



GSS E-mail Security Services

- Security Auditing
- Security Investigations
- Public Key Encryption (PKI)
- Identity-based Encryption
- Security Solution Architecture
- Detailed System Designs
- And more...

"GSS helped us understand the scope of the problem and the right approach for our business."

E-mail Security Services

Investments in security should be made sensibly, based on the level of risk and potential business impact. E-mail security is a business issue but in most companies e-mail security lies outside the control of security specialists.

Security personnel tend to focus on issues such as firewall configuration, network intrusion detection, authentication and access. But in most companies the majority of data passing between internal networks and the outside world is e-mail.

E-mail is the primary means of information dissemination in business today and few decisions or internal announcements are made without using e-mail.

User demand for access to e-mail over the Web, from remote locations via dial-up or Internet, and from mobile devices makes e-mail inherently more vulnerable than other systems.

The first step toward a more secure e-mail system is analyzing vulnerabilities, gathering business and technical requirements, and evaluating technology options beginning with currently deployed technologies.

Successful analysis requires technical understanding, business awareness, and effective methodology. GSS brings these ingredients together in a single service that helps customers understand and successfully manage risk.

GSS Security Auditing

The GSS E-mail Security Audit involves systematic data collection and thorough analysis including the following areas:

- Business requirements
- IT and user policies
- IT operations
- Usability issues
- Systemic vulnerabilities
- Configuration issues
- Technology limitations

GSS evaluates vulnerabilities and links each area of risk to potential business impact. Customers receive a [GSS E-mail Security Report and Recommendations](#) document.

Many security services focus on theoretical problems and propose costly and impractical solutions. GSS reports provide clear descriptions of problems and recommend solutions based directly on customer requirements. The GSS methodology follows these steps:

1. Identify Vulnerabilities
2. Evaluate Risks
3. Determine Solution Options
4. Map Solutions to Requirements

GSS gives customers new options to reduce or eliminate vulnerabilities based on the degree of risk and potential business impact, and GSS balances these factors with business needs.

Global System Services

ADDRESS:

650 Castro Street
Suite 120,
Number 268
Mountain View,
California 94041,
U.S.A.

PHONE:

+1 (408) 243-5659

FAX:

+1 (408) 243-5718

E-MAIL:

info@gssnet.com

For more
information
visit:

www.gssnet.com



Dealing with Security Technology Issues

Messaging vendors support technologies like Public Key Infrastructure (PKI) security using X.509 digital certificates for Secure MIME (S/MIME). PKI solutions can be costly, cumbersome for administrators and inconvenient for users. PKIs don't address issues such as non-PKI e-mail clients like as Web browsers, PDAs and wireless devices, or communication with non-S/MIME users over the Internet.

Some security solutions can secure e-mail on the wire within your network but don't work over the Internet or if data

are accessed directly on a server rather than a particular client application. Some vendors provide solutions to secure e-mail between companies but only if both companies use the same technology or product.

New technologies like identity-based encryption may help but most e-mail software vendors don't directly support the latest security technologies.

GSS focuses on real-world solutions putting practical architectural and configuration enhancements before costly new technology deployments.

Security Solution Design

While other companies represent particular technologies or products GSS takes an objective approach focusing on customer-specific business and technology requirements.

Armed with a [GSS E-mail Security Report](#) and solution options with clear trade-offs, customers can make informed and intelligent decisions that will stand the test of time.

Once a set of solution components have been selected the next steps are to design a coherent solution and to

successfully build and deploy the solution without disrupting users or IT operations.

GSS has successfully designed and deployed solutions ranging from enterprises to some of the largest ISP and telco systems in the world. GSS can help you to cost-effectively understand and manage risk and to assure that your e-mail system is secure.

About GSS

Established in 1994, GSS is a leading IT consulting firm focusing on technology strategy and IT architecture services.

GSS is a Qualified Lotus Business Partner, a Certified Microsoft Solution Provider, an iPlanet Partner, and a member of the Electronic Messaging Association (EMA) with certified experts on staff.

GSS provides an integrated suite of consulting services, including technology strategy, system architecture and design, capacity planning, and related development and implementation services.

GSS customers include Fortune 500 corporations, U.S. government entities, service providers, and software vendors.

