



*“This product exemplifies what administrators should expect in an appliance: a drop-in approach to installation, great ease of use, and performance comparable to the best in the field. Most organizations should find installing the MD450 completely painless, as it comes with installation support.”*

*InfoWorld, December 31, 2003*

## Mirapoint's RazorGate 450 Stops Spam

Mirapoint's RazorGate 450 email security appliance provides the industry's best protection against spam, viruses, hacker attacks, and other security threats that challenge today's message networks. The product, which had been known as the Message Director MD450 and is now being sold as the RazorGate 450, is part of a broader family of email security appliances offered by Mirapoint.

According to an *InfoWorld* product review, the RazorGate 450 “provides incoming and outgoing policy enforcement; spam filtering and virus protection; an HTTP proxy; directory-harvest protection; password-attack protection; integrated LDAP routing; POP and IMAP servers; Web and SSL access to email; and intrusion detection.”

The product includes proprietary MailHurdle™ technology, which addresses message traffic at the SMTP-layer

*“Corvigo's appliance bested CipherTrust's box and MessageLab's service in this round of anti-spam reviews, but Mirapoint MD450 (now RazorGate 450) remains the smartest spam-stopper.”*

*InfoWorld, February 16, 2004*

first to block and drop unwanted SMTP connections right at the network edge. Other solutions use complex CPU-intensive analytic methods that require the email gateway to accept a message into the network before any security protection is applied. MailHurdle technology has been proven to cut out 80 percent

of unwanted traffic before any storage, processor, bandwidth, or administrator resources are wasted. Once MailHurdle has finished executing, the remaining 20 percent of traffic is analyzed through

450 automatically throttles back SMTP-layer activity and identifies the address for future blocking. In addition, messages with invalid recipients are dropped at the edge of the network,



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Mirapoint's integrated, multi-layered spam and virus filtering techniques, yielding cumulative catch-rates in excess of 98 percent.

“After installing the Mirapoint MailHurdle technology, we've been able to drop more spam and viruses at the network edge and reduce overall traffic from 450,000 to 150,000 messages per day,” said Jason Holt, network analyst at California Polytechnic State University in San Luis Obispo. “This has increased productivity and email response times for the tens of thousands of Cal Poly users, as well as dramatically reduced the administrative burden associated with managing junk mail.”

RazorGate 450 also includes directory harvest protection, a feature that employs a recipient check of incoming email to ensure it is a valid recipient address. If the recipient check does not match and continued activity from a specific address is identified, RazorGate

resulting in no processing overhead. The product also verifies legitimate email senders and prevents the forging of email from inside an organization's network. This is especially useful in ISP or university environments, where email address ‘spoofing’ may be an issue.

Other new features include email behavior analysis techniques. At the SMTP layer, RazorGate 450 looks for unusual or non-RFC compliant activity and alerts administrator or blocks connection. For example, unusual SMTP connections without appropriate HELO information can be identified as a potential threat and throttled or blocked. With connection management, the product offers complex intelligence for managing all incoming and outgoing SMTP activity, as well as other protocol activity (like POP and IMAP). It responds to unusual or abusive behavior that might signify a threat (such as unusually high SMTP activity from single address that could be a spammer). ■