

Secure remote access to corporate email systems, including Microsoft Outlook Web Access, Lotus iNotes and Novell GroupWise Web Access.

Email is a mission-critical business application, and employees are demanding access to their corporate email anywhere Internet access is available. Most email systems, including Exchange, Notes and GroupWise provide options that allow browser-based access to corporate email accounts. However, a steady stream of security vulnerabilities has made IT and security administrators hesitant to deploy these web mail systems.

IronWebMail allows administrators to offer access to corporate email using a standard web browser. It integrates a high-performance proxy with secure access technology, intelligent analysis tools and an array of attack detection and blocking capabilities.

What makes IronWebMail so effective?

Multi-layer "Defense-in-depth" Architecture

- Secures logon and logoff to prevent unauthorized access to email boxes even when accessed from public browsers or Internet kiosks.
- Scrutinizes and controls all HTTP and HTTPS proxy connections to block attacks such as denial of service or buffer overflow attacks.
- Over 500 signatures to identify known attacks.
- Applies protocol analysis to detect path obfuscation attempts, such as Unicode and hex encoding.
- Allows access only for defined URLs blocking directory traversals.
- SSL support allows full inspection of both encrypted and unencrypted traffic.

Proactive Threat Response

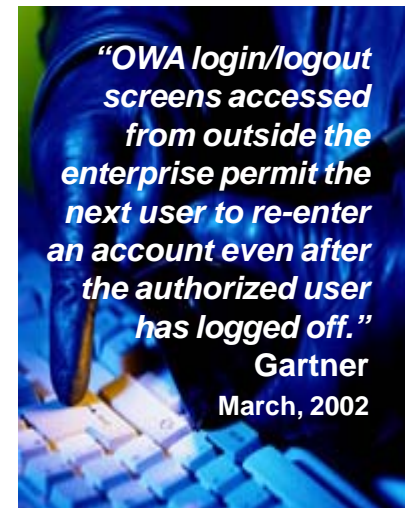
- Secure portal page controls logon and provides secure sign-on.
- Real-time, adaptive technology detects and blocks threats such as buffer overflow and malformed HTTP requests.
- FirstAct™, IronMail's update service, offers cutting-edge policies and signatures developed by CipherTrust security experts.

Easy to Manage

- Rack-mounted appliance with a secure, browser-based interface.
- View and log all message traffic for detailed understanding of message traffic.
- Updates, available as often as hourly, can be automatically applied.

Comprehensive

- Unified policy enforcement at the gateway addresses all email threats, including viruses, hackers, worms, intruders, spam, libelous content and secure delivery.
- Secure appliance platform provides a hard face to the Internet and protects the entire email system.



Benefits

- **Secure the gateway** by presenting a hard face to the Internet in front of your web mail systems, and controlling all incoming and outgoing mail.
- **Increase email access** by safely allowing employee access to corporate web mail systems from any web browser.
- **Enforce corporate policy** by controlling remote access to corporate web mail systems.
- **Maintain uptime** by preventing attackers and intruders from bringing down vulnerable email and web mail servers.
- **Control message traffic** by monitoring and reporting on message volume, size, content, attachments, senders and recipients.
- **Reduce load on your email system** by encrypting SSL sessions at the gateway instead of at the email or web server.

Customer experience

"Using IronMail, we've been able to support our remote users and selected partners through web mail without worrying about attacks on our IIS server."

IT Manager, Fortune 1000 Financial Services Company

IronWebMail's features include:

Protect

- Secure Proxy*
- Application-level proxy for HTTP and HTTPS ensures the highest level of scrutiny for web mail traffic
 - High performance engine maintains secure access without creating latency

- Secure Logon*
- Single sign-on
 - Optional Strong Client Authentication
 - Support for RSA SecureID®

- Secure Logoff*
- True termination of sessions
 - Terminate on click, session length, or session inactivity

- Detect & Block Unknown (Anomalous) Attacks*
- Block Buffer Overflow (includes POST and GET) attacks
 - Prevent directory traversals
 - Prevent URL "Roaming" with URL allow lists
 - Deny malformed HTTP requests (in URL and message body)

- Detect & Block Known Attacks*
- Protocol analysis defeats path obfuscation and attempts to detect unicode, hex coding and double hex encoding attacks
 - Over 500 signatures for known attacks
 - The First Act Team offers cutting edge policies and signatures developed by CipherTrust security experts



Administration & Reporting

- Secure, browser-based administration with optional Secure Client Authentication
- Comprehensive reporting across all functions of email throughput and policy compliance

Deployment & Scalability

- Standards compliant including HTTP, HTTPS, LDAP, TLS/SSL, SNMP to ensure integration with other security and mail tools
- Easy scalability with support for standard load balancers
- IronMail Centralized Management Console allows updates and status views of multiple IronMail units from a single console

Technical Specifications

- Rack-mounted Intel-based server appliance with redundant components, RAID storage, integrated hardware and software, secure, browser-based interface

Support & Maintenance

- Platinum Maintenance program with full upgrades and 24/7 support
- Easy to use and administer through a secure browser-based interface

The IronMail Difference

Secure Platform > IronMail is designed from the ground up to comprehensively secure enterprise email systems at the gateway. It offers the most secure platform available. Built on an extremely hardened operating system, combined with our secure application software, the IronMail appliance eliminates vulnerabilities and unyieldingly protects the entire email infrastructure. With IronMail deployed in your network, the entire email application is hardened against spam, unwanted content, viruses, worms, attacks, and intruders.

Unified Policy Enforcement > While other solutions provide a fragmented approach to policy management, the IronMail unified policy manager enforces policy across the entire email system. It applies comprehensive content filtering, monitoring and reporting capabilities and proactively manages policies across the whole mail system. IronMail improves productivity, reduces liabilities and saves valuable network resources.

IronMail Solutions:

- Anti-spam
- Web mail protection
- Anti-virus
- Secure delivery
- Application protection
- Policy enforcement

