

Trusteer and Imperva Joint Solution Brief

Integration of the Imperva SecureSphere Web Application Firewall with Trusteer Pinpoint

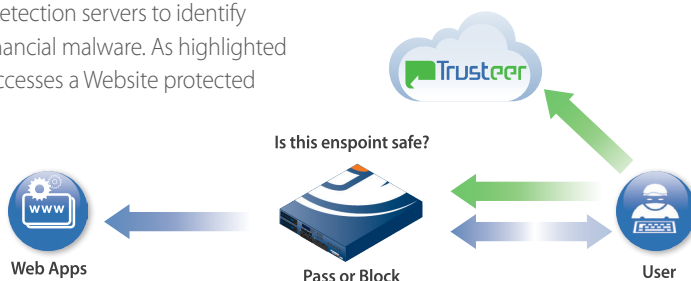
Imperva has partnered with Trusteer, the leader in endpoint cybercrime prevention, to help businesses stop malware-driven fraud. ThreatRadar Fraud Prevention (i.e. the Trusteer Pinpoint integration), an add-on service to the SecureSphere Web Application Firewall, allows businesses to detect Web users infected with malware and change business flows to stop fraud. This integration accelerates time-to-security and eliminates application development costs—not only by streamlining initial fraud prevention deployment, but also by allowing companies to update fraud enforcement policies without modifying Web application code.

Integrated Fraud and Web Application Firewall Management

The SecureSphere Web Application Firewall (WAF) provides powerful custom policies that can correlate multiple attributes for more accurate attack protection. With the Trusteer Pinpoint integration, one of those attributes can be a malware-driven fraud indicator. By combining Trusteer Pinpoint with Web application security policies, organizations can build fraud detection rules that analyze factors such as the geographic location of the user, the reputation of the user, anomalous user behavior, and more, before triggering a violation. In addition, SecureSphere decouples fraud detection from enforcement. That means an infected client can be allowed to log in to an application, but SecureSphere can restrict sensitive transactions or force users to perform additional authentication later in the session. This can reduce fraud risk without preventing a user from accessing their account.

Fraud Prevention with Imperva SecureSphere and Trusteer Pinpoint

The Imperva SecureSphere WAF integrates seamlessly with Trusteer's cloud-based fraud detection servers to identify client devices infected with financial malware. As highlighted in the diagram, when a user accesses a Website protected by SecureSphere, SecureSphere redirects the user's browser to Trusteer's servers. The browser transparently downloads Trusteer Pinpoint, which inspects the client device for malware. Trusteer sends the results of the analysis to the SecureSphere WAF, which can use the results to enforce security policies.



Detailed Security Alerts and Reports for Forensics

SecureSphere offers clear, comprehensive security alerts out-of-the-box. These alerts, which capture the full Web request, the Web server response code, source IP address, time and other user details, allow fraud investigators to analyze fraudulent events with ease. More importantly, SecureSphere can track the user name of infected clients, making it easy to follow up with compromised end users. Graphical reports summarize fraudulent activity.



Integration Benefits

- ▶ Block malware based attacks targeting online banking and other online financial services
- ▶ Maintain brand image and customer loyalty by preventing malware-driven fraudulent activity
- ▶ Correlate malware-driven fraud and WAF policies for granular identification and blocking of illicit activity
- ▶ Rapidly provision Web fraud security, avoiding manual application integration
- ▶ Quickly enforce fraud protection using intuitive Web-based policies
- ▶ Allow out-of-the-box integration of malware detection alerts to elevate risk in 3rd party risk engines



Trusteer Pinpoint

Trusteer Pinpoint for Malware Detection is a clientless malware detection solution that accurately detects web sessions originating from malware infected devices. Trusteer

Pinpoint determines malware configuration and the threat it represents to the business. Organizations receive alerts on risky web transactions and can take action to prevent potential fraud.

Trusteer Pinpoint is completely transparent to users and does not require any installation of software on the endpoint. Besides detecting malware infection, Trusteer Pinpoint provides additional details on the injection such as the specific malware kit—for example, Zeus or SpyEye. Trusteer Pinpoint:

- ▶ Remotely Detects Malware Infected Devices
- ▶ Determines Malware Configuration
- ▶ Tags Devices Used By Fraudsters
- ▶ Offers Threat Intelligence for Adaptive Protection
- ▶ Provides Alerts and Reporting
- ▶ Complements Trusteer Rapport



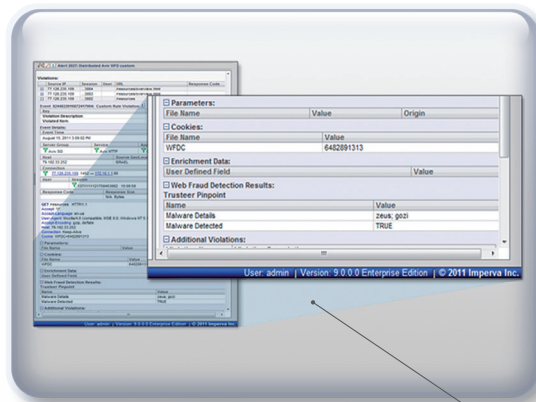
Imperva SecureSphere Web Application Firewall

The SecureSphere Web Application Firewall has transformed the way businesses secure their Web applications and data by automating

Web attack protection. With patented Dynamic Profiling technology, SecureSphere automatically builds a model of legitimate behavior and adapts to application changes over time, ensuring that defenses are up to date without manual tuning.

As the market leading Web Application Firewall, thousands of enterprises rely on Imperva SecureSphere to monitor and protect their critical Web applications and data. SecureSphere offers businesses a practical and highly secure solution that stops advanced application threats, automated attacks, and Web fraud. Imperva SecureSphere provides:

- ▶ Accurate protection against Web application attacks
- ▶ Reputation-based security to stop automated threats
- ▶ Web fraud prevention to eliminate malware-based fraud
- ▶ Pre-defined and custom correlation rules to block multi-stage attacks
- ▶ Transparent deployment and ultra-high performance
- ▶ Centralized management and reporting



SecureSphere provides full event detail to analyze MitB attacks

About Trusteer

Trusteer is the leading provider of endpoint cybercrime prevention solutions that protect organizations against financial fraud and data breaches. Hundreds of organizations and millions of end users rely on Trusteer to protect their computers and mobile devices from online threats that are invisible to legacy security solutions. Trusteer's Cybercrime Prevention Architecture combines multi-layer security software and real-time threat intelligence to defeat zero-day malware and phishing attacks, and help organizations meet regulatory compliance requirements. Leading organizations such as HSBC, Santander, The Royal Bank of Scotland, SunTrust and Fifth Third are among Trusteer's clients. Visit us at www.trusteer.com

About Imperva

Imperva is the global leader in data security. With more than 1,300 direct customers and 25,000 cloud customers, Imperva's customers include leading enterprises, government organizations, and managed service providers who rely on Imperva to prevent sensitive data theft from hackers and insiders. The award-winning Imperva SecureSphere is the only solution that delivers full activity monitoring and protection for databases, Web applications and file systems. Only Imperva delivers innovative technology to give full audit accountability and separation of duties to meet regulatory compliance. www.imperva.com

75 Arlington Street, Suite 500
Boston, MA 02116
T: +1(646) 213-3090
F: +1(646) 304-4075
E: info@trusteer.com

