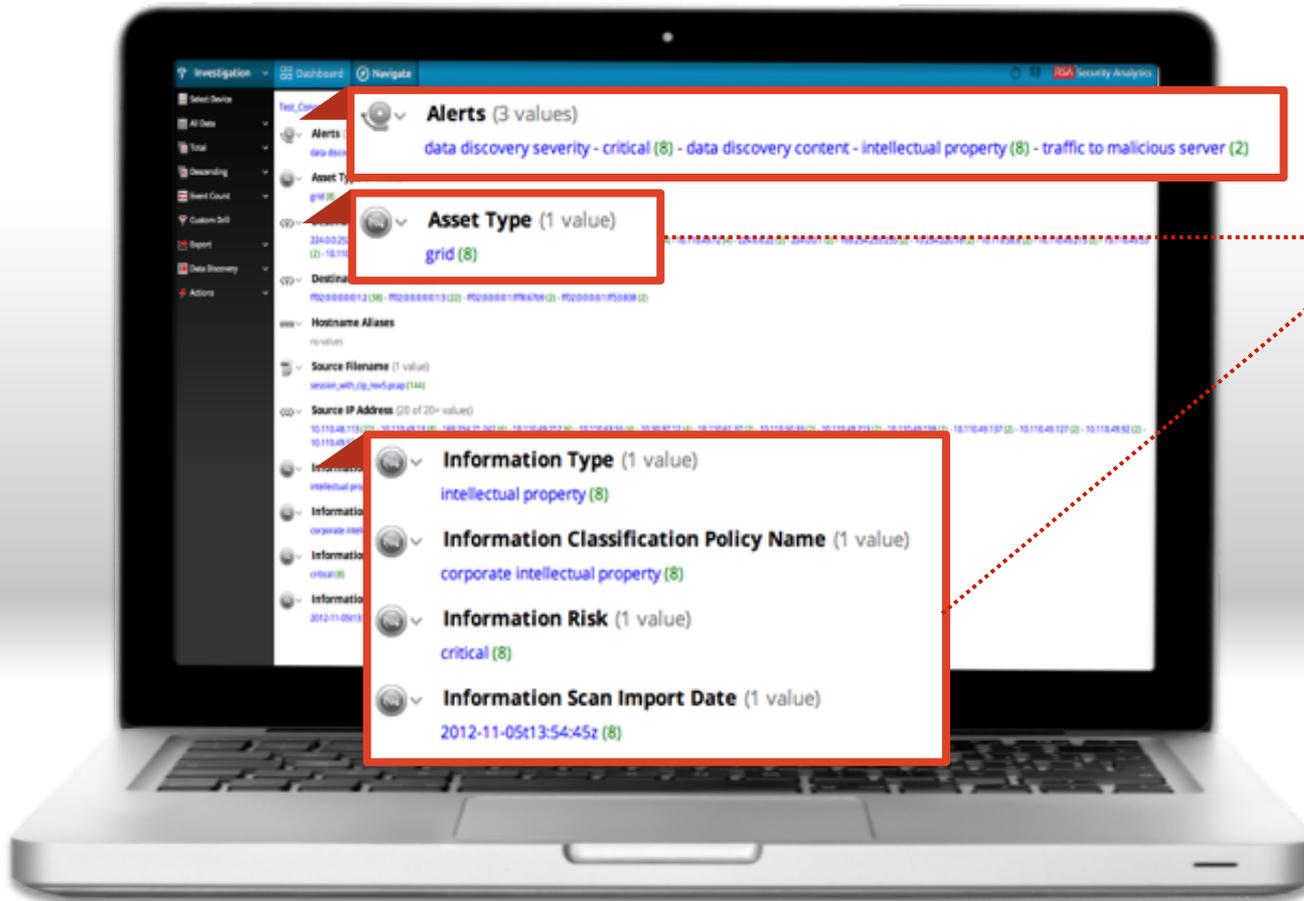
RSA Data Discovery for Security Analytics

Discover sensitive data & improve investigations with DLP



RSA Data Discovery for Security Analytics

Investigative Interface



Data Discovery attributes available in **SA Investigation** UI help Security Analysts identify high risk assets and prioritize investigations

Endpoint Visibility

RSA Security Analytics and RSA
ECAT



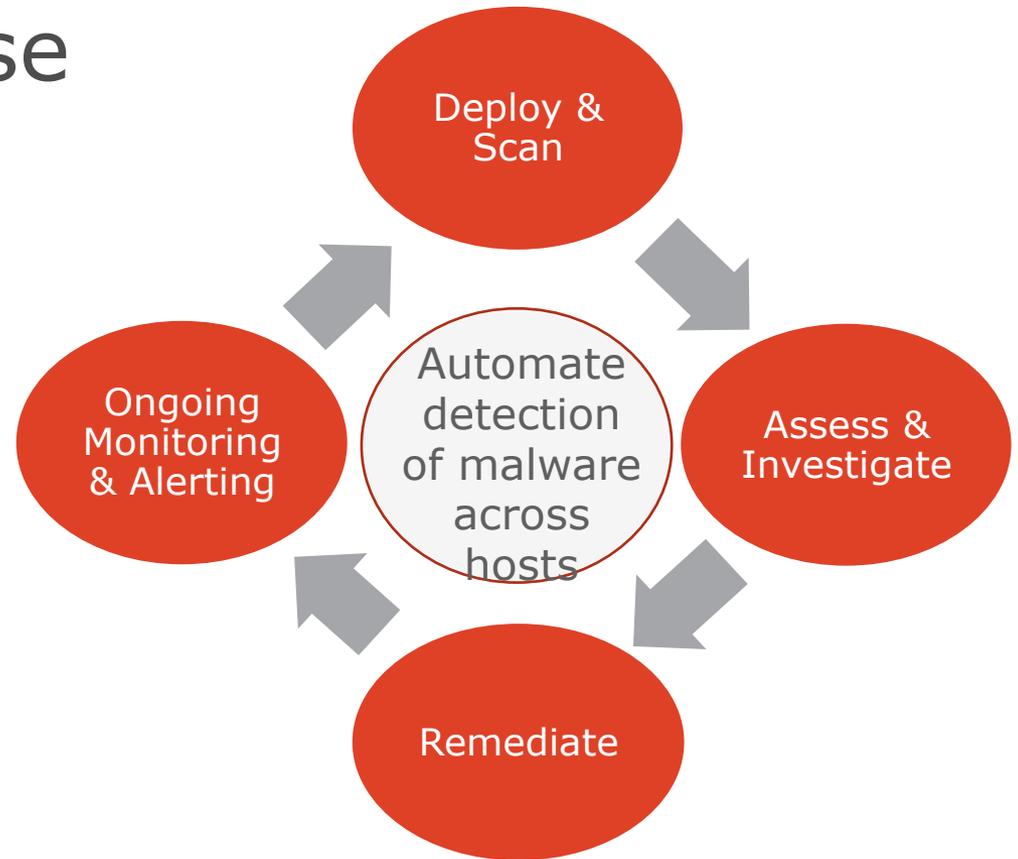
Introducing RSA ECAT

RSA ECAT

- ECAT= **E**nterprise **C**ompromise **A**ssessment **T**ool
 - **Detect, Analyze & Respond** to advanced malware on endpoints
-
- Signature-less malware detection
 - In-depth endpoint visibility
 - Gain actionable intelligence for rapid breach detection
 - Increase SOC/CIRC Efficiency

RSA ECAT: Use Cases

- Incident Response
- Assessments
- Monitoring



How RSA ECAT Works

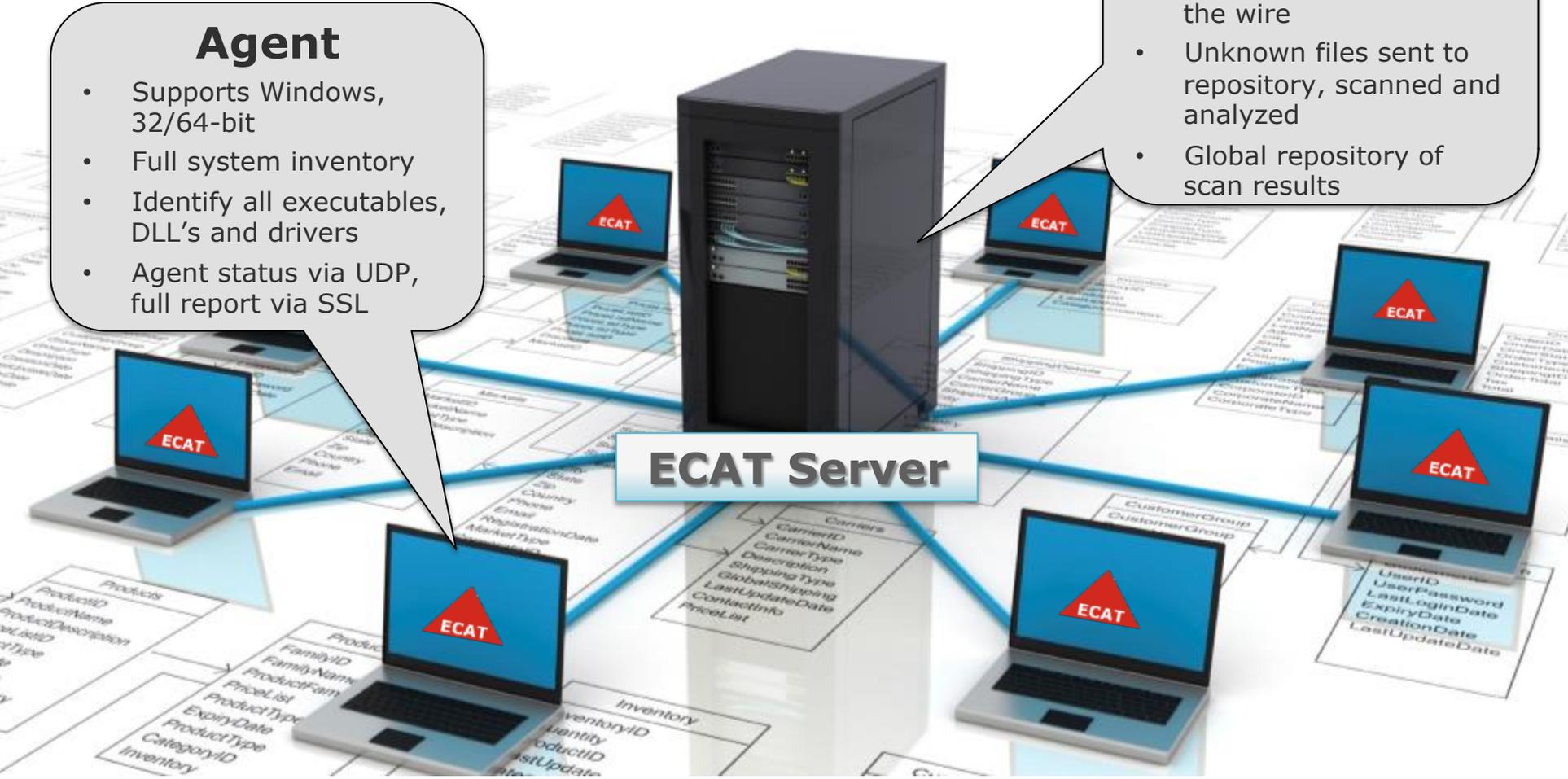
Agent

- Supports Windows, 32/64-bit
- Full system inventory
- Identify all executables, DLL's and drivers
- Agent status via UDP, full report via SSL

Server

- Up to 5K agents
- Scan report 0.5MB on the wire
- Unknown files sent to repository, scanned and analyzed
- Global repository of scan results

ECAT Server



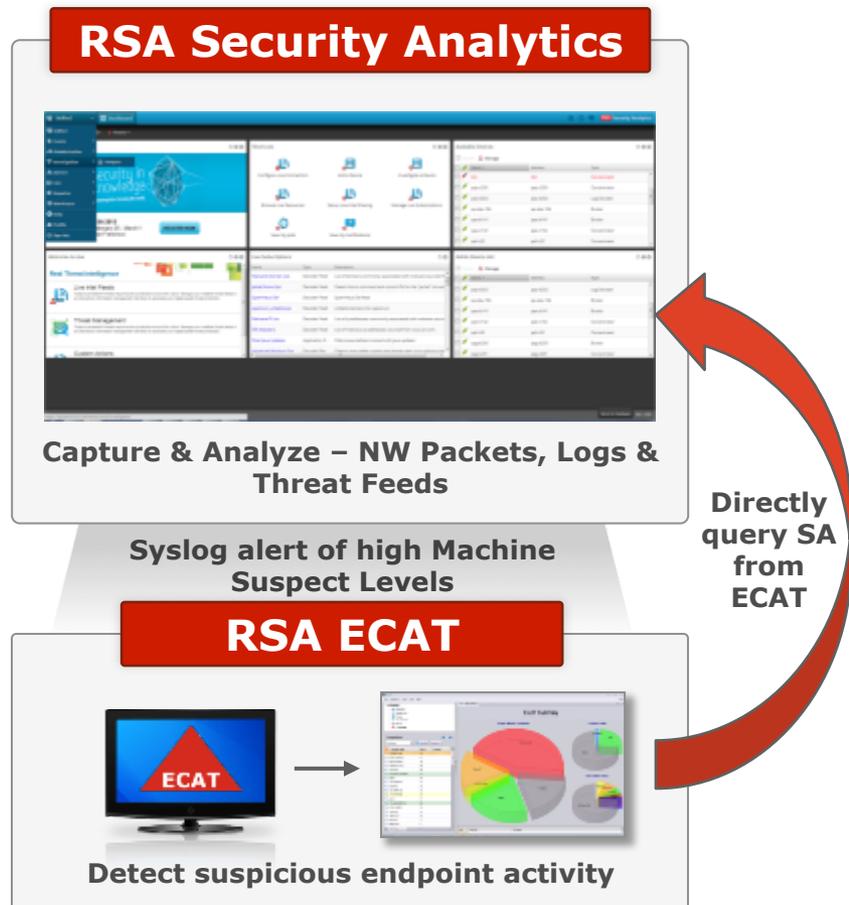
RSA ECAT Key Functionality & Benefits

File Whitelisting
Multi-engine AV scan
Certificate Validation
Network Traffic analysis
Full System Inventory
Direct physical disk inspection
Live Memory Analysis

- X-ray view of what's happening on endpoints
- Identify behavior related to malware
- Highlight likely infections with Machine Suspect Level (MSL)
- Quickly triage results to gain actionable intelligence
- Find other infected machines & gauge scope of breach
- Forensic data gathering

Complete Endpoint & Network Visibility

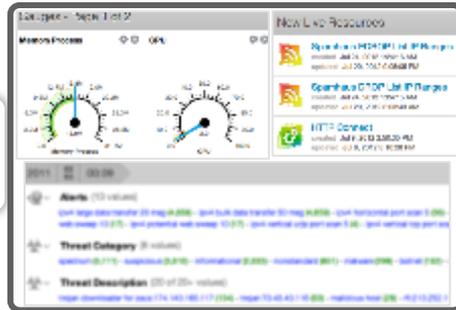
RSA ECAT & RSA Security Analytics



- Advanced threat detection on endpoints
- Complete network and endpoint visibility
- Faster investigations to shorten attacker dwell time

Incident Response

RSA Security Analytics



1

- !** Alert about suspicious network traffic
- Beaconing, connection to known bad IP address, etc.

2

Deploy and Scan

RSA ECAT agent deployed to machine to conduct in-depth scan



3

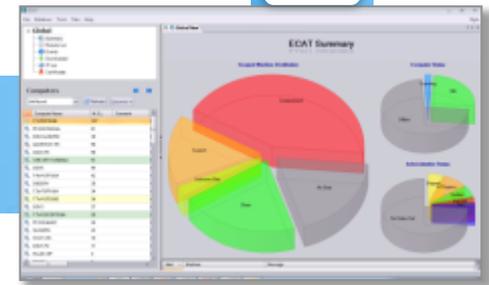
Assess & Investigate

Analyst assesses results in ECAT console to determine if the machine is infected

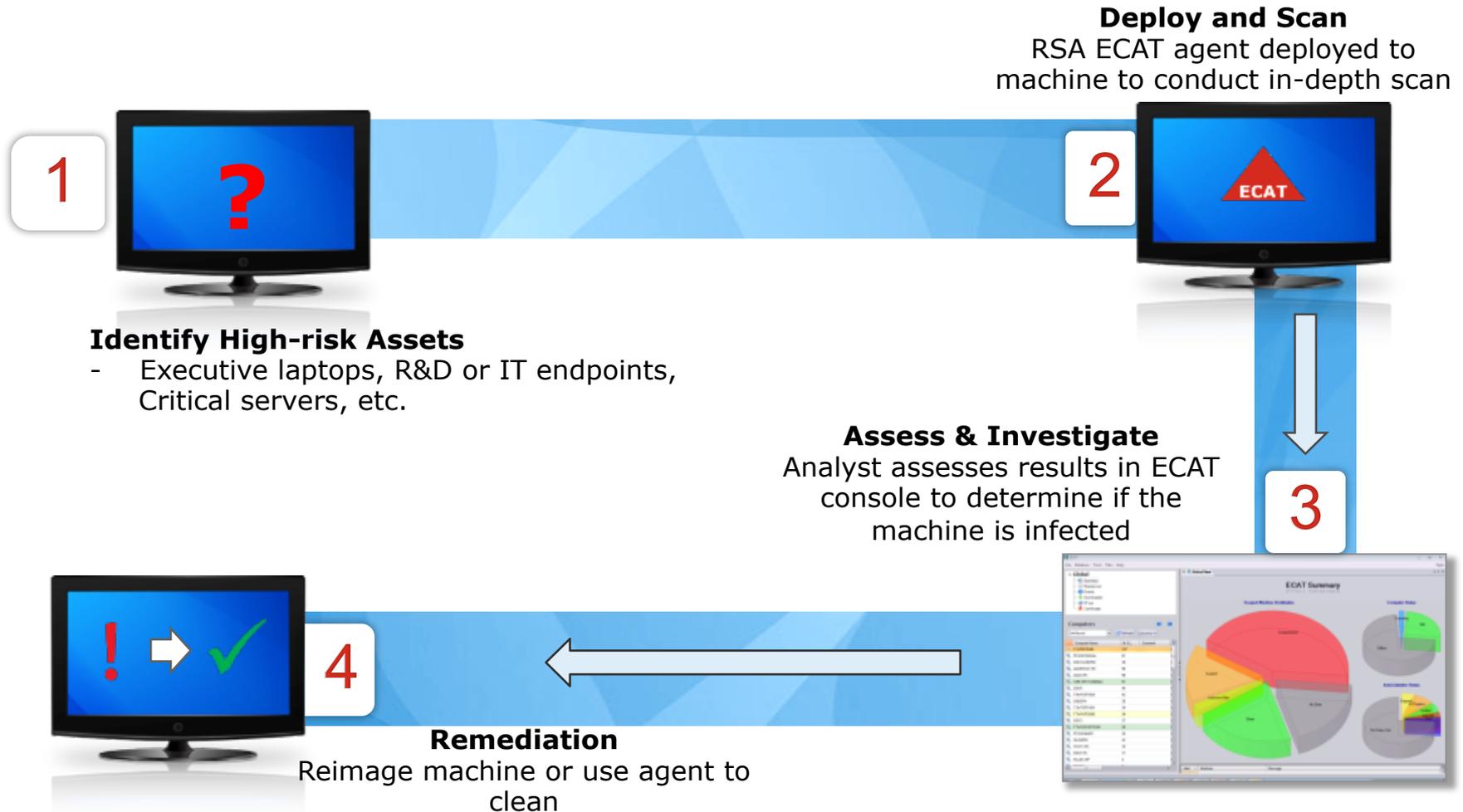
4

Remediation

Reimage machine or use agent to clean



Proactive Assessments





EMC²®