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BLUE COAT MAIL THREAT DEFENSE - S400

Secure Email Against Targeted Phishing Attacks

DATASHEET

Email is one of the most common attack vectors used by hackers to get into your corporate network. Attackers will send targeted communications "phishing" for information they can use to perpetrate other attacks and establish a foothold in your organization they can use to spread. They may try to trick your users into providing sensitive data – such as usernames and passwords, financial records, etc. – or get them to click on a link or open a file that contains malicious code that automatically infects the endpoint. To protect against these types of attacks, you need a solution that is capable of identifying and preventing the varied phishing methods attackers deploy – you need Blue Coat Mail Threat Defense.

Blue Coat Mail Threat Defense protects against email-borne malware in links and attachments that are activated by unsuspecting end users. The solution can identify and extract malicious content from an email before it is delivered to the user to neutralize the attack. As a result, you can effectively enforce corporate security policies and keep your resources safe, without impacting the user's experience.

Blue Coat Defeats Targeted Attacks

Mail Threat Defense inspects and analyzes all email messages for malicious content before they arrive in the targeted user's in-box. If there is malware contained within embedded URL links or file attachments, Mail Threat Defense will identify it and actively block, alter, or quarantine the message, based on the severity of the threat and your corporate security policy. The solution has no impact on the user experience, beyond ensuring they only receive sanitized, safe messages in their inbox.

Eliminates Known Attacks

Mail Threat Defense scans embedded file attachments and URL links to identify known malware and takes action based on your corporate security policy. The solution also identifies files and URLs that are known to be good and sends those safe messages on to the user. Mail Threat Defense applies a variety of sophisticated techniques to quickly identify both known bad and good files and URLs, including:

- URL Filtering
- File Hash Reputation
- Anti-Virus Detection
- Static Code Analysis

The solution leverages Blue Coat's Global Intelligence Network, which is monitoring and codifying the threats encountered by users worldwide, to constantly update and improve these techniques.

Uncovers New Attacks

Mail Threat Defense can identify never-before-seen, unique and zero-day malware It extracts any unknown files and URLs it detects and sends them to the Blue Coat Malware Analysis Appliance for identification and risk scoring. The Blue Coat Malware Analysis Appliance is

AT A GLANCE

Defeats Targeted Attacks

- Ability to identify attacks in embedded file attachments and URL links
- Delivers screened and sanitized email messages to end users

Eliminates Known Attacks

- Uses sophisticated techniques to quickly identify both known bad and good files and URLs
- Leverages the global intelligence network to stay up-to-date on the latest threats

Uncovers New Attacks

- Uses precise detonation chambers to uncover new, zero-day attacks. Understands the risk level of new attacks with targeted malicious risk scoring

Provides Configurable Security Policies

- Supports the unique security enforcement need of the organization
- Balances message delivery speed, user autonomy desires and business needs

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an advanced, multi-stage sandbox that uses precisely tailored, gold-image detonation chambers to perform recursive analysis on any primary files or URLs, plus any subsequent "dropped" files and callback URLs. It uses:

- Static Code Analysis
- Dynamic/Behavioral Analysis
- Reputational Analysis
- YARA Rules Analysis

The solution will then provide a targeted risk score for the malware it has discovered, so you can effectively address and mitigate the risk posed by this previously unknown threat.

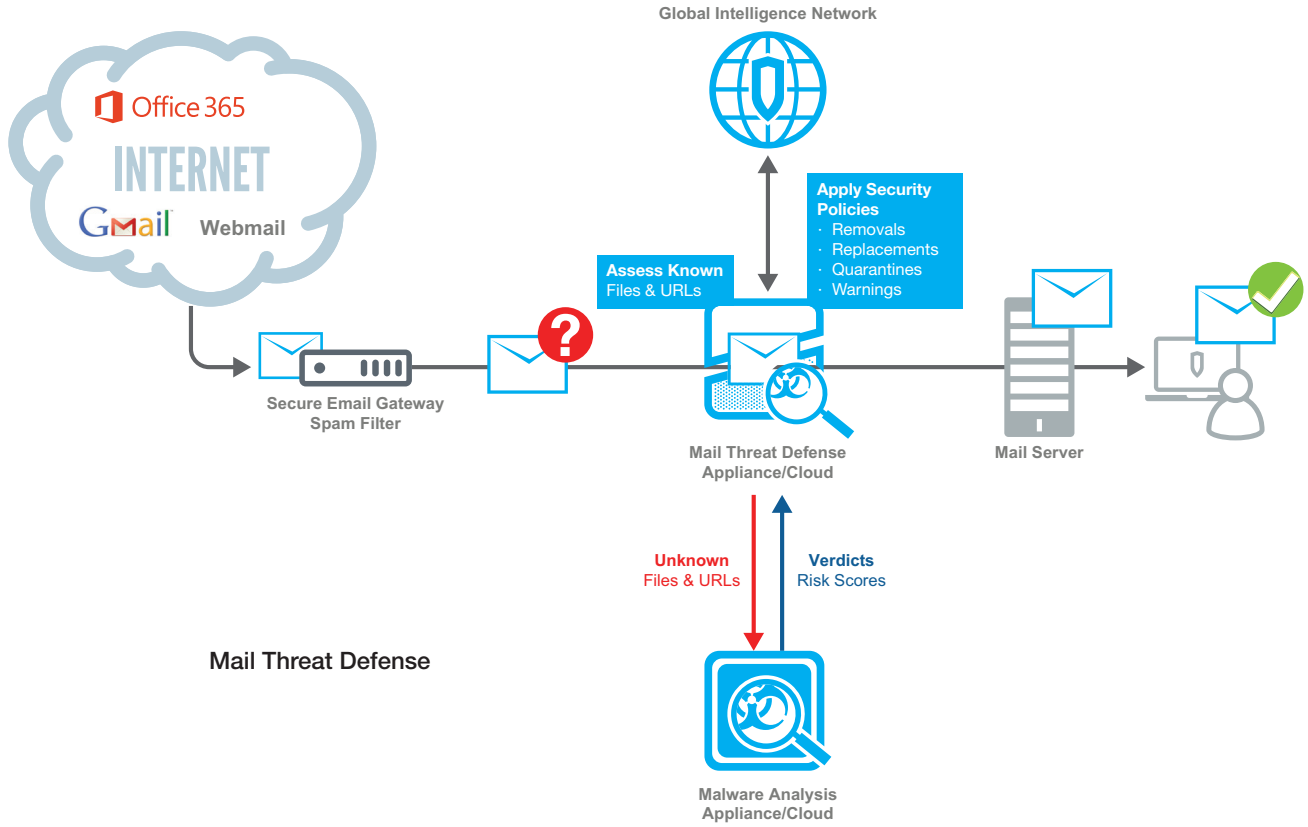
Provides Configurable Security Policies

The security policies of Mail Threat Defense enable you to balance message delivery speed, user autonomy desires and business security needs. Based on the verdicts and malicious risk scores determined by the solution, you can enact policies that block, alter, quarantine or detect / alert on the malware. As a result, you can:

- Remove malicious attachments
- Remove / Replace malicious links
- Add malicious content warnings
- Quarantine malicious messages

Deployment Modes

The solution can be deployed inline, as a cloud-based service or an on-premises appliance. It is typically positioned behind the firewall, after the SPAM filter, to ensure it can inspect all mail before it is delivered to the user. Note, the solution can also be deployed passively, alerting you as soon as email malware is detected. It seamlessly integrates with any other email security solutions you have to preserve and enhance the value of your investments.



Mail Threat Defense

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MAIL THREAT DEFENSE MALWARE ANALYSIS	APPLIANCES MTD S400-10 MAA S400-10	APPLIANCES MTD S400-20 MAA S400-10	VIRTUAL APPLIANCE MTD-VA[1]
PERFORMANCE			
ADVANCED MAIL ANALYSIS	Up to 300,000 emails / day	Up to 500,000 emails / day	Up to 300,000 emails /day
SYSTEM			
DISK DRIVES	3 x 1 TB	6 x 1 TB	100 GB HDD
RAM	24 GB	48 GB	8 GB
ONBOARD PORTS	• (2) 1000Base-T Copper ports • 1000Base-T Copper, System Management Port • (1) 1000 Base-T Copper, BMC Management Port	• (2) 10Gb Base-T Copper ports • 1000Base-T Copper, System Management Port • (1) 1000Base-T Copper, BMC Management Port	2 virtual NICs
OPTIONAL NICS	• 2x10Gb Base-T Copper	• 2x10Gb Base-T Copper	

[1] Virtual appliance minimum specifications using VMWare ESX 5.0 or later and 4 CPU cores. MTD-VA also utilizes Malware Analysis MAA S400-10.

PHYSICAL PROPERTIES	MTD S400, MAA S400 APPLIANCES
DIMENSIONS AND WEIGHT	
DIMENSIONS	572mm x 432.5mm x 42.9mm (22.5in X 17.03in X 1.69in) (chassis only) 643mm x 485.4mm x 42.9mm (25.3in x 19.11in x 1.69in) (chassis with extensions 1 RU height
WEIGHT (MAXIMUM)	Approx. 12.8 kg (28 lbs) +/- 5%
OPERATING ENVIRONMENT	
POWER	Dual redundant and hot swappable power supplies, AC power 100-240V, 50-60Hz, 4A (DC power available)
MAXIMUM POWER	450 Watts
THERMAL RATING	Typical: 1086 BTU/hr, Max: 1381 BTU/hr
TEMPERATURE	5°C to 40°C (41°F to 104°F) at sea level
HUMIDITY	20 to 80% relative humidity, non-condensing
ALTITUDE	Up to 3048m (10,000ft)

MAIL THREAT DEFENSE APPLIANCES

REGULATIONS	SAFETY	ELECTROMAGNETIC COMPLIANCE (EMC)
International	CB – IEC60950-1, Second Edition	CISPR22, Class A; CISPR24
USA	NRTL – UL60950-1, Second Edition	FCC part 15, Class A
Canada	SCC – CSA-22.2, No.60950-1, Second Edition	ICES-003, Class A
European Union (CE)	CE – EN60950-1, Second Edition	EN55022, Class A; EN55024; EN61000-3-2; EN61000-3-3
Japan	---	VCCI V-3, Class A
Mexico	NOM-019-SCFI by NRTL Declaration	---
Argentina	S Mark – IEC 60950-1	---
Taiwan	BSMI – CNS-14336-1	BSMI – CNS13438, Class A
China	CCC – GB4943.1	CCC – GB9254; GB17625
Australia/New Zealand	AS/NZS 60950-1, Second Edition	AS/ZNS-CISPR22
Korea		KC – RRA, Class A
Russia	CU – IEC 60950-1	GOST-R 51318.22, Class A; 51318.24; 51317.3.2; 51317.3.3
ENVIRONMENTAL	RoHS-Directive 2011/65/EU, REACH-Regulation No 1907/2006	
PRODUCT WARRANTY	Limited, non-transferable hardware warranty for a period of one (1) year from date of shipment. BlueTouch Support contracts available for 24/7 software support with options for hardware support.	
GOV'T CERTIFICATIONS	For further government certification information please contact Federal_Certifications@bluecoat.com	
MORE INFO	Contact regulatoryinfo@bluecoat.com for specific regulatory compliance certification questions and support	

Blue Coat Systems Inc.
www.bluecoat.com

Corporate Headquarters
Sunnyvale, CA
+1.408.220.2200

EMEA Headquarters
Hampshire, UK
+44.1252.554600

APAC Headquarters
Singapore
+65.6826.7000