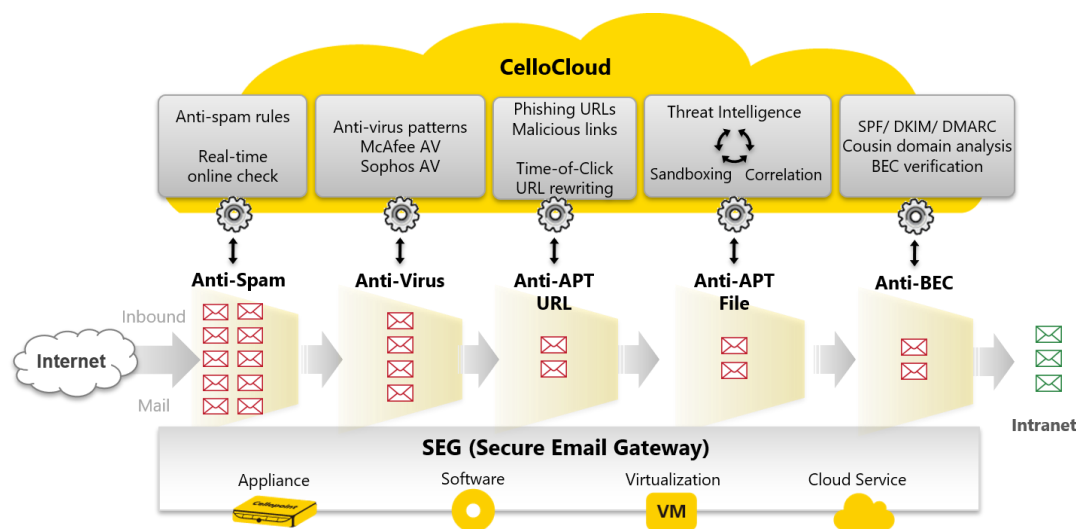




Hassle-free security issues.
Save you time and trouble.

Secure Email Gateway (SEG)

Cellopoint Secure Email Gateway (SEG) is the most comprehensive email gateway, which is deployed in front of a mail server. It uses the state-of-the-art, multiple detection engines, machine learning technology and powerful threat intelligence to identify and block all email-borne threats ranging from annoying spam and viruses to sophisticated phishing, ransomware, business email compromise (BEC) and zero-day exploits.



Layer One: Anti-spam Protection

DoS (Denial of Service) Defense

Prevent DoS attacks.

SRL (Sender Reputation List)

CelloCloud™ monitors email threats 7x24x365 and build SRL to identify abnormal senders.

Transaction Check

Transaction Check prevents spammers from challenging account names and sending spam.

Greylist

Using Greylist, SEG can recognize regular email servers and block spam.

Sender policy framework (SPF) prevents email address spoofing and verifies sender identities.

Layer Two: Anti-virus Protection

Multi-layered Virus Engines

Anti-virus engines offer extensive real time scanning and virus pattern updates to catch a wide variety of viruses, phishing patterns, spyware and other malware.

Content Filter

CelloCloud™ integrates global threat Intelligence, social engineering detection, and URL reputation ratings to block imaged-based spam, malware, phishing and botnet attacks effectively.

Security					Archive	DLP				
A	A	U	F	B	M	G	C	A	E	S
G	V	R	I	E	A	D	S	A	U	I
		L	L	C						
CelloOS										
Email UTM Platform										

Features

- SMTP Connection Control to defend against DoS attacks
- Individual and group blacklist and whitelist
- Scheduled quarantine notification
- Prevent business email compromise (BEC)
- Prevent ransomware
- Prevent phishing attacks
- Prevent viruses
- Prevent spam

Layer Three: Anti-APT-URL

Pre-click Inspection

We use our 125 types of URL threat intelligence to identify phishing URLs and malicious URLs.

ToC (Time-of-Click) Detection

Anti-APT-URL rewrites unknown URLs and offers ToC (Time of Click) to detect phishing and malicious URLs in real time with the latest threat intelligence.

Retroactive Scanning

If the URLs match our threat intelligence after 12-36 hours the recipients open the email, we will warn the administrator and prevent similar attacks.

Layer Four: Anti-APT-File

Static Code Analysis

Attachments are evaluated for any traits consistent with malware, such as abnormal code, obfuscated scripts and any suspicious objects.

Dynamic Sandbox Scanning

Cellopoint uses full system emulation to detect evasive malware and provide deep content inspection. This allows the

sandbox to emulate the use of CPU, memory, the operating system and the applications.

Correlation analysis

After sandboxing, Cellopoint performs correlation analysis and threat scoring to determine whether the email should be quarantined or released.

Layer Five: Anti BEC

SPF/DKIM/DMARC Authentication Check

DMARC Check helps to identify unauthorized domain(s) and senders, preventing phishing, spoofing, CEO fraud, and Business Email Compromise.

Cousin Domain Analysis

Anti-BEC identifies lookalike domains that are newly-registered by attackers.

BEC Verification

Our BEC Verification technique is proprietary. It uses AI and machine learning techniques to analyze user communication behaviors, including their relationship with the sender, the sender's writing style, the sender's email intention and their communication patterns.

Benefits

- Save time on finding important mails
- Save time on deleting spam
- Enhance employee productivity
- Increase email server efficiency
- Save IT personnel's management time
- Personal and group flexible management

Systems supported

- Microsoft Exchange Series: 2003 / 2007 / 2010 / 2013 / Office 365
- IBM Lotus Domino
- Google Apps
- Novell GroupWise
- Sendmail, Qmail, Postfix
- Zimbra
- AWS SES

Specifications

SEG	50, 100, 250	500, 1000, 2000	5000, 10K, 20K	Service Providers
Daily Processed Emails	5~20K	50K~2M	5~20M	Over 20M
Deployment Options	Hardware/ Virtual Machine / Cloud Services / Hybrid			
Anti-spam + Anti-virus	Anti-spam (AG) and Anti-virus (AV) are combined. (Optional)			
Anti-APT-File	APT-File (Optional)			
Anti-APT-URL	APT-URL (Optional)			
Anti-BEC	Anti-BEC (Optional)			

※1-year license includes maintenance and pattern update (Can be extended to 2 – 5 years) ·

※Pricing is calculated by the number of email accounts for each individual module.

Cellopoint

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