



Secure Edge

PRODUCT BROCHURE



Overview

Over the years, Cyber criminals have become more inventive in their attack methods to infiltrate existing technologies that are often overlooked.

Emerging email security threats via low-volume, targeted attacks are more common now than ever - designed to remain undetected for as long as possible.

The need to identify suspicious email messages early in the outbreak cycle is critical.

Secure Edge

Secure Edge scans & filters Spam, Viruses, Malware, Zero- Hour-Attacks & Spoof Mails with the high level of Accuracy. Secure Edge is a service rendered through ESDS' Cloud, which provides efficient email spam and virus filtering for your existing Email system, i.e., 99.4% spam filtering and 100% protection against Known Viruses.

1. Cisco Iron port is the underlining technology used along with other commercial solutions to render high level of accuracy and redundancy.
2. Scans & filters both inbound & outbound mail traffic.

Secure Edge's Advanced Threat Protection is an add-on that gives additional protection from Malware, Zero-Hour Attacks & Most Importantly, "Spoofed emails."

Secure Edge & Secure Edge Advance Threat Protection (ATP)

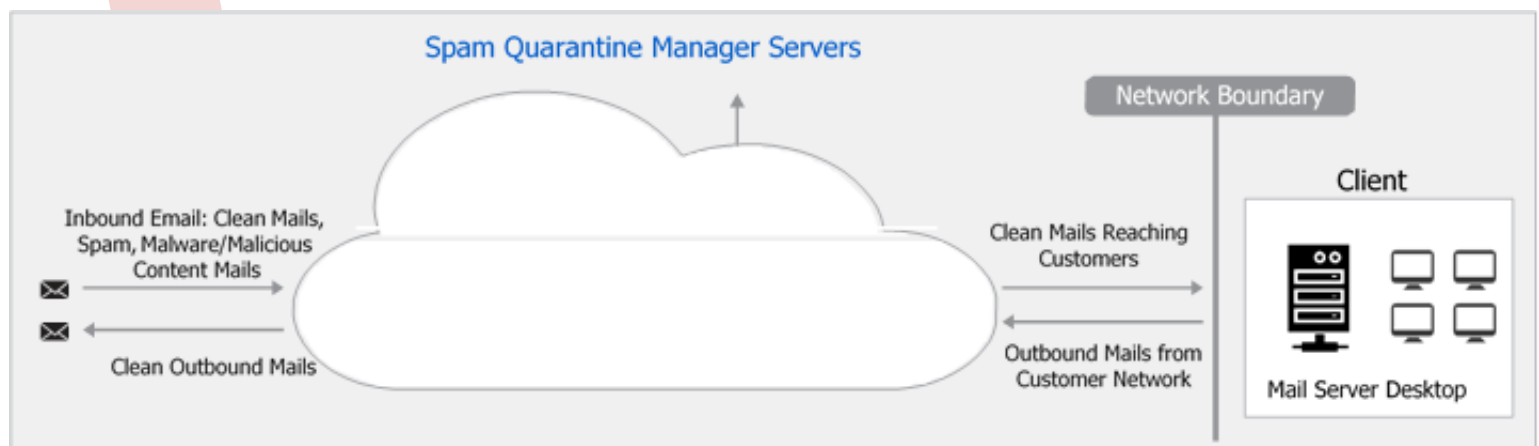
ESDS offers Secure Edge & Secure Edge ATP, given today's threat landscape, which is populated by increasingly sophisticated intrusions that take in the form of advanced persistent threats, advanced targeted attacks, advanced malware, unknown malware, zero-day threats. Customers have the freedom to select the service they want based on their requirements.

While Secure Edge provides against advanced threats that are very prevalent in today's world, we also have Secure Edge ATP services that filters unsolicited Bulk email messages and protecting your mailboxes from targeted attacks. These services are built using the best of breed technologies viz. Cisco Ironport, Proofpoint, Sophos & F-Secure to deliver highly effective and accurate email security.

The most important highlight of our ATP solution is URL Filtering. Any URL that is rewritten by ESDS' Secure Edge ATP URL Protection is checked every time an end-user clicks on it to ensure the URL destination is not hosting malware, phishing, or spam threats. Malicious URL gets quarantined.

Secure Edge Workflow

Secure Edge filters emails through Anti-Spam & Anti-Virus; it also checks for Potential Dangerous Attachment Blocking and TLS. Transport Layer Protection a Built-In feature ensures the connection is encrypted between servers. This service Supports Microsoft Office 365, Google Apps, on-premises or hosted Microsoft Exchange and other mail services.



Features Comparison

Features	Secure Edge	Secure Edge ATP	Action Taken
Anit-Spam	✓	✓	Spam mails Quarantined
Anit-Virus	✓	✓	Mail Tagged as [Virus-Infected] and quarantined with attachment
Potential Dangerous Attachment	✓	✓	Attachment is stripped & Mail is quarantined
Opportunistic TLS	✓	✓	Inbound & Outbound
Anti-Spoofing	✗	✓	Mail identified as spoof mail is tagged as [Possibly Spoofed] and quarantined
Anti-Malware	✗	✓	Malware infected mail is quarantined with attachment
Business Email Compromise (BEC)	✗	✓	Subject tagged as "Forged Email Detection" & Quarantine
Zero Hour Protection	✗	✓	Infected Mail is quarantined with attachment

Key Features

Anti Spoofing

Secure Edge ATP uses a combination of various techniques to identify spoofed emails accurately. The various techniques used are:

SPF & SenderID

DKIM

DMARC

rDNS

Boundary TLS Encryption

Email encryption allows organizations to protect sensitive messages and increase their compliance with privacy regulations. One standard encryption method, known as opportunistic TLS, automatically tries to secure the path that messages take when they travel to recipient email systems. Since this type of encryption is completely transparent to users, organizations often utilize opportunistic TLS to comply with privacy and security regulations. Secure Edge ATP supports opportunistic TLS both for Inbound & Outbound email delivery.

Zero Hour Protection

A proven preventive solution, Cisco Virus Outbreak Filters™, provides a critical first layer of defense against new outbreaks hours before signatures used by traditional anti-virus solutions are in place. Real-world results show an average lead time over reactive anti-virus solutions of 13 hours, along with an extremely high catch rate and near-zero misclassifications. Integrated into Cisco's email security appliances, outbreak filters perform a threat assessment of inbound and outbound messages and quarantine suspicious messages temporarily.

Advance Malware Protection

Secure Edge ATP now includes Cisco Advanced Malware Protection. Featuring file reputation scoring and blocking static and dynamic file analysis (sandboxing), and file retrospection for the continuous analysis of threats, even after they have traversed the email gateway. Users can block more attacks, track suspicious files, mitigate the scope of an outbreak, and remediate quickly.

Key Features - Secure Edge & Secure Edge ATP

99.90%
Uptime Guarantee

100%
Known Virus
Detection

Scans Both
Inbound &
Outbound Email
Traffic

90 Seconds
Average Scan
& Delivery time

3 Days
Default Mail
Spooling Time in
case Recipient
Server is
Unavailable

99.40%
Spam Catch Rate

TLS
Encryption
Support

Data Center
Multiple MX
Pointing to three
Data Centers

25MB
Maximum Mail
Size Allowed

**Quarantine
Management**

**Anti-Spam
& Virus**
Multi Layered
Anti-Spam & Anti-
Virus Filtering

Reports
Mail Tracking
& Reports

Ensuring your
Business
Optional Business
Continuity
Service

Email Filters
Additional
Inbound &
Outbound Filters

Accurate
Accurate
Malware & Spoof
email detection

Service Level Commitments

ESDS is an unparalleled leader in email spam and virus filtering solutions. Unlike other spam virus filtering providers, ESDS is committed to provide 99.9% up time & round the clock support to its customers. This cloud-based spam filtering service also offers a spam detection rate, which is above 99%.

Up time Guarantee

ESDS guarantees an uptime of 99.9 % calculated on quarterly (90 days) basis

Spam Catch Rate

Above 99.4 % Spam catch rate

Virus Detention

100 % known virus detection & Detention

Bi-Directional Mail Scanning

ESDS' Secure Edge Scans both Inbound (To customer server) and Outbound (To the internet) mail traffic.

Anti-Spoofing

Accurately Identify spoofed emails sent to your domain posing as a user from your domain.

Anti-Malware

Protect against a variety of forms of hostile or intrusive software, ransomware, spyware, adware, scareware, and other malicious programs.

Zero-Hour-Protection

Provide a critical first layer of defense against new outbreaks hours before signatures used by traditional anti-virus.