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Secure Computing® is a global leader in Enterprise Gateway Security solutions. Powered by our TrustedSource™ technology, our award-winning portfolio of solutions help our customers create trusted environments inside and outside their organization.

“We’re excited about what the Edge appliance can do for us in limiting traffic and blocking unwanted spam.”

– Charlie Gautreaux,
Charlotte Pipe & Foundry Co.

Edge Benefits

- **Cuts incoming email volume by 50-80% by rejecting unwanted messages at the gateway, without hindering the delivery of legitimate mail**
- **Lowers mail infrastructure costs by freeing up bandwidth and mail processing capabilities, allowing for faster message throughput**
- **Controls infrastructure growth by eliminating the need for additional expensive mail gateways or servers**
- **Easy to install and compatible with any type of messaging server**
- **Traffic shaping technology convinces malicious senders to shift their attention elsewhere**

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Secure Computing Edge

Block 92% of Spam Before it Hits Your Network

The Secure Computing Edge™ email security appliance was designed specifically to address the issue of rising email volume. Positioned at the perimeter of the mail system, Edge controls traffic at the network border, rather than at the mail server or desktop. Secure Computing designed the Edge appliance with a hardened operating system, a proprietary Message Transfer Agent (MTA) and Mail Intrusion Detection System for complete security; integrated traffic shaping technology helps ensure that those who would consider sending spam to your enterprise network will seek other targets. Edge also blocks hacker assaults that use methods such as denial-of-service attacks, Telnet, or ping attacks and buffer overflow attacks.

Operates at Network Connection Level

Edge relies on data leveraged from TrustedSource, Secure Computing’s revolutionary behavior-based reputation system, for information about every message that attempts to enter the enterprise’s mail servers. TrustedSource is the first and only reputation system to combine traffic data, behavior patterns, network characteristics and outbreak detection with the unparalleled strength of global enterprise data. Edge customers report an average of 50-80% of all emails are discarded as unwanted, eliminating this traffic from clogging up their email servers.

IP-Based Sender Identification

When malicious senders try to use new techniques to evade detection, Edge will still recognize the origin of the message and block it. Email security solutions that do not employ IP, domain, message, and URL reputation scoring will be unable to maintain their effectiveness against new threats.

Traffic Shaping

Messages from unknown IP senders are restricted to smaller bandwidths, ensuring that good traffic won’t be bottlenecked.

Highly Scalable

Edge is flexible enough to meet the needs of organizations of any size, with true throughput capabilities of one million email messages per box, per hour.

Flexible and Failsafe

Edge is interoperable with all existing mail security gateways and mail servers so there’s no need to change the existing infrastructure. Additional functionality provides round-robin load balancing and fail-over between all mail gateways. If all mail gateways are unavailable, Edge will write the messages to disk and reattempt delivery intermittently until a gateway is available.

LDAP Integration

Edge can be integrated into the corporate Active Directory or LDAP user databases. This added information allows Edge to automatically reject any message addressed to an individual not on the corporate directory.

Plug-and-Play Configuration

During installation, Secure Computing provides best practices data that advises administrators of exactly which settings will work best in their environment. The configuration of the appliance is handled automatically; when the Edge appliance connects to the Internet, Secure Computing delivers a configuration package to the machine that reflects the current best practices in use around the world.

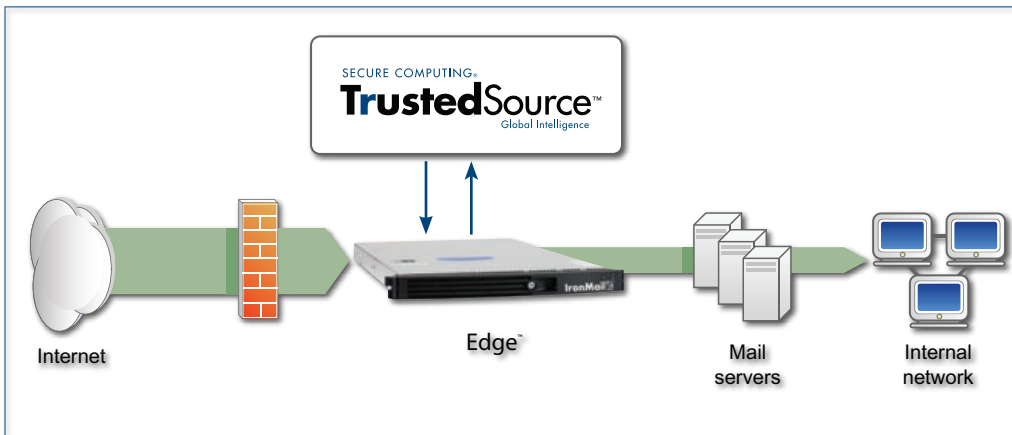


Figure 1: The Edge appliance provides an extra layer of protection against unwanted email by querying the TrustedSource reputation system to determine the quality of the sender and the message, eliminating up to 92% of spam at the gateway.

Improved Virus Protection

Memory-based anti-virus integration is on the box, enabling viruses to be caught and eliminated at the gateway before they can enter the network.

Simple Administration

The Edge appliance is easy to install. The SmartStart™ wizard-driven setup is intuitive, guiding the administrator through a quick step-by-step process with a point-and-click interface. Administrators are required only to determine the threshold score range that classifies messages as good, suspicious or bad.

Conclusion

As spam and email-borne threats increase, the need to protect mission-critical servers is essential. Edge sits on the perimeter of the network, and using the global intelligence of TrustedSource, provides the following benefits:

- Protects the network from spammers, hackers, and malware
- Ensures end-users receive good emails quickly and reliably
- Maximizes bandwidth utilization
- Minimizes infrastructure expenses
- Improves overall security

Basic specifications	# of processors	2
	Hard disk capacity	80GB 7200.7 SATA/150
	# of hard disks	80GB x2
HW availability	RAID level	Level 1
	Redundant power supply	Hot-swap 520W PFC 1+1
	Redundant fan module	None
Network Interface	NIC	10/100/1000 Mbps x2 (Mail flow x1, Management x 1)
	Serial port	DB9 x 1
	Other port	PS2 Keyboard, VGA
Dimensions and power supply	Physical dimensions (HxWxD)	43.25x430x698mm
	Max. weight	15.9Kg
	Shipping weight (budget)	28Kg
	Rack mount size	1 U
	Power voltage	100-240V
	Power current	7.4 - 3.7A maximum
Operating environment	Power cons. typical - max	520W
	Operating temperature	10 - 35° C
	Relative humidity	10 - 90% non-condensing
	Storage humidity	10 - 90% non-condensing

Figure 2: Edge hardware specifications.

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For more information

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