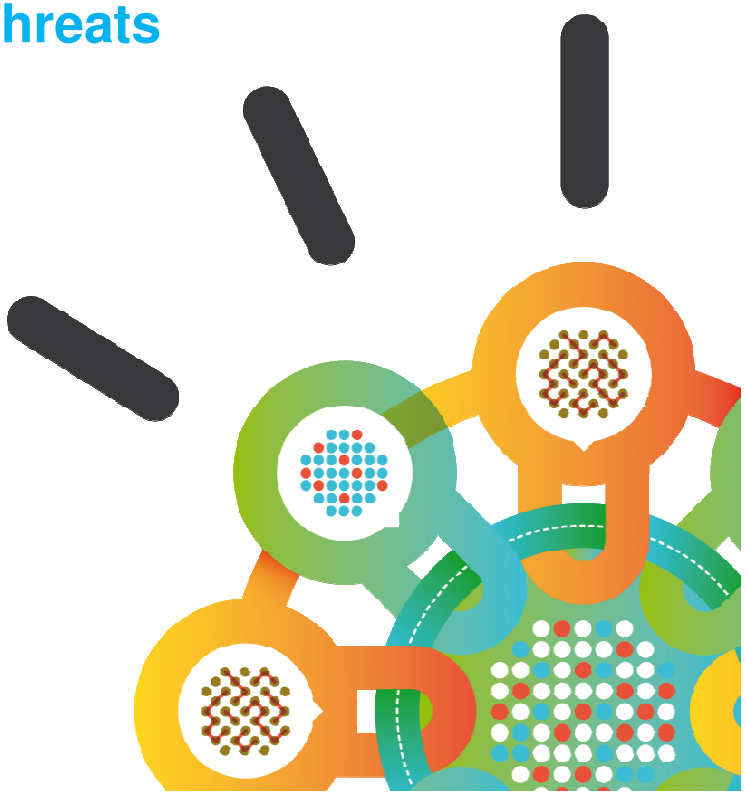
Security Intelligence.
Think Integrated.

Trusteer Apex

IBM Advanced Protection for Advanced Threats

Alexander Schmidt
alex.schmidt@de.ibm.com
+49-(0)172-6837141



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Zielgerichtete Angriffe, Mythos oder Realität?

- Dienstag, 08.04.2014, 18:13 Cyber-Attacken fast verdoppelt, Hacker haben es auf unsere Autoindustrie abgesehen. Die Zahl von Cyber-Angriffen hat sich 2013 fast verdoppelt. Insbesondere die Autoindustrie war Ziel der Attacken. Der Anstieg habe weltweit bei 91 Prozent gelegen, teilte die auf Informationssicherheit spezialisierte US-Firma Symantec am Dienstag mit. Haupt-Ursprungsländer waren demnach die USA und China. In Deutschland war den Angaben zufolge die Automobil-Industrie das attraktivste Ziel für Hacker-Angriffe. Gezielte Cyber-Angriffe waren 2011 und 2012 noch um 42 Prozent angestiegen. Die „große Veränderung“ der vergangenen Jahre sei der Übergang von breiten Cyber-Attacken gegen Millionen Computer auf gezielte Angriffe, sagte Laurent Heslault von Symantec. Die Cyber-Kriminellen nehmen Symantec zufolge vor allem zwei Berufsgruppen ins Visier: Persönliche Assistenten und PR-Mitarbeiter, „um sich Zugang zu Daten von Personen mit interessanterem Profil“ zu verschaffen - Unternehmenschefs oder berühmte Persönlichkeiten. Mittelständische Unternehmen mit 250 bis 500 Angestellten und Firmen mit mehr als 2500 Mitarbeitern standen im Zentrum.

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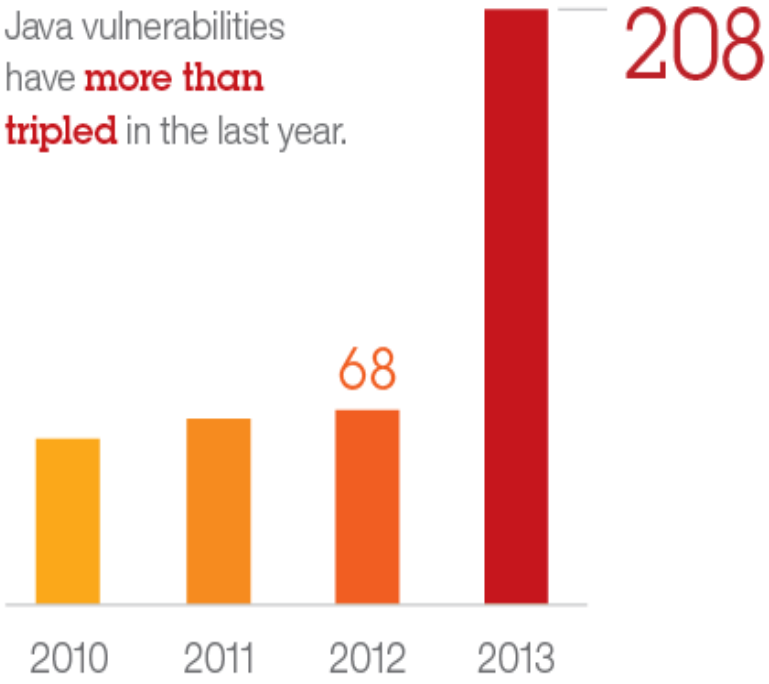
Die Rolle der Applikation

Attackers are targeting Java vulnerabilities over others to exploit end-user applications and infiltrate organizations

Oracle Java is a **top target** for exploits, exposing organizations to attacks.

Java vulnerabilities have **more than tripled** in the last year.



Source: IBM X-Force Threat Intelligence Quarterly - 1Q 2014

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Introducing IBM Trusteer Apex

Re-defining endpoint protection for the advanced threat landscape

Trusteer Fast Facts:

Acquired by IBM August 2013
Adds endpoint protection capabilities to the IBM Security Portfolio

Advanced Threat Defense Leaders
Analyzing and preventing APT's for the last 8 years

Unique Integrations
Integrated into IBM Threat Protection System

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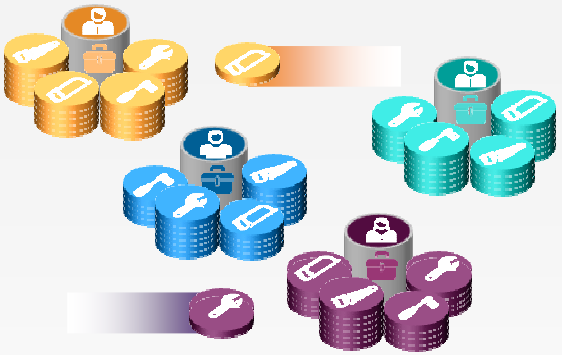
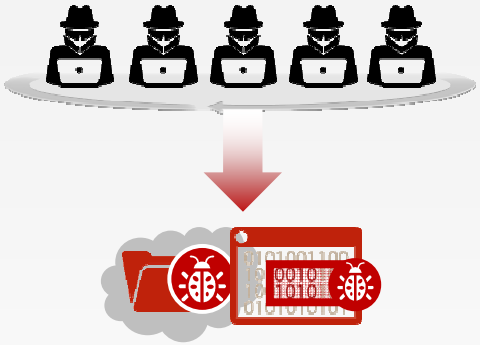
Do you have the right weapons?

Fragmented market with point products



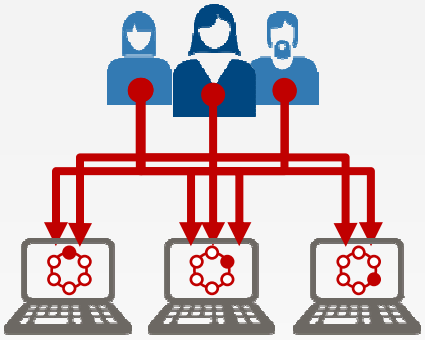
- Endpoint protection market is highly fragmented with many point solutions
  - e.g., Sandboxing, application control, whitelisting

Major security control gaps



- Existing products offer no controls for major attack vectors
  - e.g., Zero-day exploits, applicative Java attacks

Challenging manageability and operations



- Advanced threat solutions are difficult and costly to operate
- Difficult to scale manual remediation processes to thousands of enterprise endpoints
- High false positive rates
- Whitelisting processes on endpoints non-manageable

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Trusteer Apex

Preemptive, low-impact defense for enterprise endpoints

ADVANCED MULTI-LAYERED DEFENSE

Comprehensive endpoint defense against advanced threats

LOW OPERATIONAL IMPACT

Low overhead on IT / security teams, transparent to end users

DYNAMIC INTELLIGENCE

Advanced threat intelligence collected from tens of millions of endpoints

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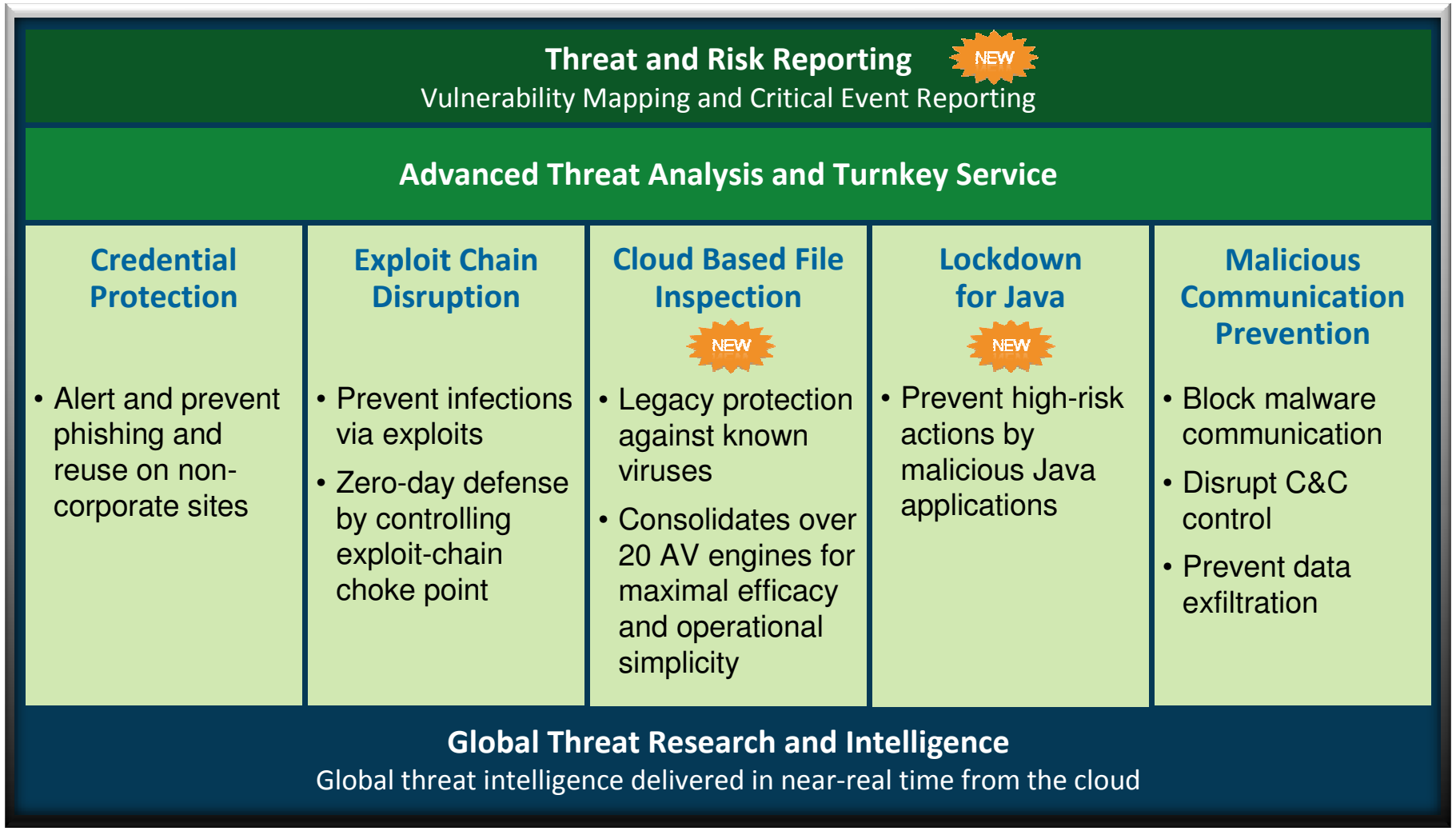
Apex multi-layered defense architecture



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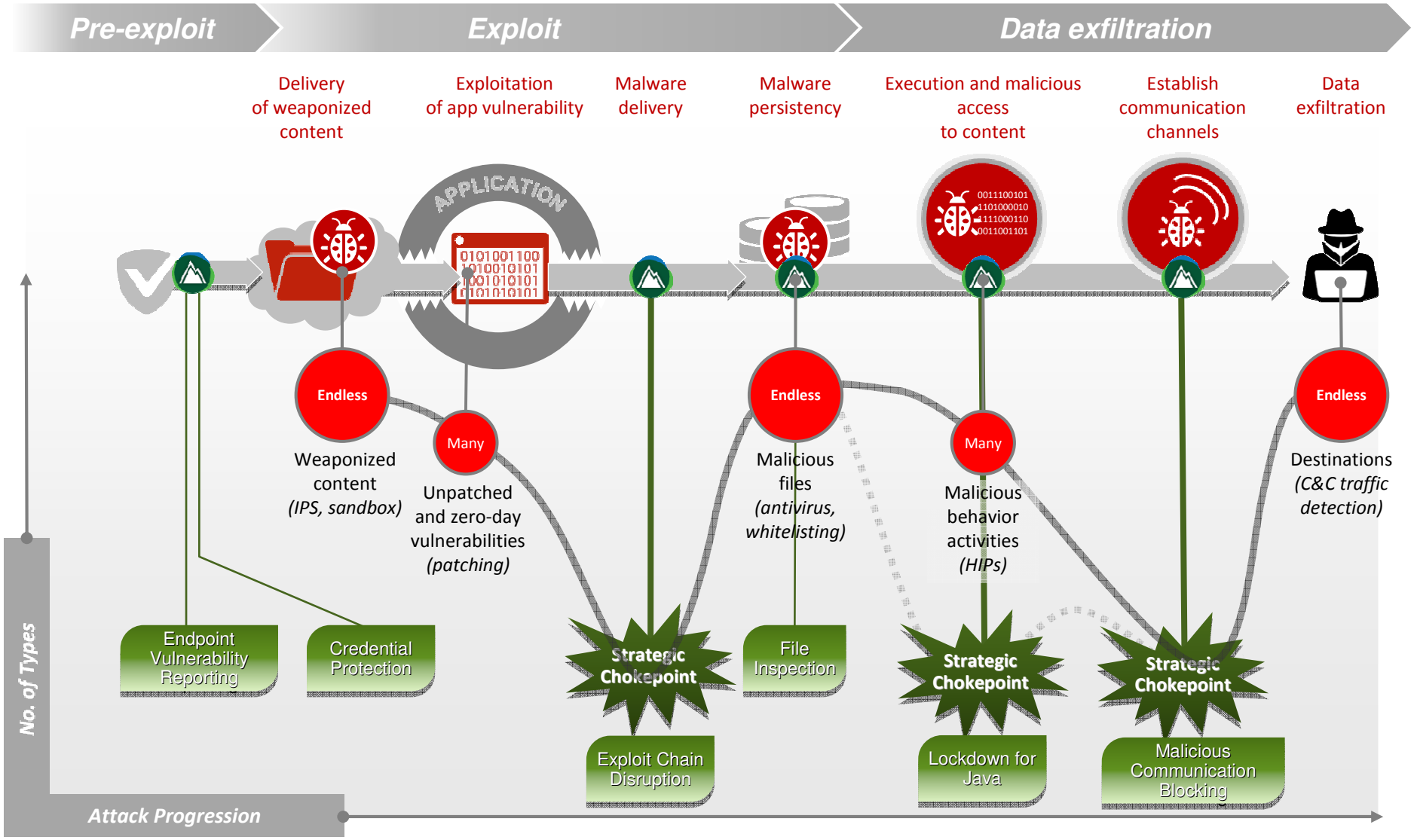
Controlling exploit-chain chokepoints



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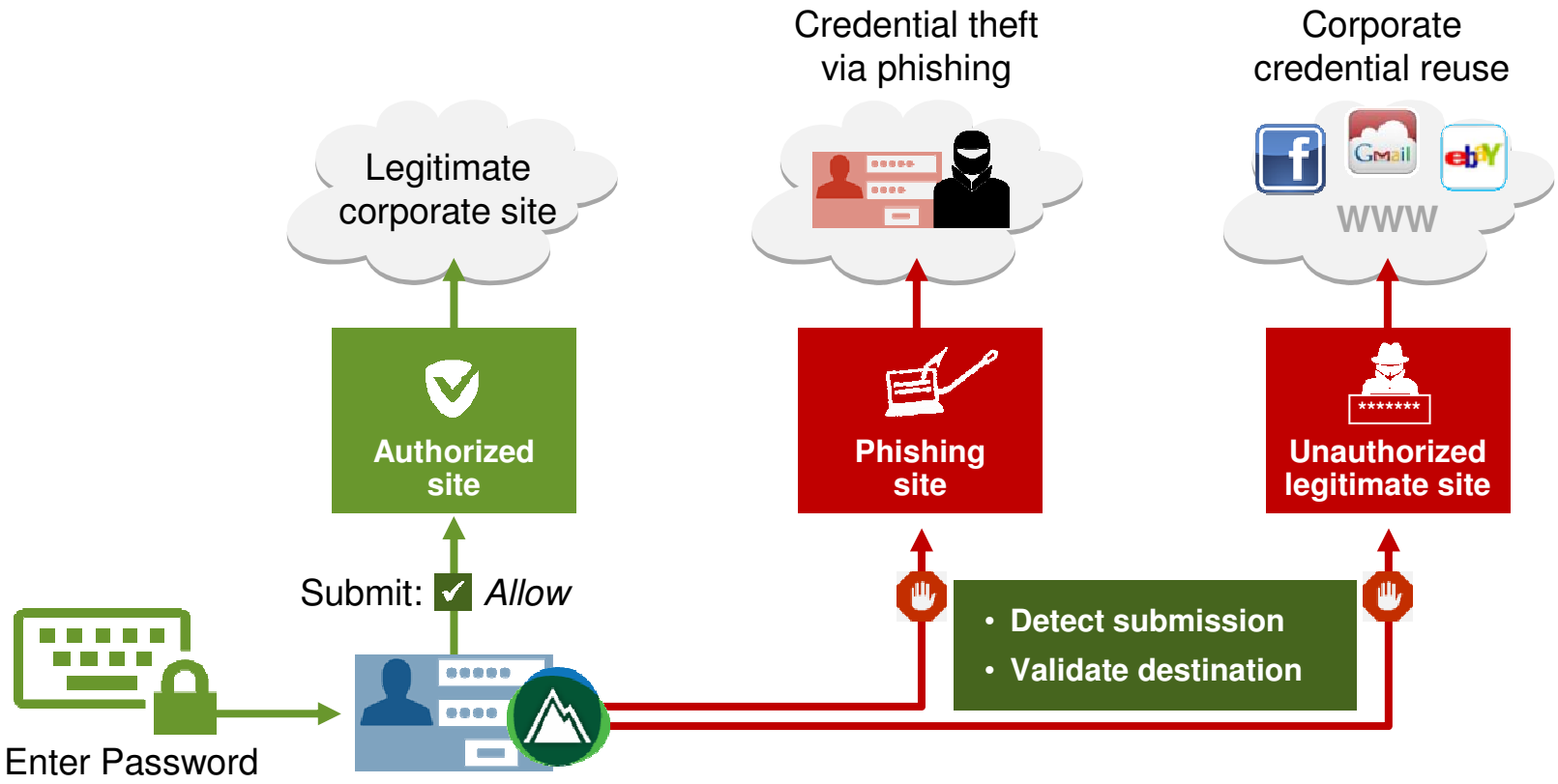
Corporate credentials protection



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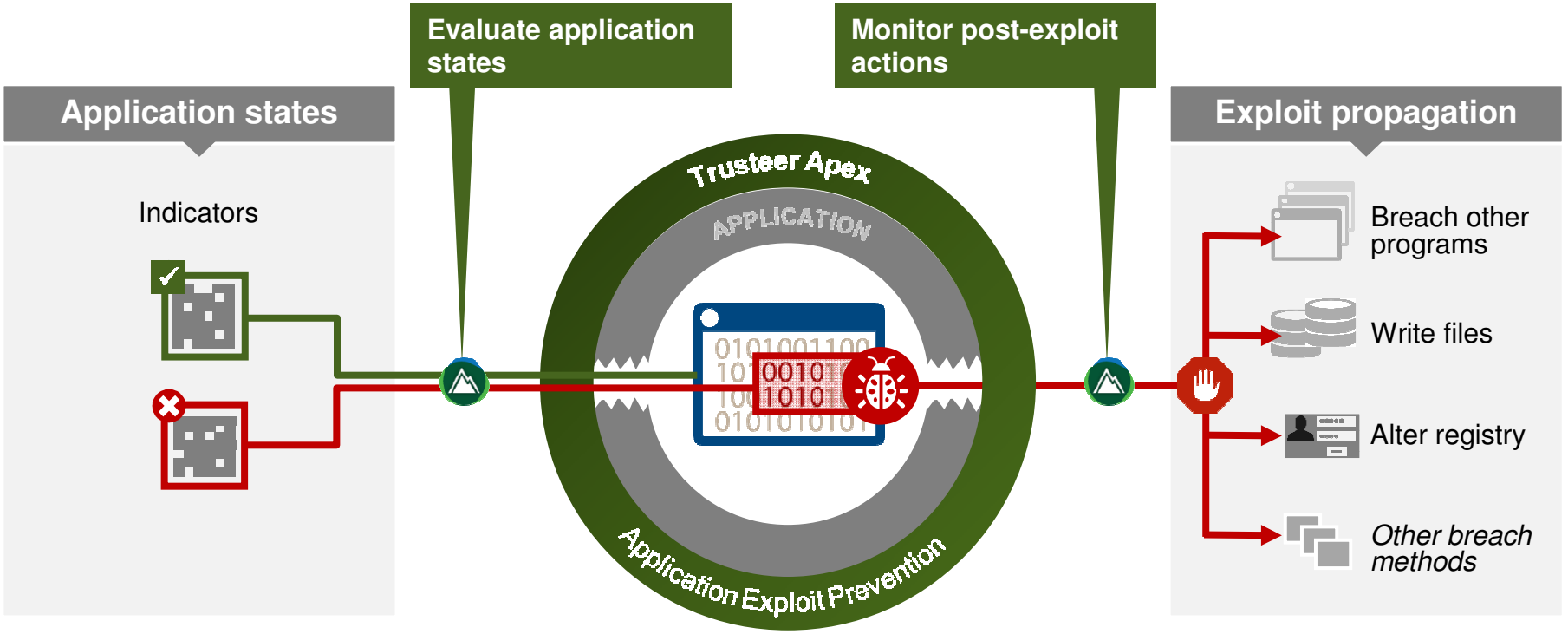
Exploit chain disruption

Block zero day attacks without prior knowledge of the exploit or vulnerability



- Correlate application state with post-exploit actions
- Apply allow / block controls across the exploit chain

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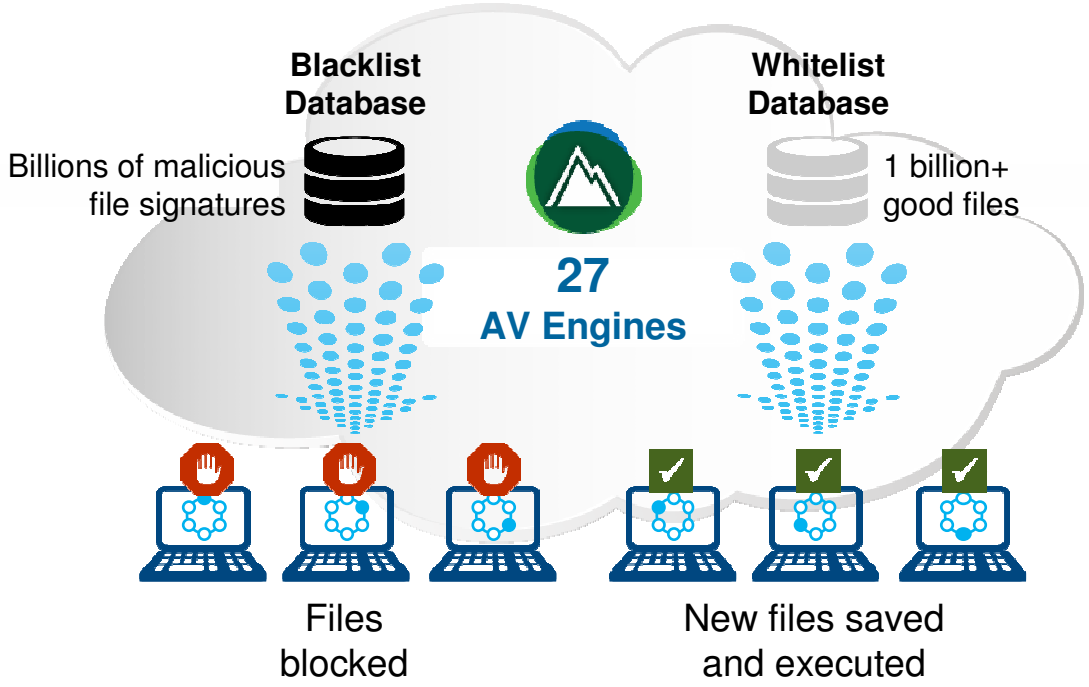
Cloud-based file inspection

Legacy threat protection with improved operability



- No signature file update process to endpoints
- Combined knowledge: As good as the first AV that detects the malware

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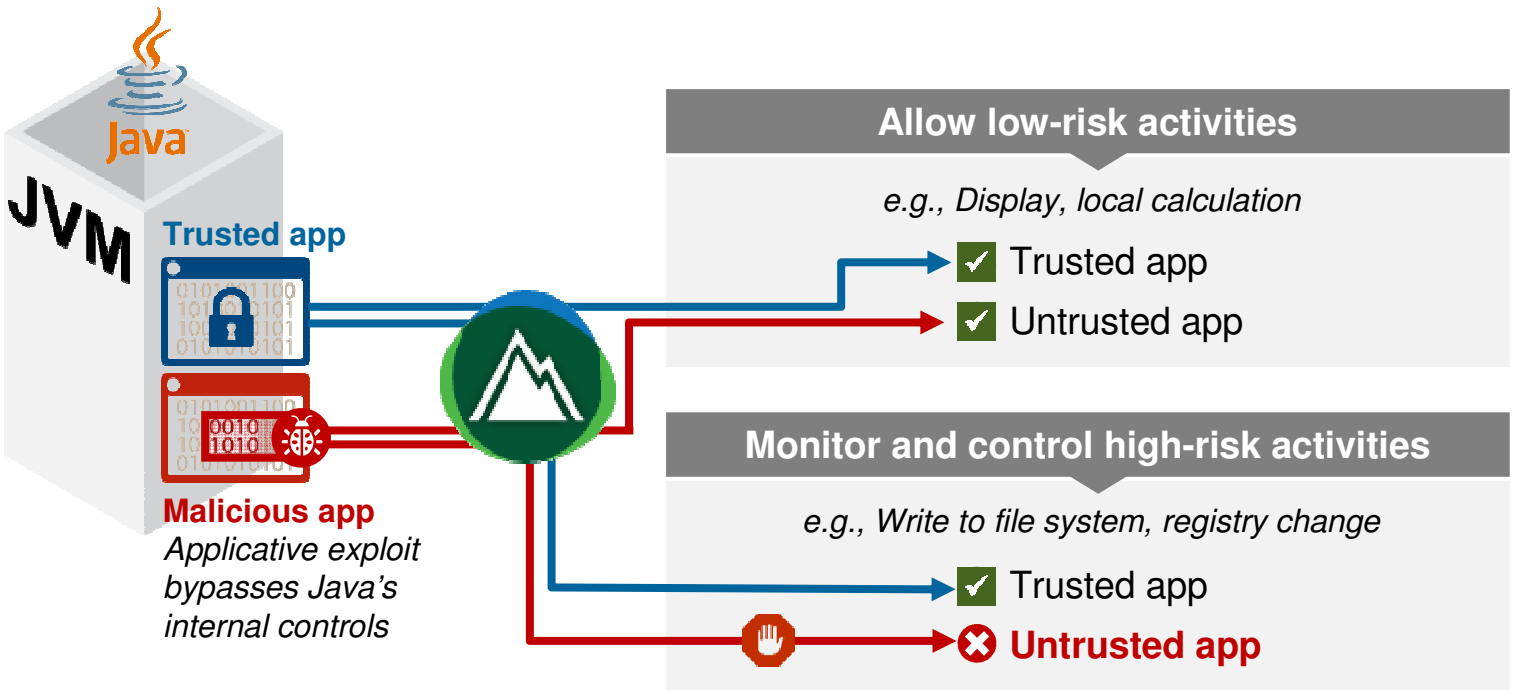
Lockdown for Java

Monitor and control high risk Java application actions



- Malicious code is blocked while legitimate Java applications are allowed
- Trust for specific Java apps is granted by Trusteer / IT administrator

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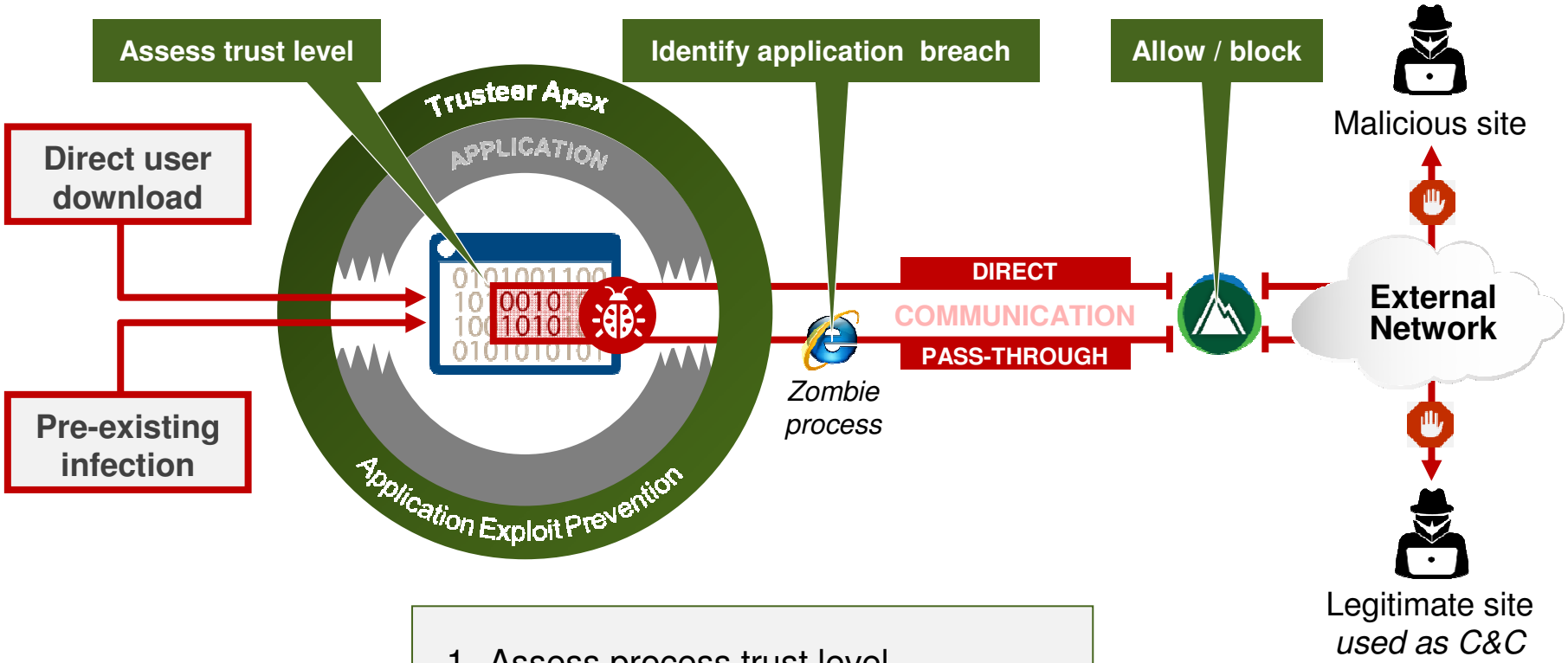
Malicious communication blocking

Block suspicious executables that attempt to compromise other applications or open malicious communication channels



1. Assess process trust level
2. Identify process breach
3. Allow / block external communication

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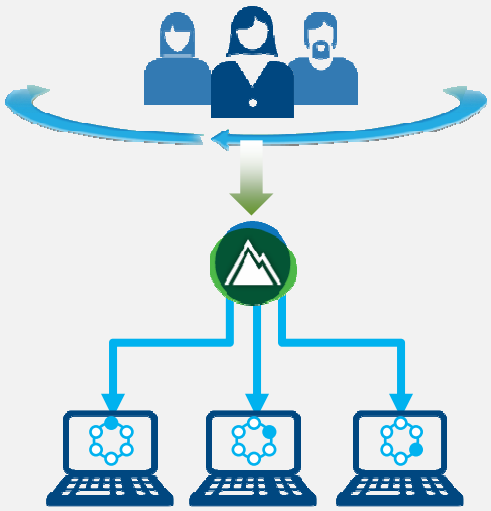
Low operational impact

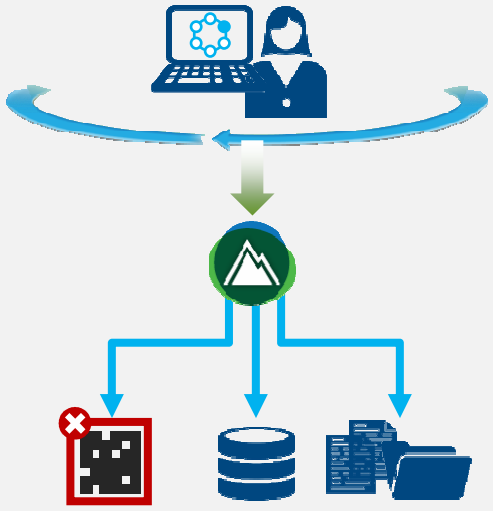
Advanced threat analysis and turnkey service

Low impact to IT security team



Eliminate the traditional security team approach (detect, notify, and manually resolve)

Low-footprint threat prevention



Minimize impact by blocking only the most sensitive actions

Exceptional turnkey service

Centralized risk assessment service

Directly update endpoint users

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Why Apex

Apex is re-defining endpoint protection for advanced threats with a holistic approach:

Advanced Multi-Layered Defense

- ✓ Credential Protections
- ✓ Exploit Chain Disruption
- ✓ Lockdown for Java
- ✓ Malicious Communication Blocking
- ✓ Cloud-Based File Inspection
- ✓ Endpoint Vulnerability Reporting

Low Operational Impact

- ✓ Low impact to IT security team
- ✓ Low-footprint threat prevention
- ✓ Exceptional turnkey service

Dynamic Intelligence

- ✓ Combines the renowned expertise of X-Force with Trusteer malware research
- ✓ >100 million endpoints collecting intelligence
- ✓ Protections dynamically updated near real-time