RSA ECAT

Detecting Advanced Threats on Endpoints Faster than Ever Before

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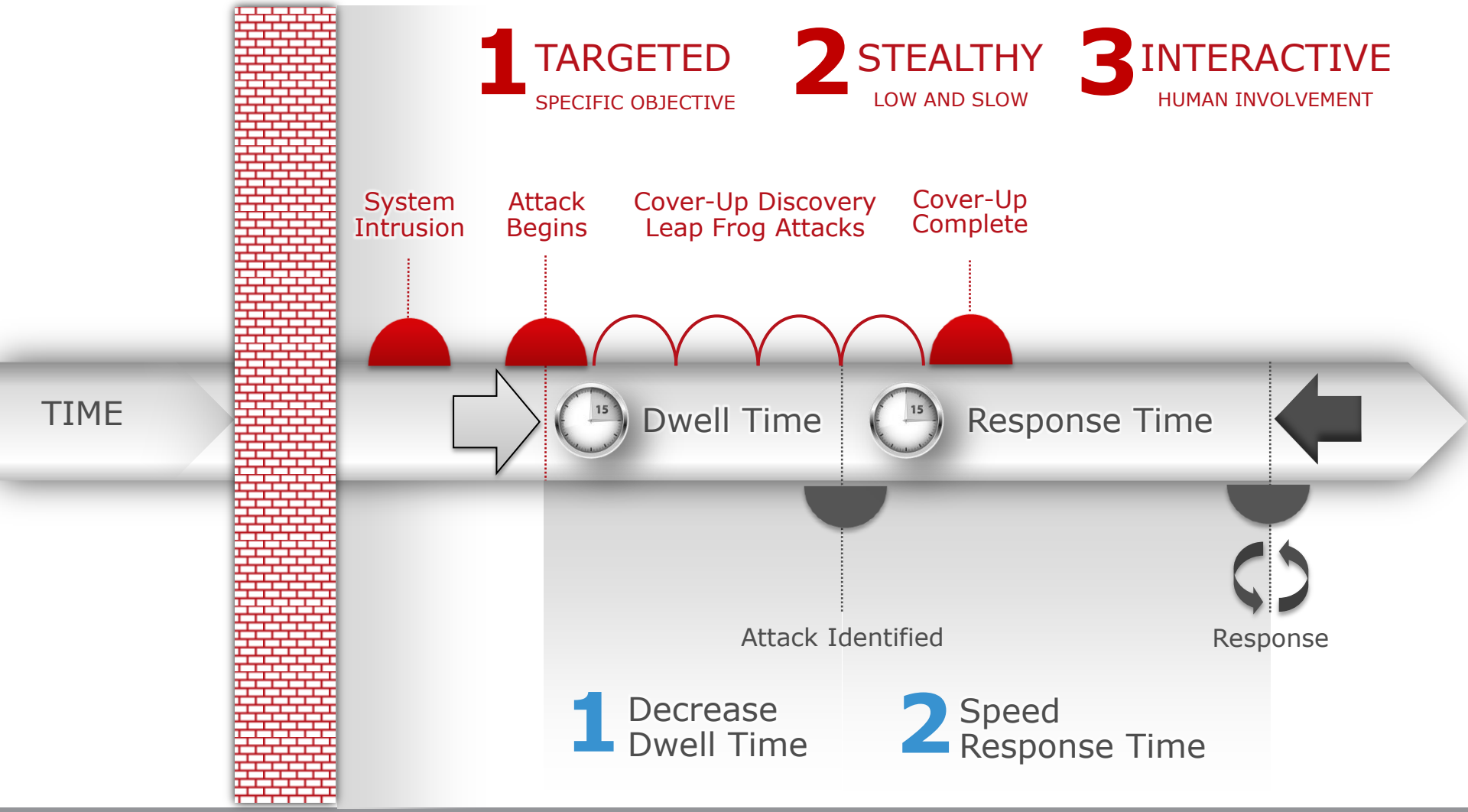
Chad Loeven, Sr. Product Manager
Meghan Risica, Sr. Product Marketing Manager
Mike Zeberlein, Principal Practice Consultant

Agenda

- Today's threat landscape
- What is RSA ECAT and how does it detect advanced threats?
- RSA ECAT in action

Advanced Threats Are Different



Enterprise Security Today

Workstations
Antivirus

AV and other signature-based solutions have been rendered ineffective by targeted attacks

Perimeter security
Firewall, Anti-spam, Gateway A/V, IDS, SIEM, Network security monitoring

- Inline devices can't identify what happened on the host in a compromise

- Bluetooth and WiFi can bypass in-line devices

Internet

Recent Targeted Campaign: VOHO

- What is VOHO?
  - APT campaign in 2012
  - Identified by RSA FirstWatch team
  - Attack method = Water Holing

1,000 unique organizations

35,000 unique hosts

12% rate of compromise

How do you better detect advanced threats like this?

What is RSA ECAT?

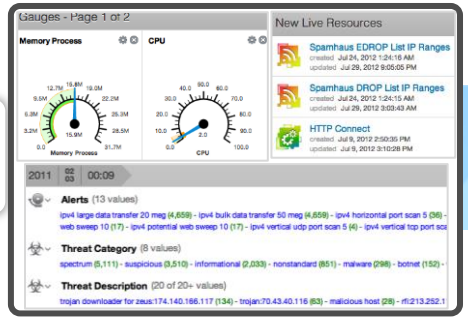
RSA ECAT

- 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 Efficiency

ECAT for Incident Response

RSA Security Analytics



1

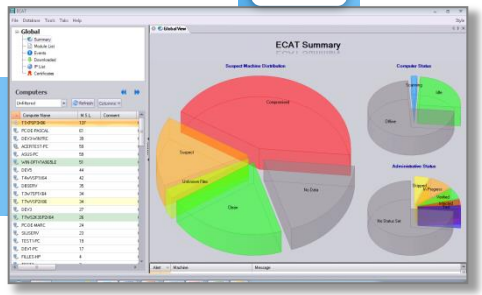
Deploy and Scan
RSA ECAT agent deployed to machine to conduct in-depth scan

2

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

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

3



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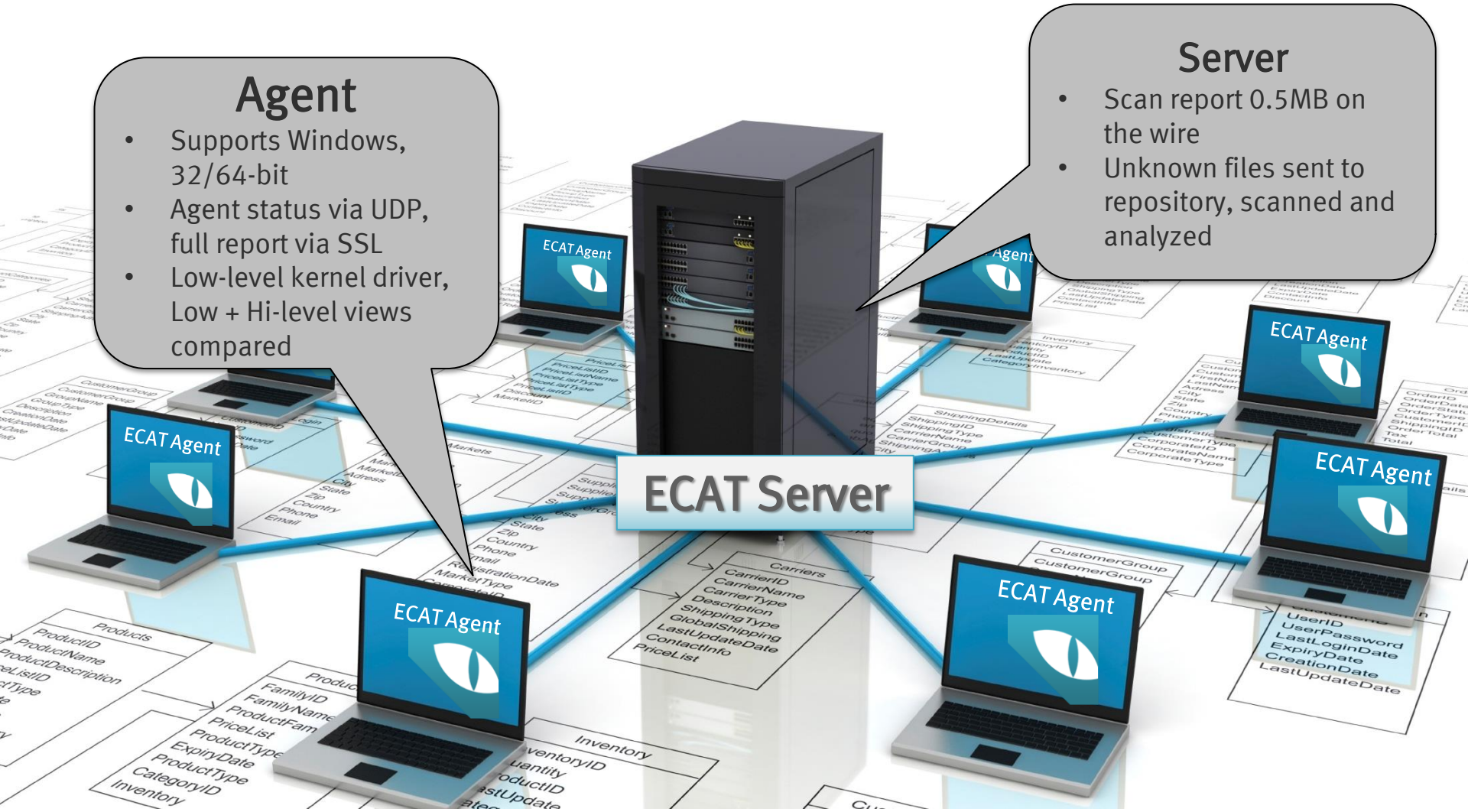
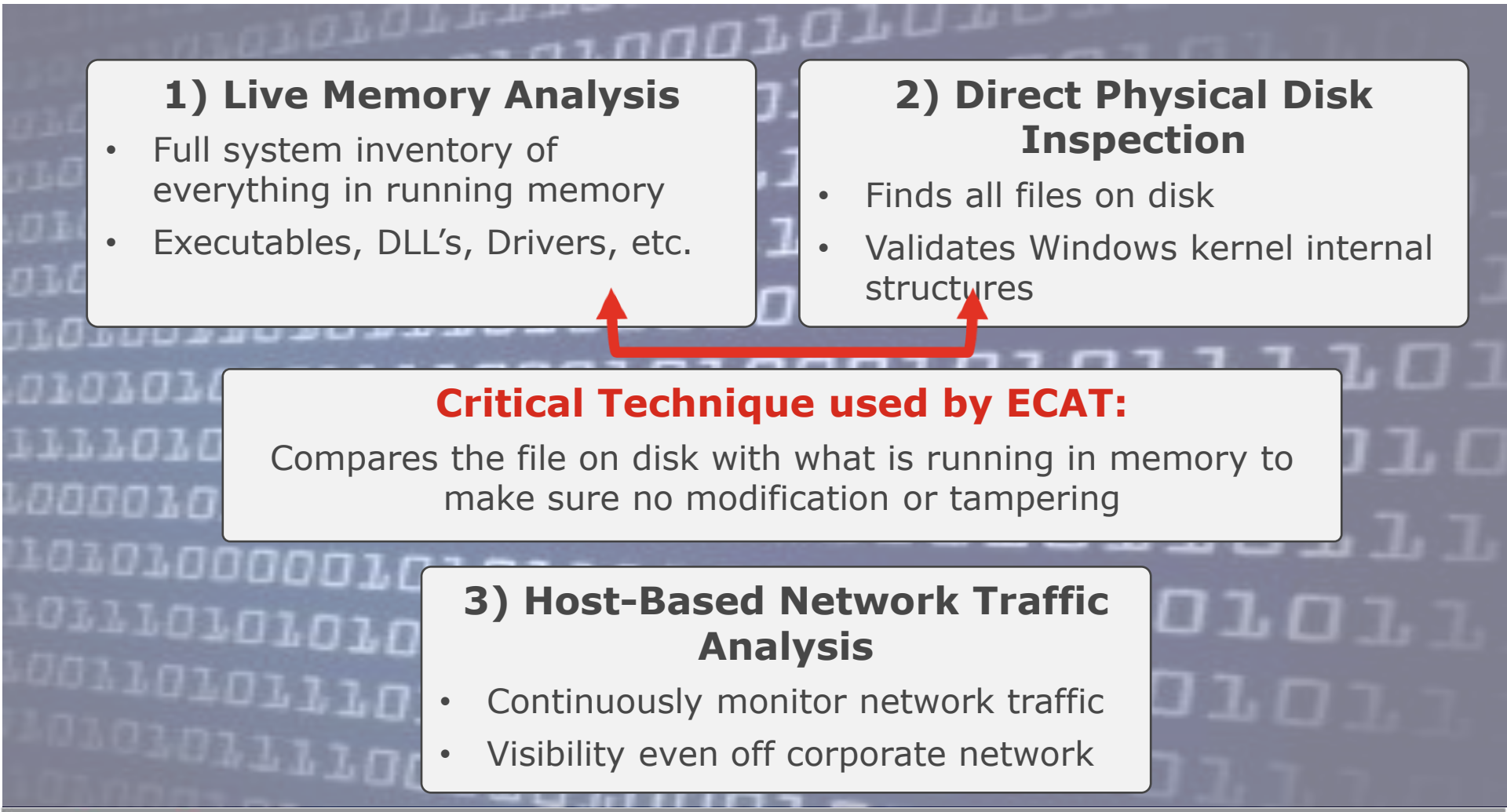
Remediation
Reimage machine or use Hitman Pro agent (3rd party) to clean

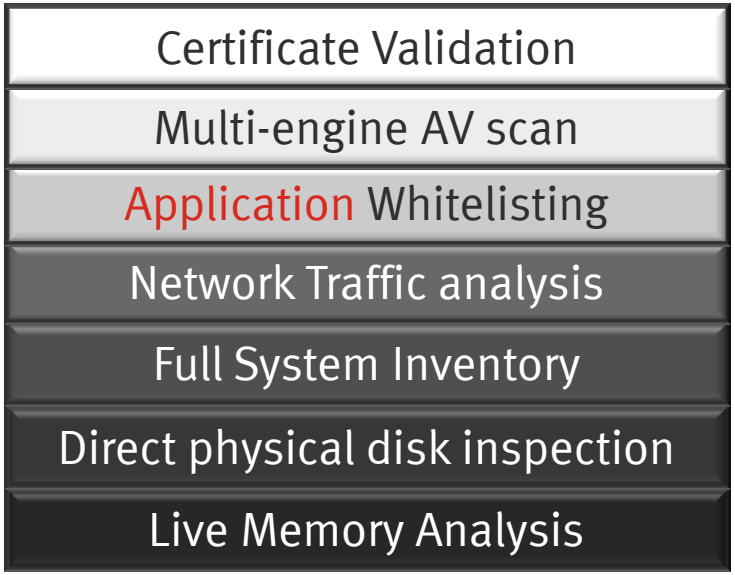
How RSA ECAT Works



RSA ECAT Scan Techniques



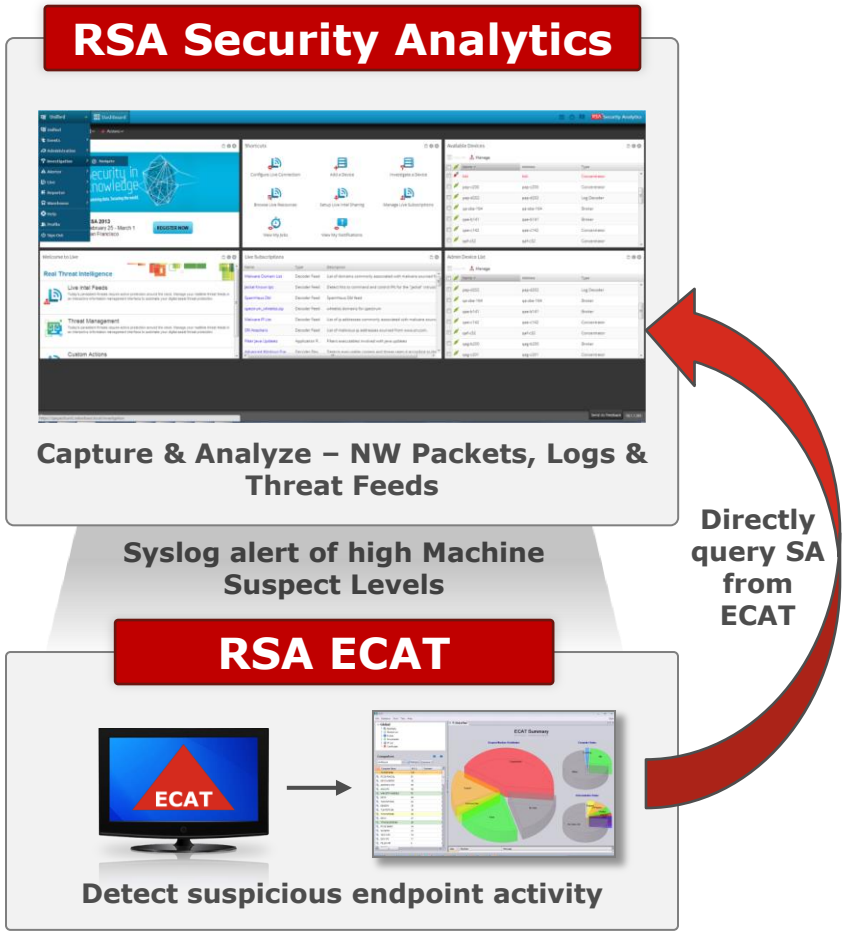
RSA ECAT: Key Functionality



Benefits

- X-ray view of what's happening on hosts
- Identify behavior related to malware
- Highlight likely infections with Machine Suspect Level (MSL)
- Quickly filter through results to gain actionable intelligence
- Triage & find other infected machines
- Remediation & Forensics capabilities

RSA ECAT & RSA Security Analytics



- Detect and Respond to Advanced Threats
- Complete network and host visibility
- Faster investigations to shorten attacker dwell time

RSA ECAT in Action


RSA


EMC²