CipherTrust Edge™

Stop Unwanted Mail Before it Hits Your Network

The CipherTrust Edge e-mail security appliance was designed specifically to address the issue of rising e-mail volume. Positioned at the perimeter of the mail system, CipherTrust Edge controls traffic at the network border, rather than at the mail server or desktop. CipherTrust 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 ensures that those who would consider sending spam to your enterprise network will seek other targets. CipherTrust 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:** CipherTrust Edge relies on data leveraged from TrustedSource™, the revolutionary behavior-based sender reputation system developed by CipherTrust, for information about every sender that attempts to connect to 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.

- **IP-Based Sender Identification:** When malicious senders try to use new techniques to evade detection, CipherTrust Edge will still recognize the origin of the message and block it. E-mail security solutions that do not employ IP-based reputation scoring will be unable to maintain their effectiveness against new threats.

- **Traffic Shaping:** By identifying and blocking known malicious IP addresses, CipherTrust Edge can reduce the intake of messages by up to 70%. This is critical in handling the ever-increasing volumes of mail sent to enterprises.

- **Highly Scalable:** CipherTrust Edge is flexible enough to meet the needs of organizations of any size, with true throughput capabilities of three million e-mail messages per box, per hour.

- **Failsafe Delivery:** Edge is interoperable with all existing mail security gateways and mail servers. Additional functionality provides round-robin load balancing and fail-over between next hops for all mail gateways. If all mail gateways are unavailable, CipherTrust Edge will write the messages to disk and reattempt delivery intermittently until a gateway is available.

- **Plug-and-Play Configuration:** During installation, CipherTrust 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, CipherTrust delivers a configuration package to the machine that reflects the current best practices in use around the world.

- **Simple Administration:** The CipherTrust 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 senders as good, suspicious or bad.

"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.

Benefits

Cuts incoming e-mail volume by up to 70% 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
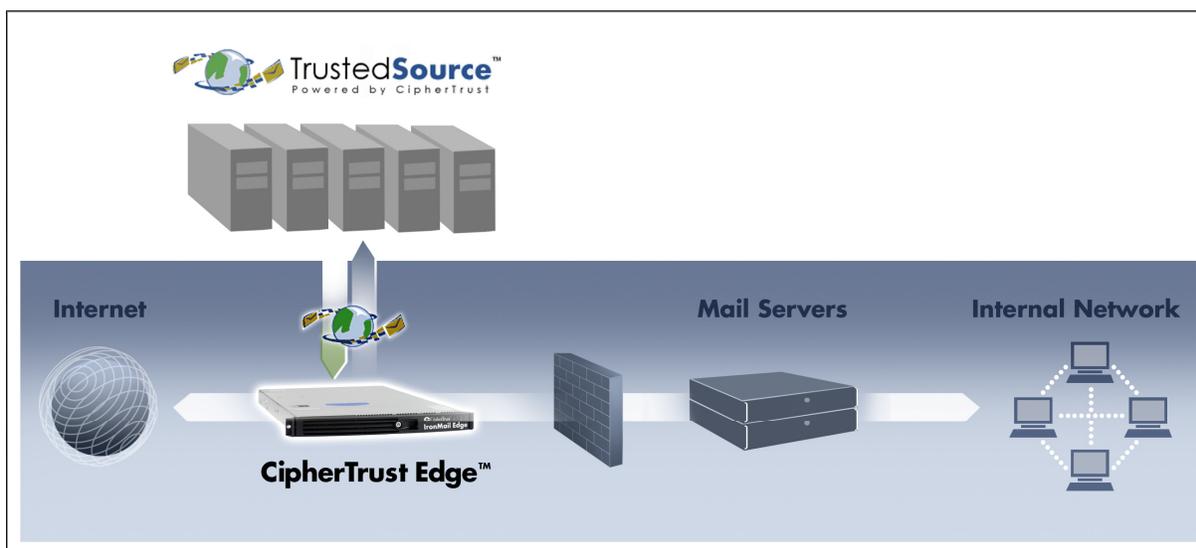
Controls infrastructure growth by eliminating the need for additional expensive mail gateways or servers

Easy to install and compatible with any type of messaging server, including Exchange, Notes and Domino

Traffic shaping technology convinces malicious senders to shift their attention elsewhere

CipherTrust Edge is connected to the TrustedSource behavior-based sender reputation system, which provides highly precise reputation scores and ensures the most accurate threat detection and prevention available. The data provided by TrustedSource allows CipherTrust Edge to make informed decisions when handling incoming mail:

- Connection requests from known bad senders such as a spammers or hackers are rejected immediately, without accepting any data into corporate network, and the sender is notified that the message was not allowed through.

- When a sender receives a score from TrustedSource that falls into the "suspicious" range, CipherTrust Edge will again reject the connection, but will ask the suspicious sender to retry in order to validate the sender's identity. This traffic shaping, or throttling, is very effective in slowing down the volume of bad e-mail.

- Messages from trusted senders will pass through the CipherTrust Edge box to the mail server with no additional processing.

Category	Specification	Value
Basic Specifications	# of Processors	2
	Hard Disk Capacity	80GB 7200.7 SATA/150
	# of Hard Disks	80GB x2
H/W 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
	Power Cons. Typical - Max	520W
Operating Environment	Operating Temperature	10 – 35º C
	Relative Humidity	10 - 90% non-condensing
	Storage Humidity	10 - 90% non-condensing

About CipherTrust, Inc.

CipherTrust, Inc., the global market leader in messaging security, provides innovative layered security offerings to stop inbound messaging threats such as spam, viruses, intrusions and phishing, and protect against outbound policy and compliance violations. CipherTrust's integrated best-of-breed capabilities deliver maximum availability and unmatched security, effectiveness and enterprise manageability across multiple communication channels, including e-mail, instant messaging and Web-based mail. Recognized by IDC as the market leader for secure content management appliances in 2004, CipherTrust protects the messaging infrastructure of more global enterprises than any other vendor, including more than one-third of the Fortune 500. CipherTrust is backed by top-tier investors including Battery Ventures and Greylock Partners. For more information about CipherTrust, please visit www.ciphertrust.com or call 877-448-8625.

Corporate Headquarters
CipherTrust, Inc.
4800 North Point Parkway
Suite 400
Alpharetta, GA 30022
+1 (877) 448-8625
sales@ciphertrust.com

U.S. West Coast Headquarters
CipherTrust, Inc.
155A Moffett Drive
Suite 210
Sunnyvale, CA 94086
+1 (408) 747-1450

European Headquarters
CipherTrust Europe Ltd.
Unit 5, Milton Park
Abingdon, Oxon OX14 4RR
United Kingdom
+44 (0)870 990 5516
emea.sales@ciphertrust.com

Asia-Pacific Headquarters
CipherTrust, Inc.
Suite 2402
1 Harbour Road
Wanchai, Hong Kong
852-25989280 main
apac.marketing@ciphertrust.com

CipherTrust
The Leader in Messaging Security

www.ciphertrust.com