

Modus: Smart email assuranceSM technology.

Truly innovative technology from the company with the longest track record of award-winning email assurance products and services.

- Up to 15 different methods of email assurance
- Auto-updating of anti-spam characteristics
- Support of 8 user interface languages and character sets
- Multi-level, sender address-based allowed/denied screening
- Highly customizable attachment blocking with "fingerprinting"
- Anti-phishing with auto-updates
- Server authentication
- Supports customization of content analysis scripts to tune screening behavior or implement policy management
- Inbound & outbound email quarantines
- Available with leading anti-virus protection from McAfee[®] and Norman Data Defense[®]
- Supports TLS encryption
- Suitable for both low or high volume environments
- Available in ModusGate (gateway) and ModusMail (mail server) or as an SDK and API for integration into 3rd party software

Email Assurance: Trust Your Email... or Else

Today, email communications are at the very core of your business. If you don't have confidence in your email, then you *can't* have confidence in a large and growing part of your entire corporate communications infrastructure. You simply cannot afford to let your email communications be compromised or threatened by anything: not viruses, not spam, not phishing, not fraud, or out-of-policy communications. It's that important.

Modus: Not Just "Warmed-over" Open Source Technology. And Not Just Any Supplier

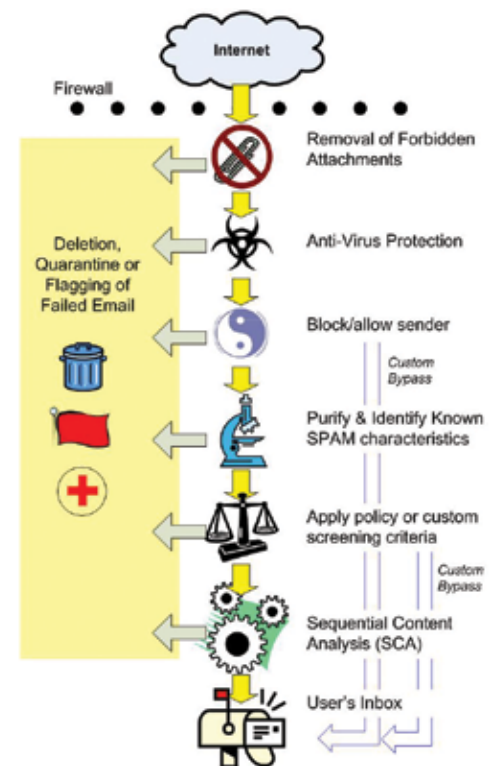
You have many anti-spam and so-called email security software packages and vendors to choose from. Many use conventional anti-spam code based on the Open Source Initiative, warmed over to make a proprietary package. While most have essentially the same capabilities – they also have the same limitations! *One issue is that Open Source technology is an open-book to spammers. But a larger issue is that there is more to email assurance than just anti-spam or anti-virus. Vircom's Modus technology is designed to address spam, virus and policy threats but also to be able to quickly adapt to new threats as they emerge.*

Modus technology has been independently developed by the company that first specialized in email assurance software: Vircom. Vircom has more email assurance experience than any other supplier. Vircom has been at it since 1995 and their products are used by service providers, corporate IT groups and systems integrators all over the world. Not least, Vircom has a long, award-winning track record of effective email assurance solutions.

Modus is Smart. Very Smart

The heart of all Vircom Email Assurance products is its Modus technology. It was created from the realization that there is no single tool that can adequately solve the complex problems that threaten email productivity today. As a result, its Modus[™] technology combines several different tools to optimize spam and virus protection and also offer administrators the powerful management and monitoring features they need.

Modus technology is typically deployed as part of a mailserver, gateway or appliance which can be integrated with any existing network server. Its flexible design provides the comprehensive email protection necessary to meet today's threats as well as the necessary flexibility and scalability to meet tomorrow's. In front of your existing servers, it provides a full suite of filtering and intrusion prevention features, including perimeter defense, sender authentications and accreditation layers, Denial-of-Service (DoS) protection, hacking prevention, and attachment blocking – all managed within two powerful filtering engines that ensure optimal and unequalled accuracy in catching threatening email and ensure versatile email policy management.



Modus-based products are available from:

ModusGate Intercepts Early

Modus technology begins before accepting an email message for delivery. It is the first defense against DoS, OpenRelay and harvesting attacks. It validates the sending server against appropriate accreditation services and authenticates the sender, if possible. If the message cannot be validated, Modus will not accept the message and thereby avoids spending valuable system resources on handling a message known to be bad. This step alone can reduce unwanted email traffic and processing of unwanted email traffic by as much as 75%!

Attachment Screening

Then, Modus examines email attachments using a configurable schema to scrutinize specific file formats, enforce your own organization's email policies and trap any unblocked viruses. Applying optional added virus protection (based on McAfee[™] or Norman Data Defense[™]) locks viruses away from user inboxes and provides extra security even in virus-protected environments.

Sender Scrutiny

Modus next determines whether email should be blocked (blacklisted) or passed (whitelisted) based on sender information. User configurability ensures a versatile, multi-level, and secure scrutiny of emails.

Content Purification & Analysis

Modus proprietary "purification" processes then examine message contents through *two distinct analysis engines* to neutralize any form of hidden code or identify spam characteristics with the email structure.

Modus compares administrator-customized scripts prepared through Vircom's Sieve[™] facility to manage email against the user's policy or as a fall-back to block worm or Trojan outbreaks. Then, Modus passes the email through its Sequential Content Analysis (SCA[™]) engine. This proprietary process performs a statistical analysis of the content of the email message using a binary, dictionary-less, language agnostic method in which to access spam patterns. The SCA analysis is performed against the latest spam identification rules which are automatically updated from Vircom. Altogether, this provides unparalleled accuracy and a virtually false-positive-free process.

Bottom Line: 98%+ Filter and up to 99.9% False-positive Accuracy

Modus-based products or services offer an unbeatable email assurance value to both service providers and administrators of corporate email servers. In test after test, the Modus-based technology proved 98%+ accurate and offered 99.99% protection against false-positives.

Vircom was the first developer to specialize in intelligent email assurance and security solutions. It has been offering industry-leading and award-winning solutions since 1995. The company is based in Montreal, Canada and provides email assurance solutions to service providers, corporations, and governmental institutions around the world.

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"I did not think it was possible to have such an effective spam-fighting solution."

Jean-Pierre Breedstraet, CEN, European Committee for Standardization

Other Vircom Offerings

- ModusMail[™] – scalable email assurance mail server
- ModusGate[™] – versatile email assurance gateway
- ModusGate Appliance – ready-to-go email assurance gateway
- VOP Radius – authentication, authorization and accounting servers
- Developer Tools – secure email development tools
- Modus OEM technology licenses