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**HOWARD**<sup>™</sup>  
TECHNOLOGY SOLUTIONS

## Mirapoint RazorGate

RG100, RG350, RG500

MIRAPOINT DELIVERS PROVEN, APPLIANCE-BASED SOLUTIONS WITH CARRIER GRADE RELIABILITY TO BUILD A SECURE MESSAGING INFRASTRUCTURE WITH CENTRALIZED CONTROL AND SIMPLIFIED MANAGEMENT – ALL AT A DRAMATICALLY LOWER COST.

PRODUCT DATA SHEET



- Simple design for deployment in minutes
- Unique MailHurdle™ connection management technology blocks 60-80% of threats at the edge
- Multi-layered spam protection yields 98% catch-rates with virtually zero false positives
- Integrated, industry-leading RAPID zero hour virus engine
- Unique wiretap capability that is transparent to end-users
- Secure, hardened operating system with no known exploits
- Integrated mail routing and queue management
- Proven 99.999% reliability with redundant hardware components for increased reliability (available on the RG350 and RG500)

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### The Challenge

With the increasing security concerns of today, it is necessary to protect message networks from both internal and external threats such as viruses, spam and hacker attacks, while meeting the organization's legal, liability, and business continuity needs.

### The Mirapoint Solution

Mirapoint's RazorGate® email security appliance delivers unparalleled multi-layered protection from spam, virus and hacker attacks. It provides real-time updates to reduce the window of vulnerability resulting in airtight security at the edge of the network. The appliance form factor makes it easy to deploy with minimal ongoing administration.

### Features and Benefits

**Spam Detection:** Mirapoint's multi-layered security starts with MailHurdle connection management technology. MailHurdle drops up to 80% of spam at the edge before network bandwidth, storage, processor and administration resources are spent. When combined with RAPID Anti-Spam and other protection mechanisms such as DNSBL, overall catch-rates upwards of 98% are achieved. RAPID is able to detect spam outbreaks in any language or message format as they emerge providing up-to-the-minute protection.

**End-User Junk Mail Management Features:** Mirapoint's innovative Junk Mail Manager allows a personal quarantine for detected spam, relieving the user's inbox, and protecting core messaging resources. Each user gets a personalized summary within their inbox allowing them to monitor the effectiveness of the quarantine.

**Virus Protection:** Signature-based virus protection can leave a network vulnerable for up to 24 hours before updates are available. With viruses quickly propagating across the Internet, this protection alone is not enough. Mirapoint combines a traditional signature-based virus engine with Mirapoint's RAPID Anti-Virus engine to offer zero hour protection. Viruses are identified within two minutes of an outbreak, providing the most comprehensive protection available.

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**Policy Management:** RazorGate provides a flexible content filtering capability that can monitor inbound and outbound message traffic, allowing the establishment of corporate policies and aiding in compliance requirements such as Sarbanes-Oxley and HIPAA. A flexible filtering action list includes archive, silent wiretap, redirect, quarantine, and blocking based on keywords, message attributes, and attachment contents. The quarantine facility allows administrators to inspect messages before deciding if they should be delivered, redirected or rejected.

**Quarantine Queue:** The Mirapoint quarantine queue works with Mirapoint content filtering and policy enforcement tools to allow administrators to manage inbound and outbound messages.

Administrators can inspect the entire message, including headers, body and attachments, and then decide to approve, reject or redirect the message.

**Secure System:** Mirapoint has designed the messaging appliance from the ground up with security in mind starting with the hardware. Standard security practices (such as locking down unused TCP ports, and ensuring that unneeded services do not run) are implemented out of the box, and secure communications including Secure Shell (SSH) and Secure Sockets Layer (SSL/TLS) are available as standard.

**Simplified Management:** RazorGate incorporates a simplified web based management console that allows the administrator to configure the system and monitor operations. RazorGate also provides standard remote monitoring tools, including email alerts and SNMP.

## Feature Checklist

<p><b>Mirapoint Unique</b></p> <ul style="list-style-type: none"> <li>MailHurdle</li> <li>DirectPath (High Performance)</li> <li>Junk Mail Manager</li> </ul> <p><b>Policy Controls</b></p> <ul style="list-style-type: none"> <li>Content Filters</li> <li>Word Lists</li> <li>Wiretap</li> <li>Quarantine</li> <li>Attachment Filters</li> </ul>	<p><b>Anti-Spam</b></p> <ul style="list-style-type: none"> <li>RAPID Anti-Spam</li> <li>Signature Based Protection</li> <li>True Language Independence</li> <li>DNSBL Support</li> <li>Vipul's Razor</li> <li>IP and DNS Allowed/Blocked lists</li> <li>Customizable Tags</li> <li>Content Filtering</li> <li>Phishing Protection</li> </ul>	<p><b>Anti-Virus</b></p> <ul style="list-style-type: none"> <li>RAPID Zero Hour Anti-Virus</li> <li>Sophos Anti-Virus</li> <li>F-Secure Anti-Virus</li> <li>Inbound/Outbound Monitoring</li> <li>Customizable Actions</li> <li>Customizable Messages</li> <li>Attachment Blocking</li> </ul> <p><b>Standards Support</b></p> <ul style="list-style-type: none"> <li>SMTP, ESMTP, HTTPS,</li> <li>TLS/SSL, SNMP</li> </ul>	<p><b>MTA Functionality</b></p> <ul style="list-style-type: none"> <li>Reverse DNS Check</li> <li>Anti-Harvesting Protection</li> <li>Domain Allowed/Blocked Lists</li> <li>Closed Relay Protection</li> <li>LDAP Routing Support</li> </ul> <p><b>Management</b></p> <ul style="list-style-type: none"> <li>Setup Wizard Utility</li> <li>Hardened OS</li> <li>Health Monitoring</li> <li>Reports, Graphs and Logging</li> <li>System Activity Monitoring</li> </ul>
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SPECIFICATIONS	RG100	RG350	RG500
Processor	Single Intel Pentium 4 - 3.0GHz with 2 MB cache	Single Intel Pentium 4 - 3.4 GHz	Dual 3.6 GHz Intel® Xeon™ processors 800 MHz FSB
Memory	512 MB ECC DDR SDRAM	1 GB ECC DDR SDRAM	2 GB ECC DDR SDRAM
Networking	Two 10/100/1000 BaseT Ethernet ports	Two 10/100/1000 BaseT Ethernet ports	Two 10/100/1000 BaseT Ethernet ports Additional ports optional
Storage Capacity	50 GB	53 GB or 113 GB	53 GB, 113 GB or 225 GB
Storage Interface	ATA	High performance SCSI RAID	High performance SCSI RAID
Redundancy		Battery backed cache and hot spare disks	Battery backed cache and hot spare disks, redundant power supplies
Backup Interface	RMT and NDMP	RMT and NDMP	RMT and NDMP, Tape backup using U160 SCSI Interface (LVD)
Configuration and Monitoring			Built in LCD Screen
Form Factor	1U; 19" rack-mountable unit size	1U; 19" rack-mountable unit size	2U; 19" rack-mountable unit size
<b>WARRANTY</b>	<b>Hardware:</b> 1 year warranty <b>Software:</b> 90 day warranty includes email only support and updates <b>Support:</b> Annual contracts offered for 9x5 or 24x7 support including software updates		