



# CLOUDMARK AUTHORITY ON SUN JAVA SYSTEM MESSAGING SERVER

## 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. By also blocking outbound abuse, service providers, universities and enterprises are able to minimize bandwidth waste by spammers and keep their messaging servers from being "blacklisted" by other networks.

### Cloudmark Network Feedback System™

Cloudmark enables administrators to address misclassifications, such as false positives and false negatives, automatically without relying on a vendor research or operations center. Feedback from multiple sources is immediately analyzed by the Cloudmark Trust Evaluation System leading to improved filtering on Cloudmark Authority.

### Real-Time and Historical Reporting

Cloudmark also provides real-time and historical analytics down to the user level. Administrators have full visibility into how well Cloudmark Authority is protecting their network, as well as insight into user feedback for better policy decision-making and infrastructure planning.

### Carrier Grade Performance and Scalability

Designed for large-scale carrier and enterprise implementations, Authority is capable of performing both inbound and outbound filtering without system overload. It processes messages at near wire-speed throughput (over 7 million messages/hour/server) while requiring 90% less CPU than competitive solutions. Cloudmark Authority significantly reduces or delays messaging infrastructure and storage investments required to keep up with increasing spam volumes.

Cloudmark Authority™, a carrier-grade software solution, delivers the industry's fastest and most accurate protection against spam, phishing and viruses. Cloudmark utilizes a unique combination of Advanced Message Fingerprinting™ and the world's largest threat detection network, consisting of over 600 million trusted reporters in over 190 countries, to rapidly detect messaging abuse. 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 filtering performance. As a result, Cloudmark Authority is the mostly widely-deployed messaging anti-abuse platform on the world's largest service provider and enterprise networks.

### Authority On Sun Java System Messaging Server

Cloudmark Authority integrated with the Sun Java System Messaging Server (JSMS) offers unmatched scalability, performance and availability. Sun JSMS, a component of the Sun Java Communications Suite, is a high-performance, secure messaging platform deployed at service providers, universities and enterprises worldwide.

### Real-Time Threat Response

Cloudmark is able to detect emerging threats faster than any other solution. Advanced Message Fingerprinting technology enables immediate detection of mutated threats that re-use message attributes or techniques associated with known spam, phishing or virus threats. Real-time feedback from the Cloudmark Global Threat Network is analyzed, corroborated and automatically distributed to Cloudmark Authority every 45 seconds via microupdates.

### Unmatched Accuracy

Cloudmark has a 100% win rate against competitive solutions in customer accuracy trials. Cloudmark Authority filters abusive emails with greater than 98% accuracy and near zero false positives. Continual feedback corroboration and system self-correction ensure high accuracy now and in the future. Due to content-agnostic analysis, Cloudmark is able to stop spam in all languages including those using double-byte characters like Chinese, Japanese, and Cyrillic.

### End-To-End Protection

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

### Operational And Infrastructure Savings

Superior performance translates into higher infrastructure efficiency and significantly reduced systems total cost of ownership (TCO). Cloudmark Authority provides message filtering performance of up to 2000 messages per second on a single Sun server, which is 20 times faster than competitive solutions.

### Leverage The Sun And Cloudmark Solution

The Cloudmark and Sun solution combines Cloudmark intelligent filtering technology with high-performance, robust Sun servers and Sun Java™ System Messaging Server software for a



## TECHNICAL INFORMATION

### SUPPORTED PLATFORMS

with Sun JSMS

- Sun Solaris 8, 9, and 10 on Sun SPARC 32 bit
- Sun JSMS 6.2 and 6.3

carrier-grade, highly efficient messaging security solution. Scalable Sun server platforms can dramatically increase throughput and reduce energy consumption and datacenter footprint. Sun Fire™ T1000, T2000, and T5120 servers with CoolThreads™ technology are ideal for Cloudmark anti-spam software, providing almost twice the message throughput of other hardware solutions.

All Sun servers run the powerful Solaris™ 10 Operating System (OS), the world's leading UNIX® operating environment. Innovative enhancements to the Solaris OS make it the most advanced operating system ever built, and its proven performance provides the Cloudmark software with additional throughput, message processing and filtering performance advantages.



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

For more information visit us at  
[www.cloudmark.com](http://www.cloudmark.com)