Cloudmark Authority

Key Features

**Stops Spam, Phishing and Malware**
Cloudmark’s industry-leading accuracy and real-time threat response drive higher customer satisfaction while reducing costs. Service providers can maximize bandwidth, ensure high performance and defend their email servers against blacklisting by Real-Time Blocklists (RBLs).

**Content Categorization**
Enables filtering policies to specific categories of messaging abuse. For example; block all malware messages and quarantine phishing and spam messages.

**Cloudmark Global Threat Network**
Enables feedback and automatically addresses false positives and false negatives. Feedback from administrators, abuse desks and subscribers is constantly analyzed by Cloudmark’s automated systems, resulting in very accurate filtering.

**Real-Time and Historical Reporting**
Cloudmark offers daily, weekly and monthly hosted statistical reports, providing systems administrators and management with unprecedented insight into filtering performance, subscriber-level feedback, and messaging abuse volumes. This information enables advanced planning for optimal utilization of resources, policy decision making, and customer support initiatives.

Protection Against Spam, Phishing and Malware Attacks

Cloudmark Authority® provides the fastest and most accurate message filtering capabilities in the industry for mobile operators, internet service providers, and hosting providers. The carrier-grade software solution blocks spam, phishing and malware-carrying messages with greater than 99% accuracy and near zero false positives. Cloudmark Authority achieves this through a unique combination of proprietary technologies including Advanced Message Fingerprinting algorithms and real-time threat reporting from the Cloudmark Global Threat Network™, consisting of billions of trusted users located in 165 countries around the globe.

Cloudmark Authority frees network resources, reduces storage requirements and immediately improves the email and mobile messaging user experience. As a result, Cloudmark Authority is the widest deployed anti-abuse solution in the industry for provider messaging infrastructure.

Scalability and Reliability

Designed for large-scale deployment, Cloudmark Authority delivers up to 20 times faster messaging throughput than competitive solutions while utilizing up to 90% less CPU capacity. This superior performance significantly reduces hardware requirements and total cost of ownership. Cloudmark Authority provides the highest level of filtering reliability due to a superior distributed architecture coupled with a full local cache of the latest threat data stored at each installation. Additionally, all message filtering occurs entirely locally and unlike competitive solutions does not require time consuming network round trips to score message content.
Unmatched Accuracy

Cloudmark Authority filters messaging threats with greater than 99% accuracy and near zero false positives. Continual report corroboration and system self-correction ensure high accuracy, now and in the future. Due to content and language-agnostic threat analysis, Cloudmark is able to stop spam in all formats and languages, including languages using double-byte characters such as Japanese, Chinese and Cyrillic.

Real-Time Response to Threats

Cloudmark Authority is able to detect new threats faster than any other solution. Real-time feedback from the Cloudmark Global Threat Network is analyzed, corroborated, and made automatically available to Cloudmark Authority installations every 30 seconds via micro-updates. In addition, Advanced Message Fingerprinting technology uses patented and innovative algorithms to track and identify both conventional and rapidly mutating attacks.

Broad Protection

Cloudmark Authority offers complete inbound and outbound protection against all forms of messaging abuse including spam, phishing and malware attacks on fixed and mobile networks. There is no need to purchase, integrate or manage separate solutions for different types of threats.

Cloudmark Authority In Service Provider Networks

Cloudmark Authority is a fully automated system designed to block spam, phishing, malware and other forms of messaging abuse. It can be integrated at any point along the message delivery path, either with Cloudmark Security Platform or with existing legacy messaging infrastructure.

Compatibility

Red Hat Enterprise Linux 5.x 32-bit and 64-bit
Red Hat Enterprise Linux 6.x 32-bit and 64-bit
Red Hat Enterprise Linux 7.x 32-bit and 64-bit
Ubuntu 12.04 32-bit and 64-bit
Ubuntu 14.04 32-bit and 64-bit
FreeBSD 9.x 32-bit and 64-bit
FreeBSD 10.x 32-bit and 64-bit
Solaris 10 UltraSPARC 64-bit and 32-bit, Intel 64-bit
Solaris 11 UltraSPARC 64-bit and 32-bit, Intel 64-bit
Windows Server 2008 32-bit and 64-bit
Windows Server 2012 64-bit

About Cloudmark

Cloudmark is the most trusted leader in security, protecting traffic, data and infrastructure for service providers, enterprises and consumers worldwide. Cloudmark’s patented solutions deliver immediate, adaptive and predictive protection from ever-evolving network threats with proven, carrier-grade scalability and operability, assuring business continuity while lowering infrastructure costs. Cloudmark leverages big data analytics from locally collected data and from our Global Threat Network—the world’s most comprehensive repository of global threat intelligence. Cloudmark protects more than 120 tier-one customers, including Verizon, Swisscom, Comcast, Cox and NTT and more than 1 billion subscribers worldwide. For more info, visit us at www.cloudmark.com.