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## IronMail E-Class

Secure Computing® has been solving the most difficult network and application security challenges for over 20 years, and is uniquely qualified to be the global security solutions provider to organizations of all sizes.

“IronMail was simple to install and the support has been second to none. Across the board the product delivered everything it said it would and we couldn’t be happier.”

– Moffitt Cancer Center

### IronMail E-class benefits

- **Maximize ROI with the best message-handling performance of any e-mail security solution available**
- **Reduce costs by combining e-mail security functionality into a single, easy-to-use appliance**
- **Reduce load on e-mail systems by controlling all incoming and outgoing mail and presenting a hard face to the Internet**
- **Enforce corporate policy and comply with strict regulations with multiple encryption options**
- **Prevent attacks at the gateway before they reach vulnerable internal mail servers**
- **Stay ahead of the latest e-mail security threats through Secure Computing’s industry-leading research team and Threat Response™ service**

## Powerful protection for enterprise e-mail environments

Enterprise e-mail systems are a prime target for a host of costly attacks, including inbound threats such as spam, viruses, hacking, worms and Trojan horses, and outbound threats like corporate or regulatory policy abuse and corporate espionage. Because modern-day spam and “zero-day” viruses can spread around the world in just minutes, they require an adaptive, rapid-response approach to defending your enterprise mail servers. Trusted by the world’s largest and most respected organizations, including more than 40 percent of the Fortune 500, the IronMail® E-class e-mail gateway appliance provides the most effective, comprehensive protection for corporate messaging environments. The E-class combines the critical elements of a comprehensive e-mail security approach into a single hardened platform that provides immediate ROI and meets the high-performance demands of today’s busy enterprise networks.

## High performance, low overhead

Designed to meet the needs of the most demanding enterprise environments, the IronMail E-class features available are the dual Intel® Xeon processors, dual gigabit network interface cards, redundant power supplies and RAID-5 hard drive configuration, resulting in the fastest true throughput available and unparalleled reliability.

Because the IronMail E-class combines multiple e-mail security elements into a single platform and requires minimal ongoing maintenance, it allows corporate IT staffs to focus on their primary task of keeping your network operating at peak efficiency, without worrying about managing a complicated security infrastructure.

## Outbreak Defender anti-virus

Outbreak Defender™ takes anti-virus beyond simple attachment filtering to close the window of vulnerability that occurs between when an attack first emerges and when a signature is available:

- **Multiple Detection Techniques:** IronMail combines all known virus detection techniques, including a unique ability to utilize multiple virus signature engines simultaneously, keyword policies, file extensions, deep attachment inspection, file behavior analysis, sender reputation and sender behavior analysis.
- **Stopping Infected Outbound Mail:** In the event of an outbreak that begins inside your enterprise, IronMail ensures that it cannot spread through your e-mail gateway to the outside world, assuring your enterprise that no such messages will ever reach your business partners or customers, preserving your corporate reputation and protecting you from liability.

## Accurate and effective anti-spam

IronMail’s Message Profiler™ technology utilizes a variety of detection techniques to examine thousands of characteristics of every message, generating a precise score that helps determine the probability that a message is spam or some other threat.

## Policy and regulatory compliance

Company policy and regulations such as HIPAA, GLBA and Sarbanes-Oxley demand the security of protected information in transit. By using many of the same techniques used to detect spam and viruses, the E-class provides industry-leading e-mail content analysis tools to ensure the tightest control of sensitive content.

## Policy-based transparent encryption

The IronMail E-class offers multiple encryption technologies, ensuring that messages can be delivered and received securely without any end-user action:

- **Business-to-Business:** IronMail E-class can encrypt messages from gateway-to-gateway via industry standard TLS or legacy systems such as S/MIME and OpenPGP.
- **Business-to-Consumer:** IronMail E-class allows recipients with no encryption capabilities to receive encrypted messages from IronMail-protected senders via a familiar Web interface. Multiple encryption techniques can be used in tandem, removing any questions that may arise over conflicting technologies.

## Continuous technology innovation

**TrustedSource™:** Secure Computing's TrustedSource behavior-based sender reputation system predicts the behavior of a sender, even if that sender does not have an established reputation. As opposed to other offerings that do not integrate reputation into spam scoring, leveraging TrustedSource data ensures the most accurate and effective spam blocking.

**Connection Control™:** Connection Control leverages data from the TrustedSource reputation system and rejects mail from senders that have a history of sending spam, resulting in dramatically increased throughput.

**File Behavior Analysis™:** File Behavior Analysis examines each attachment's binary code to determine the actions it would take if opened by an end user. Is the attachment designed to write to the system registry or delete files? If so, IronMail identifies this potentially malicious behavior and stops the message before the attachment passes through the gateway.



Figure 1: The IronMail E-class dashboard provides a real-time view of both inbound and outbound e-mail traffic in your enterprise environment.

## World-class support and maintenance

### Threat Response

- Continuous, real-time updates for spam and virus protection
- Regular optimization updates to maximize the effectiveness of the Message Profiler
- Threat definition updates

### Platinum Support

- 24x7 support site access
  - Product news & updates
  - Product documentation
  - Knowledge base
- 24x7 U.S.-based Level 1 phone support
- 24x7 e-mail support
- 2-hour response time
- Advanced hardware replacement service

	E-class Model	E2000	E5000
<b>Basic Specifications</b>	# of Processors	1	2
	Available Hard Disk Capacity	80 GB	273.4 GB
	# of Hard Disks	80 GB x 2	73 GB x 6
<b>H/W Availability</b>	RAID Level	Level 1	Level 5 + Hot spare
	Redundant Power Supply	None	Yes
	Redundant Fan Module	None	Yes
<b>Network Interface</b>	NIC (Mbps)	10/100/1000 x2	10/100/1000 x2
	Serial Port	DB9 x 1	DB9 x 1
	Other Port	PS2 Keyboard, VGA	PS2 Keyboard, VGA
<b>Dimensions and Power Supply</b>	Physical Dimensions (mm)	43.25 x 430 x 672	87.5 x 430 x 672
	Max Weight (Kg)	14.1	27.22
	Shipping Weight – Budget (Kg)	26	44
	Rack Mount Size	1U	2U
	Power Voltage	100-240 V	100-240 V
	Power Current	8.2 – 4.1 A max	8.9 – 4.5 A max
<b>Operating Environment</b>	Power Consumption (Typical – Max)	300 W	700 W
	Operating Temperature (C)	10 – 45 deg	10 – 35 deg
	Relative Humidity (Non-Condensing)	10 – 85%	10 – 90%
	Storage Humidity (Non-Condensing)	10 – 85%	10 – 90%

Figure 2: IronMail E-class hardware specifications

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### For more information

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