



VIRCOM'S TECHNOLOGY

Vircom's award-winning modus™ lineup of products provides you with comprehensive e-mail services, messaging security and spam protection.

By combining the industry's leading anti-spam technology, fully integrated multi-engine anti-virus, and a standards-based email server, **modusMail™** provides you with the tools to effectively manage your mission-critical email systems while countering today's growing security threats, such as botnets, phishing attempts, and image spam. Vircom's proprietary Sequential Scan Analyzer (SCA™) is the heart of our application: spam simply can't get through our multi-staged predictive and deterministic filters, and our artificial intelligence-based content analyzer provides zero-day threat protection.

modusMail™ comes bundled with everything you need to deploy email to your organization: messaging services, end-user interface, security controls, and the best anti-spam/anti-virus protection available. Combined with our 24/7 support and professional services-backed maintenance program, our turnkey solution provides unbeatable ROI for your IT budget.



MODUSMAIL™ BENEFITS

- Microsoft® Exchange and ActiveDirectory Integration
- Industry-leading, proven performance - over a decade of results to back our claims!
 - Consistent 99% catch rate
 - Less than 0.001% false positives
- Customizable, easy to deploy webmail, available in 14 languages
- Support standard mail clients, such as Microsoft Outlook®
- Official Microsoft® Certified Gold Partner – Complete Windows® compliance for your data center
- Industry-leading content management and intelligent pattern detection
- Sequential Content Analyzer - SCA™ – predictive technology to thwart zero-day attacks
- Sieve-based full featured scripting engine for restriction-free policy management
- 3 levels of granularity for maximum customization of all user & administrative settings
- Complete inbound & outbound email scanning
- Vircom backs its products with specialized research & development
- Vircom's security team provides real-time spam and virus definition updates, with no customer involvement
- Unique PlatinumPlus™ plan, a value-add professional services offering, provides complete system optimization, monitoring, and online back-ups – administrators can reduce their task overhead and increase their productivity
- Easy to install, configure, and use: most installations require less than 10 minutes!



ISV/Software Solutions
Networking Infrastructure Solutions
Security Solutions



MODUSMAIL™ FEATURES

ANTI-SPAM & ANTI-VIRUS

- 99% catch-rate
- Less than 0.001% false-positives
- Leading perimeter defense
 - Sender reputation system (SRS)
 - Blacklisting, whitelisting & Vircom's own advanced greylisting
 - Attachment & language filtering
- Intelligent scanning and content analysis
 - Multi-layered content filtering based on both predictive and deterministic methods
 - Encrypted and archived files
 - File extension spoofing detection
- Image spam detection – industry leading catch rates
- Automatic updates every 15 minutes
- Integrated anti-virus from Norman™ and McAfee™
- Auto-trusted lists

MAIL SERVER PROTECTION

- BATV to eliminate backscatter spam
- SMTP authentication
- DKIM verification and signature support
- Spoofing protection with sender

policy framework (SPF) and DKIM

- Directory harvesting defense
- Open relay protection
- Mail server cloaking
- Supports opportunistic TLS
- Enhanced PDF scanning

ADMINISTRATION & REPORTING

- Intuitive interface with a choice of access methods – Windows® management console and web-based monitor console
- Granular policy settings
- Incremental Norman anti-virus updates (bandwidth reduction)
- Separate controls for phishing policies
- Real-time dashboard & system health report
- System overview and security threats at a glance
- Reports of server, domain and user statistics
- Report scheduling
 - Automatically generate reports on a daily, weekly or monthly basis
- Trend analysis and tracking of top issues

POLICY MANAGEMENT

- Custom Sieve™ scripting – RFC-compliant for flexible policy implementation & foreign language support (UTF-8)
- Full-message encryption with PGP® Universal Gateway Email
- TLS and SSL support
- Inbound, outbound and internal e-mail monitoring
- Message audit logs

QUARANTINE MANAGEMENT

- Unique end-user interface – complete inbox control at the individual user level
- Individual, customizable quarantine reports with one-click message release
- Sort by security-threat level
- Personalized filter settings
- Phishing release capability
- Permanently block individual senders

modusMail™ Specifications				
Operating System	Microsoft® Windows Server 2003, 2003R2, 2008 and 2008R2 (32-bit and 64-bit) and Windows Small Business Server (SBS) 2003 x86, 2008 x64 and 2011 x64			
MDAC	2.8 SP1 or higher			
IIS	Version 6.0 or higher			
.NET Framework	3.5 SP1 or higher			
Supported Web Browsers	Internet Explorer 7+, Chrome or FireFox. Real-time reports require Adobe SVG Viewer			
Database Server	Support for Microsoft SQL Server 2000 x86, 2005 x86/x64, 2008 x86/x64, 2008R2 x86/x64 Support for Microsoft SQL Server 2005 Express Edition x86 (dedicated server required for deployments of > 5,001 mailboxes)			
Deployment Size (# mailboxes)	1- 500	501 - 1,500	1,501 - 5,000	5,001 - 10,000
Sustained Mail Throughput	6 msg/sec	8 msg/sec	15 msg/sec	25 msg/sec
CPU	2.13Ghz	3Ghz, Single Core	3Ghz, Single Core	3Ghz, Dual Core
RAM	1024Mb	1024Mb	2048Mb	4096Mb
# of Hard Drives (40 GB min.)	1-2	1-2	4	5
RAID	If 2 drives, RAID-1	If 2 drives, RAID-1	RAID-1: OS, Software RAID-0: SQL, Spool, QT	RAID-1: OS, Software RAID-0: Spool, QT
Ethernet Connection & Bandwidth	100 Mbit	100Mbit	100Mbit	1 Gbit

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