

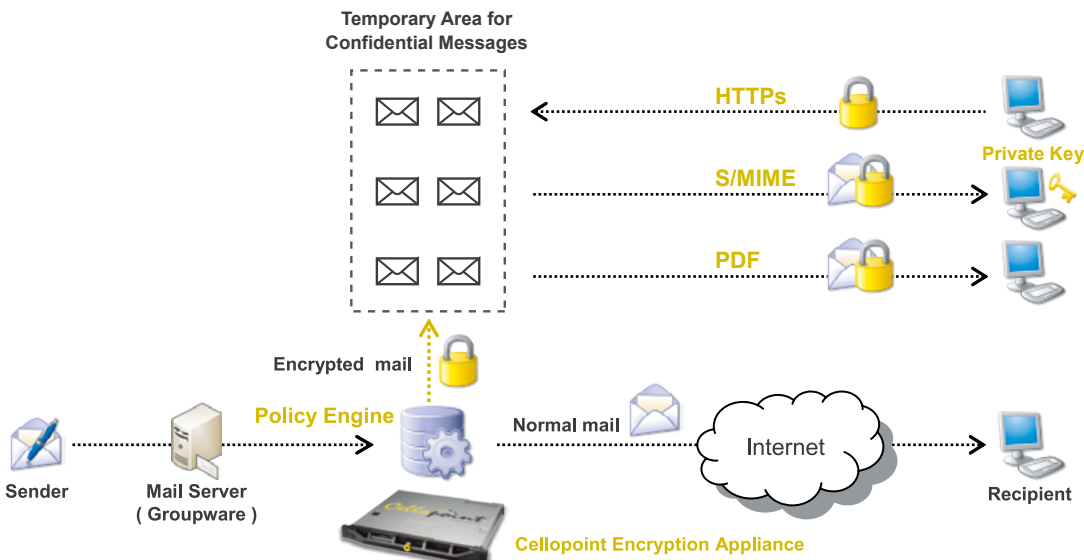


Provide easy deployment.
Secure sensitive information.

Email UTM

Encryption Solution (ENC)

The Encryption Module is an email encryption solution that is deployed within the email UTM. This module safeguards your confidential information and maintains compliance with regulations requiring encryption for sensitive data. With this solution, you can feel secure and plain text emails are safely transferred to the recipients.



Features

- Enforce organizations to execute encryption policy
- Ensure safe transmission
- Integrated solution within the email UTM
- Auto encrypt mails
- Scale to any size of organization
- Complies Industry Encryption Standards

Email is critical for any enterprise – and it is one of the top ways of confidential data loss.

Employees, either intentionally or unintentionally, may leak out sensitive information. Years of investigation and valuable patent technology, confidential financial reports and employees' personal information may be lost in a single message.

Likewise, hackers and interested parties could easily intercept emails that are transmitted in clear text, resulting in confidential data loss, and putting in threat the financial security of your organization.

Easy Management and Use

ENC enables users to send and receive encrypted email directly from their server as simple as

regular email. Using password as subject, users can encrypt and deliver any email without the burden of installing complicated software.

Flexible policy engine to auto-encrypt emails

The Policy Engine enables an entire organization, specific groups or even individuals to carry out automatic encryption under certain conditions, such as:

- People (sender, recipient and IP address)
- Subject (keywords)
- Time (date and time)
- Object (attachment name, attachment format)

PDF Method

Using PDF method, the recipient will receive the email as a secured PDF attachment. Users are able to choose between establishing their own password or let the system set up a random one. If the sender decides to assign their own password, they must type it on the subject line. For example, if the sender wants to specify 123 as the password, the sender must put [enc:123] at the beginning of the subject. The sender must then, tell personally the secret password (by SMS or phone) to the recipient.

When the Cellopoint Mail Center assigns a random password, a notification mail with the password will be sent to the recipient, sender or both.

HTTps Method

HTTps is a protocol used for secure communication over the internet. When the user selects this method, ENC will preserve the encrypted mails in a secure area. The system will send a notification to recipient for registration and access to HTTps secure encryption center.

S/MIME Method

S/MIME is the industry most widely accepted standard for sending encrypted messages.

Employing S/MIME mode, the user sends an encrypted email and Cellopoint will automatically send a notification to the recipient to register. Once recipient has registered, Cellopoint Mail Center will generate a certification and private key for the recipient to install in their computer. Then the email will be encrypted through S/MIME and sent to the recipient. The recipient should use their private key to open the email.

In addition, the recipient can access to Cellopoint Mail Center to decide which of the 4 encryption methods they want to receive their emails. This makes it simpler for the users to receive and open their personal messages.

Benefits

- 3 different methods, 1 module
- Web-based Management Console
- Integrated function with current environment
- Easy deployment and application
- Prevents confidential data leakage
- Cost-effective encryption method

Groupware and Email System supports

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

Specifications

ENC Model	50, 100, 250	500, 1000, 2000	5K, 10K, 20K	Service Provider
Daily processing mails	50,000 ~ 250,000	500,000 ~ 2 Millions	5 to 20 Millions	Above 20 Millions
Active Email Users	50 ~ 250	50 ~ 2000	500 ~ 20,000	20,000 ~ Unlimited
Policy Engine	✓	✓	✓	✓
PDF method	✓	✓	✓	✓
HTTps method	✓	✓	✓	✓
S/MIME method	✓	✓	✓	✓
Warranty and Updates	1 Year Warranty and software upgrades (Can be extended to 2 – 5 years)			
Calculation of Accounts	ENC module is calculated by the number of email accounts, which includes email accounts and group accounts, but does not include alias.			