



CLOUDMARK AUTHORITY™ For Service Providers

KEY FEATURES AND BENEFITS

Anti-spam, Anti-virus, and Anti-phishing
Cloudmark Authority is a comprehensive solution that protects email users from both inbound and outbound spam, phishing and virus attacks. Cloudmark's industry-leading accuracy and real-time response drive higher customer satisfaction and lower support costs.

Content Categorization

This feature categorizes messaging abuse, allowing service providers to apply specific policies for each category – e.g., block phishing, quarantine viruses and hold newsletters. Individual handling of messages increases subscriber satisfaction and lower infrastructure costs.

Cloudmark Network Feedback System™

The Cloudmark Network Feedback System (CNFS) empowers service providers to address misclassifications automatically without relying on a vendor research or operations center. Feedback from administrators, abuse desks and subscribers is immediately and automatically analyzed by the Cloudmark Trust Evaluation System leading to improved filtering on Cloudmark Authority in near real time.

Secure Copy of Latest Threat Data

Authority maintains a secure local cache of the latest threat fingerprints on each server, which is updated every 45 seconds. This enables full system redundancy and filtering to continue even if the connection to the Cloudmark backend service is temporarily interrupted.

Real-Time and Historical Reporting

Cloudmark also provides real-time and historical security intelligence at the system level down to the subscriber level. Service providers have full visibility into how well Cloudmark Authority is protecting their network, as well as insight into subscriber feedback for better policy decision-making and infrastructure planning.

Carrier-Grade Messaging Security for Spam, Phishing and Viruses

Cloudmark Authority™, a carrier-grade software solution, delivers the industry's fastest and most accurate anti-spam, anti-phishing and anti-virus protection. Cloudmark utilizes a unique combination of Advanced Message Fingerprinting™ and the world's largest threat detection network, consisting of trusted reporters in 163 countries, to rapidly block 98% of messaging attacks with near zero false positives. Even with this high level of speed and accuracy, Authority requires significantly less processing power than competitive solutions, lowering CPU requirements by up to 90%.

Cloudmark Authority frees network resources, lowers storage requirements and delivers an immediate improvement in the email user experience. As a result, Cloudmark Authority is the fastest growing anti-abuse solution on carrier MTAs in the world.

REAL-TIME THREAT RESPONSE

Cloudmark Authority is able to detect emerging threats faster than any other solution. Real-time feedback from the Cloudmark Global Threat Network is analyzed, corroborated and automatically distributed to Cloudmark Authority every minute via micro-updates. In addition, Advanced Message Fingerprinting technology uses innovative algorithms to dynamically detect mutated attacks that re-use message attributes or techniques associated with known spam, phishing or virus threats.

END-TO-END PROTECTION

Cloudmark Authority offers complete protection against all forms of messaging abuse – spam, viruses and phishing – over both fixed and mobile networks. There is no need to purchase, integrate, run or manage separate solutions for each threat type.

UNMATCHED ACCURACY

Cloudmark has a 100% win rate against competitive solutions in service provider accuracy trials. Cloudmark Authority filters abusive emails with greater than 98% 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 those using double-byte characters like Chinese, Japanese and Cyrillic.

CARRIER GRADE SCALABILITY AND RELIABILITY

Designed for large-scale carrier deployments, Cloudmark Authority delivers up to 20 times faster messaging throughput than competitive solutions while utilizing 90% less CPU. This superior performance translates to higher infrastructure efficiency and significantly reduced systems total cost of ownership (TCO). Cloudmark Authority's distributed architecture together with a full local cache of the latest threat data stored at each installation enable the highest level of filtering reliability.

OS REQUIREMENTS

- Solaris:

Solaris 8, 9, 10

- FreeBSD

FreeBSD 5, 6

- Linux:

Cloudmark supports any Linux distribution with the required libraries installed, and certified RedHat Enterprise Linux ES 2.1 or higher or RedHat 8 or higher

- Windows:

Windows Server 2000

Windows Server 2003

HARDWARE COMPATIBILITY

- Solaris

32 bit SPARC platform

- FreeBSD

32 bit x86

64 bit x86

- Linux

32 bit x86

64 bit x86

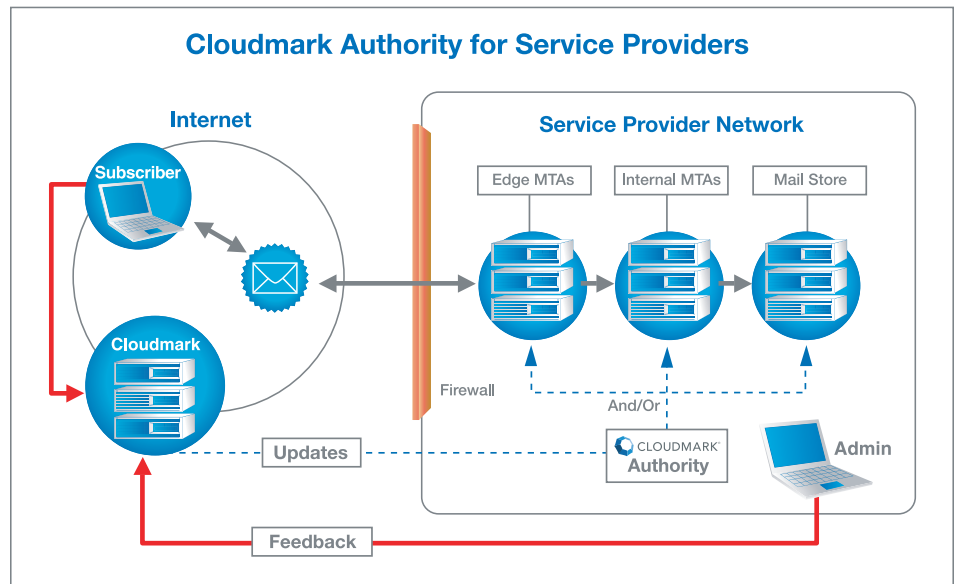
- Windows

32 bit x86

64 bit x86

CLOUDMARK AUTHORITY DEPLOYMENT

Cloudmark Authority is a fully automated system designed to block spam, phishing, viruses and other forms of messaging abuse. It can be integrated at any point along the message delivery path.



For more information visit us at
www.cloudmark.com

Headquarters
 128 King Street, 2nd Floor
 San Francisco, CA 94107 USA
 Ph: +1.415.543.1220
 Fax: +1.415.543.1233

Cloudmark Europe, Ltd.
 Building 3, 566 Chiswick High Road
 London W4 5YA England
 Ph: +44 (0) 208 849 8363
 Fax: +44 (0) 208 899 6001

Cloudmark Japan
 Kato Building 6F
 2-11-3 Iwamoto-cho
 Chiyoda-ku
 Tokyo 101-0032 Japan
 Tel: +81 (3)5532 7636
 Fax: +81 (3)5532 7373