



## eSafe Gateway Keeps OSF Healthcare System's Network Healthy and Free From Infection

SCREENING OUT UNWANTED EMAIL AND SPAM, ALADDIN'S eSAFE MAIL REDUCES SIX-HOSPITAL, 80-CLINIC NETWORK LOAD 30%

*“When I compared the cost of expanding Internet bandwidth versus adding tools like Aladdin's eSafe to enforce usage policies, my management understood the cost savings and value we would gain with Aladdin tools. We're planning to expand our use of eSafe with additional content screening that will help us realize even greater bandwidth gains and cost savings.”*

STEVE MILLER  
Network Engineer  
OSF Healthcare System

### **OSF Healthcare System's Challenge: Improve Access While Conserving Internet Bandwidth**

As a network security engineer for OSF Healthcare System, an integrated health maintenance organization (HMO) in Peoria, Illinois, Steve Miller manages his budget very closely. Constantly challenged to find the funds his department needs to adequately secure OSF Healthcare System's six-hospital, 80-clinic network while improving access and expanding capacity, Miller closely analyzes potential solutions so that he can make a strong case to management when it comes to lobbying the organization for money.

By articulating eSafe's strategic benefits in terms that OSF Healthcare System's financial and business operations managers could support, he was able to win the funds to purchase and implement a content filtering solution that not only improves security, but significantly boosts the efficiency of the Web-enabled network the HMO uses to serve its more than 80,000 patients throughout Illinois and Michigan.

Because access by partners and providers has grown over the years, OSF Healthcare System's network bandwidth has been stretched to its limits. “We see about 50% to 60% of our Internet pipe taken up with email,” Miller explained. “If I can screen out unwanted emails and spam, imagine how that reduces the load on our Internet bandwidth and its associated costs. We have more applications moving to the Web each year, and we must assure access to our services by business partners and customers—that means protecting our pipeline from becoming clogged with junk—especially spam.”

### **Aladdin's eSafe Gateway: Effective Security That Enhances Internet Capacity**

eSafe Gateway provides OSF Healthcare System with a comprehensive set of tools that proactively protects of its network from all forms of malicious email- and Internet-borne content including viruses, worms, and perhaps more importantly, unwanted email of all types. eSafe provides a first line of defense, acting as a mail relay in OSF Healthcare System's DMZ, screening unwanted traffic before it is passed on to the network's Microsoft Exchange Servers.

**Benefits:**

Comprehensive email screening helps assure Internet access and availability

**Value** — Delivers business-critical advantage by reducing unwanted email and other application traffic, thus expanding Internet bandwidth without infrastructure investment

**Flexibility** — eSafe integrates seamlessly with CheckPoint Firewall-1 and CISCO PIX firewall protection systems

**Performance** — Fast and transparent real-time, on-the-fly inspection of Internet traffic, eSafe Gateway scans and filters approximately 12,000 inbound emails each day, blocking approximately 3,400 emails containing viruses, including all forms of undesirable content

**Scalability** — eSafe Gateway's distributed architecture provides for superior load-sharing capabilities for high-capacity networks

**Confidence** — Ensures OSF Healthcare System's email security through anti-spam, anti-spoof, anti-relay and anti-mail bombing components for SMTP, HTTP, and FTP traffic — ExploitStopper™ blocks highly engineered worms such as Bugbear without requiring a signature update

While evaluating eSafe Mail's capabilities, OSF Healthcare observed that its incoming SMTP email traffic dropped nearly 30%. "This is not about policing employees, but rather preventing unwanted, unnecessary email and other applications from entering our internal networks," Miller noted. "We've placed a security focus on prevention as the easiest and most effective way to gain compliance, and one that has the least impact on our Internet gateway."

**About OSF Healthcare**

Headquartered in Peoria, Illinois, OSF Healthcare System is an integrated healthcare delivery system providing state-of-the-art, compassionate care to more than 1.5 million people in the communities it serves. Through its affiliated companies, OSF Healthcare System is nationally recognized as a leading integrated healthcare network of facilities. Our parent company, The Sisters of the Third Order of St. Francis, is a not-for-profit corporation reinvesting our resources into the communities we serve since 1877. OSF Healthcare System has seen its network connections and Web usage grow rapidly as more and more business critical applications are accessed through the Internet.

**About Aladdin and eSafe**

Aladdin (Nasdaq: ALDN) is a leader in digital security, providing solutions for software commerce and Internet security since 1985. eSafe provides proactive, multi-tiered Internet Content Security from the gateway to the desktop, protecting the entire enterprise from malicious code that destroys or steals digital assets, inappropriate and nonproductive material, the misuse of company resources, and Internet-borne content.



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