Cloudmark Security Platform for Mobile

Key Features

**Complete Protection**
Cloudmark Security Platform mitigates spam, fraud, phishing and malware attacks from the Internet, internal networks or mobile networks. All formats such as email, SMS, MMS, binary attachments and embedded URLs are protected. Cloudmark’s fingerprinting technology enables detection of threats in any language, including those using double-byte characters.

**Network Control and Visibility**
Cloudmark Security Platform provides broad visibility into networks, enabling operators to create effective policies that target and mitigate messaging threats and attacks.

**Reduced Operating Costs and Security-as-a-Service**
Cloudmark blocks unwanted traffic on operator networks, freeing bandwidth for legitimate uses. Spam and malware mitigation builds subscriber and enterprise trust while Security-as-a-Service enables offers such as archiving, parental controls, anti-sexting and anti-bullying.

**Fast and Accurate Response**
Cloudmark detects and blocks mobile messaging threats using data from the Cloudmark Global Threat Network combined with advanced algorithms. Up-to-the-minute intelligence from billions of subscribers worldwide is an integral part of the Cloudmark Security Platform.

**High Reliability and Scalability**
Cloudmark’s carrier-class solutions enable operators to provide secure, enterprise-class messaging services to business customers with the highest levels of reliability, scalability and availability.

**Comprehensive Messaging Security for Mobile Network Operators**
Mobile messaging services such as SMS and MMS generate substantial revenue for mobile operators and new applications emerging every day. As subscribers become increasingly dependent on their mobile devices for everything from communications to business productivity and financial transactions, they have become easy and lucrative targets for attackers. Escalating messaging abuse affects the entire mobile ecosystem, resulting in significant loss of revenue and operational problems.

Cloudmark, the leader in mobile messaging security, has earned the trust of more than 120 operators across the globe. With expertise in the fastest and most scalable messaging security solutions, Cloudmark protects the world’s largest mobile operators against the latest threats, including SMS/MMS spam, phishing attacks and malware.

**Cloudmark Security Platform**
Cloudmark Security Platform™ is a high-performance, carrier-grade messaging security solution that automatically mitigates messaging abuse and threats without operator intervention. A unique combination of innovative technologies, expert research, and real-time threat updates enable Cloudmark to identify and block malicious senders and content -- before they can impact mobile networks and subscribers.

A highly flexible architecture enables the Cloudmark Security Platform to integrate seamlessly. Typically, it is integrated as a call-out function with existing SMSCs, SMS routers, other STP or signaling gateways.
Automated, Real-Time Mobile Messaging Security

Cloudmark Security Platform provides robust messaging security without service interruption or manual operator involvement by working seamlessly with other Cloudmark security services:

- **Cloudmark Authority** - provides automatic protection against rapidly morphing attacks that can escape traditional heuristics-based detection. Cloudmark's content filtering combines Advanced Message Fingerprinting technology, high-performance algorithms, and real-time information from the Cloudmark Global Threat Network.

- **Cloudmark Sender Intelligence** - offers visibility into mobile sender reputations from both inside and outside operator networks. With this comprehensive sender reputation service, operators can proactively prevent attacks and fraud from known malicious senders.

- **Cloudmark Global Threat Network** - receives real-time threat reports from billions of subscribers in 165 countries and analyzes over 150 million spam and malware reports every month. The Cloudmark Global Threat Network is the most comprehensive in the world and includes mobile operator abuse teams, systems administrators, automated spam traps and end users. Real-time intelligence enables the industry’s most comprehensive protection against zero-hour and ever evolving threats.

Flexible Policy Controls

Built on 12 years of innovation, Cloudmark Security Platform provides a powerful, yet flexible foundation supporting a variety of content and subscriber-level policy controls:

- **Protocol control policies** - allow operators to set alarms or block traffic based on a combination of volume patterns, protocol attributes and/or sender reputation.

- **Content control policies** – permit operators to take action on messages with certain keywords or content in order to enforce acceptable use restrictions or enable new services like parental controls.

- **Subscriber controls** - enable operators to provide per subscriber services such as sender block or allow lists.

Industry Affiliations

More Information:
www.cloudmark.com

© 2001-2014 Cloudmark, Inc. All rights reserved. Cloudmark, the Cloudmark logo, and other trademarks, service marks, and designs are registered or unregistered trademarks of Cloudmark and its subsidiaries in the United States and in foreign countries. Other brands and products are trademarks of their respective holders. All product information is subject to change without notice.