

## BENEFITS

### Anti-spam, Anti-virus, and Anti-phishing

Cloudmark Authority offers comprehensive protection against 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. By also blocking outbound abuse, service providers are able to maximize bandwidth, ensure high performance and keep their mail servers from being "blacklisted" by other networks.

### Content Categorization

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

### Cloudmark Network Feedback System

The Cloudmark Network Feedback System empowers service providers and subscribers to provide feedback and automatically address misclassifications, such as false positives and false negatives. Feedback from administrators, abuse desks and subscribers is immediately analyzed by the Cloudmark Trust Evaluation System leading to improved filtering on Cloudmark Authority in near real time.

### Real-time and Historical Reporting

Cloudmark offers daily, weekly and monthly statistical reporting that gives systems administrators and management unprecedented insight into filtering performance, subscriber-level feedback and messaging abuse volumes coming into their systems. This information can be used by the service provider for better resource planning, policy decision-making and customer support initiatives.

## CARRIER-GRADE PROTECTION AGAINST SPAM, PHISHING & VIRUSES

Cloudmark Authority®, a carrier-grade software solution, delivers the industry's fastest and most accurate spam, phishing and virus protection. Cloudmark uses a unique combination of Advanced Message Fingerprinting and real-time threat reporting from the Cloudmark Global Threat Network, consisting of trusted users in 190 countries around the globe. Cloudmark Authority blocks abusive messages with greater than 98% accuracy and near zero false positives. In addition to this high level of accuracy, Cloudmark 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.

### 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 up to 90% less CPU. This superior performance translates to higher infrastructure efficiency and significantly reduced systems total cost of ownership. 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.

### UNMATCHED ACCURACY

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

### REAL-TIME THREAT RESPONSE

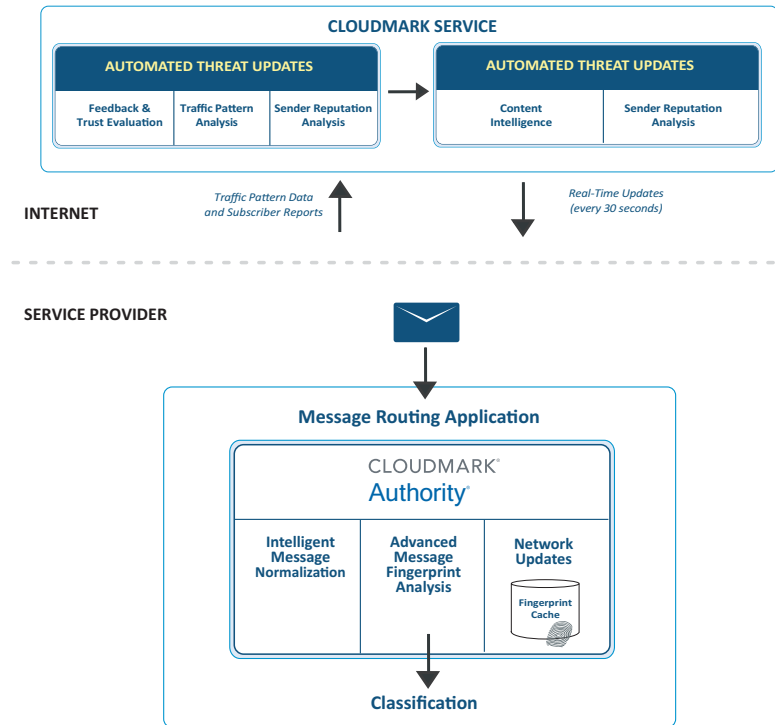
Cloudmark Authority is able to detect new threats faster than any other solution. Real-time feedback from the Cloudmark Global Threat Network is analyzed, corroborated and automatically distributed to Cloudmark Authority installations every 30-60 seconds via micro-updates. In addition, Advanced Message Fingerprinting technology uses innovative algorithms to track and identify mutated attacks and those using known spamming techniques.

### BROAD THREAT PROTECTION

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

### CLOUDMARK AUTHORITY IN THE SERVICE PROVIDER NETWORK

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.



## OPERATING SYSTEM REQUIREMENTS

- Solaris – Solaris 8, 9, 10
- FreeBSD – FreeBSD 5,6
- Windows – Windows Server 2000, Windows Server 2003
- 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

## COMPATIBILITY

- Solaris – 32 bit (SPARC platform), 64 bit (SPARC platform), X86\_64 (Intel platform)
- FreeBSD – 32 bit x86, 64 bit x86
- Windows – 32 bit x86, 64 bit x86
- Linux – 32 bit x86, 64 bit x86

## INDUSTRY AFFILIATIONS



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