

Modus™ for Corporations

Protecting the Value of e-Mail Communication

Modus™ is Vircom's *Smart Email Assurance* technology. Its holistic approach to e-mail encompasses both security and management capabilities. Why is it important for Corporations to implement a solution that addresses both aspects? Simply because it is impractical and virtually impossible to independently protect and manage the full functionality of e-mail.

Smart Email Assurance is not only about quashing the problem of spam - anti-spam capability is but one benefit of Modus. The philosophy behind Modus is to reinstate user trust in e-mail and restore efficiency in this critical means of communication for Corporations.

Modus™ Protects Your Infrastructure

MODUS PROTECTS THE MAIL INFRASTRUCTURE

Vircom's Modus solutions (ModusMail™ mail server and ModusGate™ versatile email assurance gateways) use multiple layers of cutting-edge technology to shield your mail infrastructure from external attacks, rejecting or quarantining undeliverable and unwanted e-mails at the perimeter:

- A rock-solid perimeter defence that annihilates the potential for damage caused by harmful e-mails that otherwise would penetrate to network level. This perimeter defence protects against major e-mail threats, like Denial of Service attacks, compression and e-mail bombs or further harvesting attacks.
- The anti-Virus engine from McAfee© and/or the SandBox-powered anti-Virus engine from Norman Data Defence© that are automatically updated, 24/7, ensuring an optimal protection against sudden breakthroughs of viruses, Trojans, worms and other malicious codes potentially carried by incoming e-mail.
- A multilayered SCA™ anti-Spam engine that outperforms any other anti-Spam filtering engine in the industry and delivers an outstanding out-of-the-box accuracy of 98.2% with less than 0.01% false-positives.

MODUS IMPROVES EMAIL AVAILABILITY

The Modus solutions can be deployed in a multi-node ("blockade") configuration to add additional performance and redundancy to high-volume, mission-critical networks. In this configuration, user settings, user directory (including email aliases) and quarantines are centralized and synchronized between multiple nodes. A multi-node combination can also integrate with load balancing to maximize redundancy and performance.

Modus' smart and performance-driven architecture also offers the industry most efficient e-mail scanning engine, effectively handling the extra load of traffic at peak times and minimizing hardware requirements.

Modus™ Protects Your Users

MODUS PROTECTS AGAINST PHISHING

One of the most dangerous threats to end users is e-Mail-borne fraud, a growing phenomenon that has reached critical proportions in recent months. Modus fortifies your server against e-mail frauds by using Sender Policy Framework (SPF) to validate the sender's e-mail address (based on the IP address) which makes it impossible for spammers and con artists to spoof the address and impersonate trusted organizations with an SPF registry.

To further validate email traffic reaching the mail server, ModusGate supports multiple third-party accreditation and authentication services.

MODUS PROTECTS USER PRIVACY

Modus provides each user with an authenticated access to his/her personal Quarantine. Users can at anytime review their blocked messages personally, release or delete messages, whitelist or blacklist mail addresses without the intervention of the system administrator. This gives users the confidence that their blocked messages are treated with the same respect for privacy as their valid messages.

Modus™ Protects Your Company

MODUS PROTECTS AGAINST INBOUND & OUTBOUND THREATS

Your company does not want to be the source of viruses or spam. It puts not only a tremendous strain on your network, but it also damages your reputation. Modus filters both inbound and outbound traffic, and protects your company from often involuntary and unknown insider attacks (zombie drones...).

MODUS PROTECTS AGAINST INFORMATION LEAKAGE OR INAPPROPRIATE CONTENT

Although they can vary widely in nature and degree, many corporations want to ensure a hostile-free, professional work environment. Through its Sieve scripting engine, the Modus technology helps you enforce your e-mail policies, protect your reputation and garner employee trust by analyzing e-mail for abusive language, forbidden attachments or proprietary information (avoiding accidental leakage).

MODUS PROTECTS YOUR CRITICAL DATA

Modus brings e-mail security to another level with its support for 128-bit TLS encryption. It allows Corporations deploying it within their e-mail infrastructure to benefit from complete secure e-mail communication, from the end user through to the gateway, and to the remote recipient if the destination e-mail server supports TLS. This extended level of protection is crucial for hyper-secure environments like in financial or legal institutions.

Reducing the Total Cost of Ownership (TCO)

Even when highly competitive like ours, we know that the product price is just a small part of the total cost of ownership. Managing thousand e-mail users often represents half of a full-time job. That is why Vircom delivers unique management capabilities to render e-mail administration simple and efficient.

AUTOMATED MANAGEMENT

ModusMail completely integrates with industry-leading ISP billing packages such as Platypus, Rodopi or LogiSense and supports multiple external databases including MS Access, MS SQL, PostgreSQL... allowing automation and integration of mailbox account management.

Through standards-based lookups (LDAP, MS Active Directory...), the ModusGate is aware of the user account and alias management done on the mail server and seamlessly inherits it without human intervention. This integrated management eliminates multiple quarantines and administration hassles.

AUTHORITY DELEGATION

Because your users are not all the same, Modus allows system managers to differentiate numerous settings (scanning options, report scheduling, whitelist, blacklist...) at user and domain levels.

Through Modus' powerful authority delegation, administrators can allow advanced users to manage their individual settings (via their WebQuarantine interface) avoiding administrative burden and force corporate-wide settings for less experienced users to avoid improper configurations.

PERFORMANCE & MONITORING

Wherever Modus is placed in your network, its operations can be monitored using a real-time dashboard display, SNMP, and Windows™ performance monitors. At a glance, system managers can determine the system's complete operational status and view real-time usage statistics. Server operations can be managed either locally or through Modus' convenient web interface.

About Vircom

Vircom is not a typical software developer. They are a forerunner of email assurance. The company has been in the industry for over 10 years. It understands its markets, the e-mail challenges they face, the fact that there is more to email assurance than just anti-spam or anti-virus. *That is why Vircom's own well-architected Modus technology is designed to address existing threats (spam, virus, Phishing, DoS...) but also to quickly adapt to new threats or standards as they emerge!*

Throughout its development, Modus technology has earned numerous awards from industry experts including SC Magazine and Network Computing. Equally telling are the success stories of Vircom clients from all over the world - including NASA, Toshiba, Time Warner Cable, Sheraton Hotels & Resorts, The Hard Rock Café and the European Committee for Standardization (CEN) - who use and recommend Modus as their leading secure e-mail management technology.

