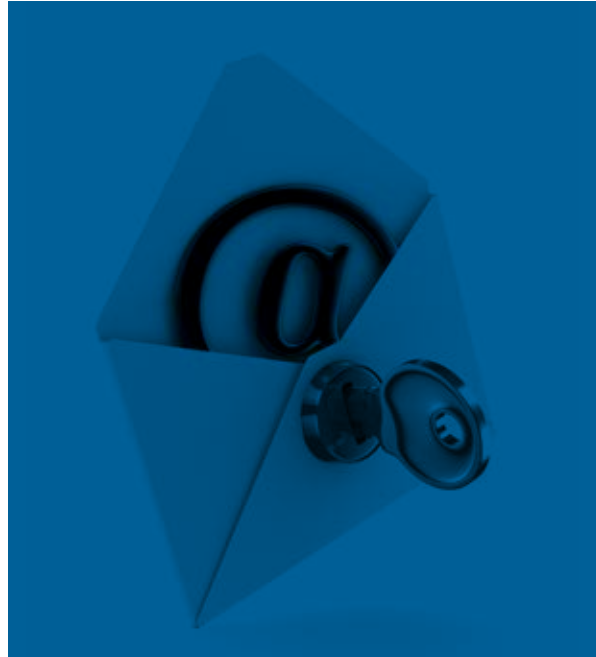# CompuMail Gateway

Have you ever been concerned about your e-mail traffic?
Do you send sensitive information by e-mail?

CompuMail Gateway encrypts and signs e-mails and is the solution for e-mail protection.

Easy to integrate, to manage and to use, automatic encryption, secured e-mails even to third parties, webmail functionality.

CompuMail Gateway has it all!

E-Mail Encryption

Compumatica
SECURE NETWORKS

English

Cybersecurity *with a personal touch*

// CompuMail Gateway

On a daily basis more than 10,000,000 e-mails are encrypted or signed by the CompuMail Gateway. It is the proven solution for secure e-mail within an organisation. CompuMail Gateway is a software application, which is centrally integrated in the SMTP chain. The software is compatible to run in a public/private cloud environment such as Microsoft cloud.

Encryption can be done via four different methods, which makes the CompuMail Gateway widely employable. The software is compatible with standard protocols like S/MIME and OpenPGP. In case the recipient does not have their own encryption keys the by Compumatica developed PDFMail and CompuWebmail can be used.

Automatic encryption

Digital signature

Suitable for the cloud

Extended central management

Compatible with standard protocols

No software required on client

Control of your data

Easy to use and manage

Plug-in in outlook

// S/MIME & OpenPGP standards

S/MIME and OpenPGP are the most widely used standard protocols to encrypt e-mails. The biggest difference between the two protocols is the way how the user is 'registered'. The S/MIME certificate is provided and linked to a person, which has been administrated by an authority. OpenPGP provides the certificate on the basis of an e-mail address and therefore the communication partner has trust in the correctness of the e-mail address.

If the recipient also has S/MIME or Open PGP certificates/keys, it is extremely easy to encrypt e-mails. The central gateway stores and manages the encryption and decryption of the e-mails. This process happens behind the scenes without the individual having to take any action or even being aware of it.

Sender	Mailserver	CompuMail Gateway OpenPGP	Firewall	Internet	Receiver

'Plain' e-mail

Encrypted e-mail

// CompuWebmail

The CompuWebmail is developed by Compumatica and enables secure e-mail communication with third parties who are not using encryption standards like OpenPGP or S/MIME. The CompuWebmail is placed in the DMZ of one's own organisation giving the organisation control of the webmail. The webmail will automatically create an account for the recipient when a user sends a webmail to and the recipient can view the e-mail and send a secure reply after logging in with the provided credentials.

Procedure

The sender sends an e-mail to Receiver. The mail server forwards the e-mail to the CompuMail Gateway. The Gateway checks the settings if e-mails to Receiver have to be encrypted with CompuWebmail. If there is a rule for recipient X, they will receive an e-mail with the address of the webmail and the possibility to create a password. After logging in on the webmail, recipient X is not only able reply to user A but can also start communication via the CompuWebmail.
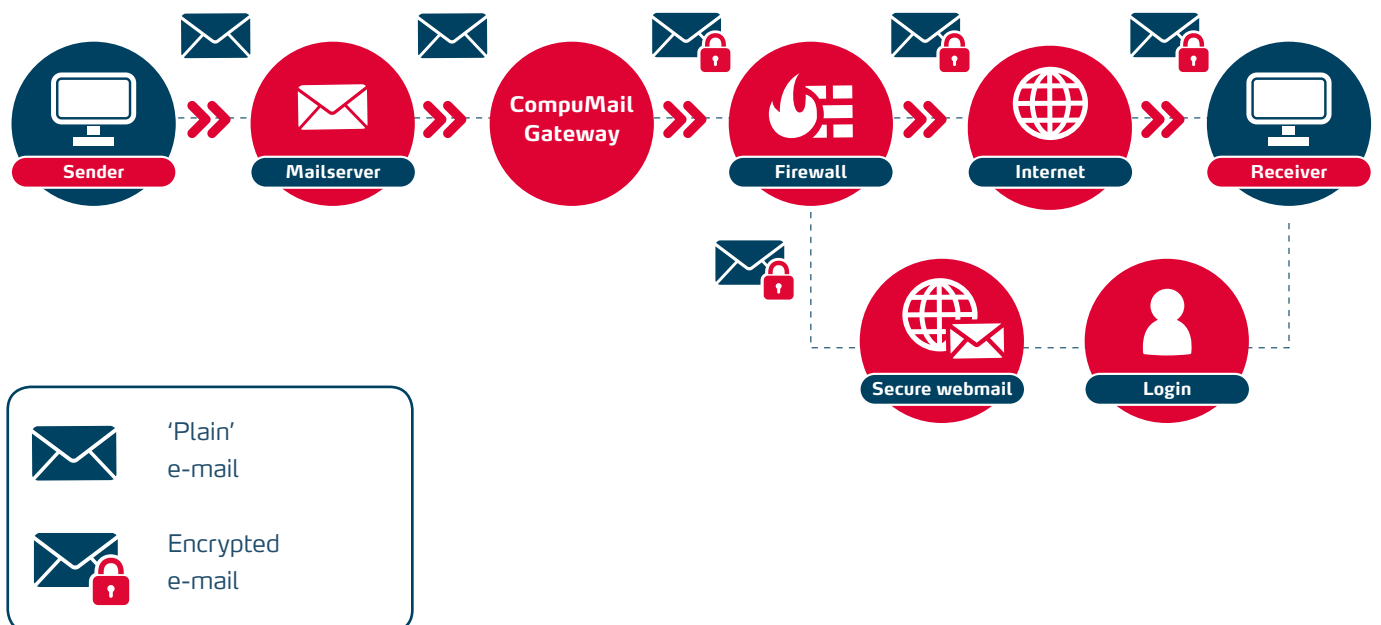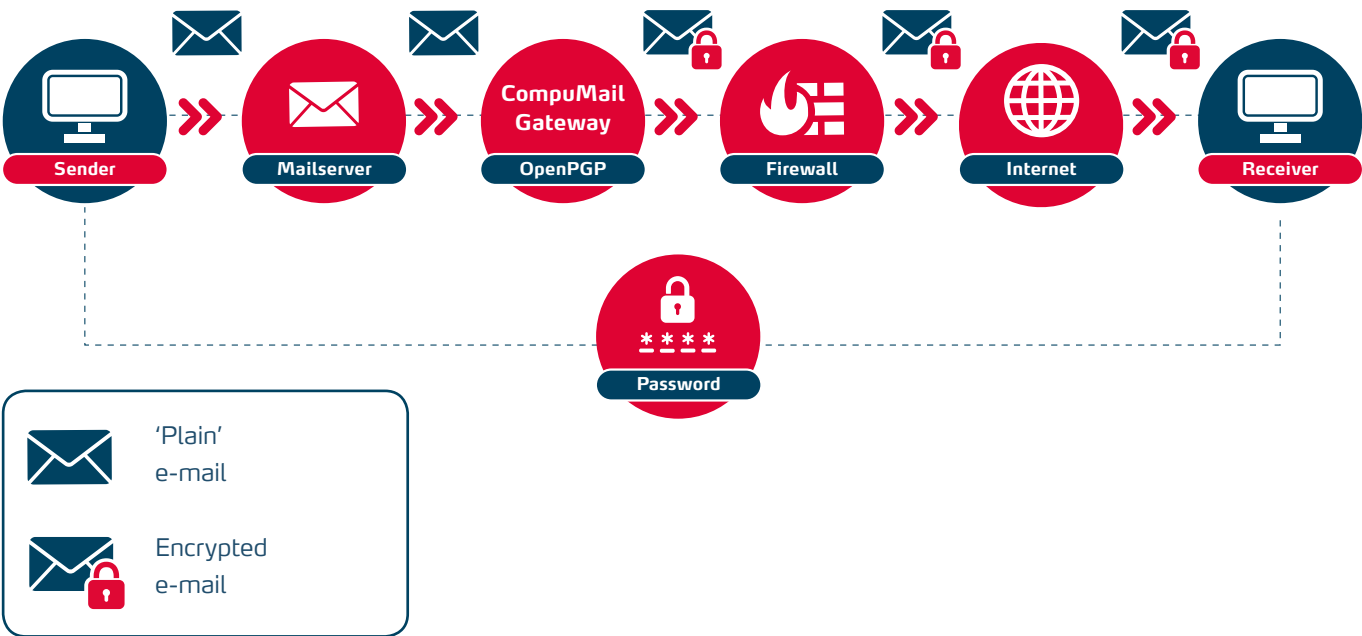
Sender » Mailserver » CompuMail Gateway » Firewall » Internet » Receiver

Secure webmail   Login

'Plain' e-mail

Encrypted e-mail

// PDFMail

PDFMail is developed by Compumatica and enables secure e-mail communication with third parties. PDFMail converts the original e-mail to a PDF file and attaches it to a plain e-mail. The recipient receives a plain e-mail with an encrypted attachment, which can only be opened with the correct password. To ensure the confidentiality of the e-mail, the sender needs to communicate the password via phone or a text message.

Procedure

Sender of the CompuMail Gateway sends an e-mail to Receiver. The mail server forwards the e-mail to the CompuMail Gateway. The Gateway finds in the settings that e-mails to Receiver must be encrypted with PDFMail. The recipient receives a plain e-mail with an encrypted attachment. At the same time, receiver receives a text message with the password. After filling in the password, the secured e-mail can be opened (including any original attachments) and receiver is able to send a secure reply to Sender.

Sender >> Mailserver >> CompuMail Gateway / OpenPGP >> Firewall >> Internet >> Receiver

Password
****

'Plain' e-mail

Encrypted e-mail

// Central management

The web management the CompuMail Gateway is easy to use. The gateway handles all e-mail traffic automatically based on the settings. The gateway stores all public and/or private keys from both senders and recipients. The individual user does not need to perform any additional steps to send an encrypted e-mail, this is done by the Gateway directly.

The administrator can set up standard settings which apply to all employees. With this feature, the administrator can overrule individual users and define, for example, that all e-mails to Gmail have to be encrypted by Webmail. The Gateway can have multiple administrator accounts such as 'view only' for an auditor. In addition, the Gateway has an extended logging functionality to comply with the law.

User management

Administrator in control

Certifications | keys

Extended logging

Auditor proof

Establish settings

> *''Daily more than 1,000,000 users are encrypting their e-mails with the CompuMail Gateway''*

// More than 1,000,000 users worldwide

On daily basis more than 1,000,000 users are using the More than 1,000,000 users globally use the CompuMail Gateway to encrypt and sign their e-mails. We have a broad range of customers, from small law firms with five users to multinationals with 25,000 users.

// Suitable for the cloud

The CompuMail Gateway is suitable to run in the cloud and is compatible with the largest cloud vendors such as Microsoft cloud. This does not affect users and administrators in their usage of the CompuMail Gateway. The only difference is that the gateway is running in the cloud instead of on the premise.

 Health care

 Financial services

 Government

 Industry

"The confidentially of your data is our mission - Cybersecurity with a personal touch"

// Compumatica

Compumatica is a Dutch cybersecurity manufacturer specialised in crypto (network encryption, e-mail encryption) and network segmentation (firewall, Diode) since 1991. The products have various security certifications from The Netherlands, European Union and NATO. All products (software and hardware) are built and developed in Europe.

Compumatica has more than 25 years' experience in the cybersecurity market. Our products are of high quality and besides security we focus on developing solutions which are easy to use and manage.

In our philosophy cybersecurity needs a tailored approach and with our slogan 'Cybersecurity with a personal touch' we promise that to our customers.

// Other solutions

Network encryption

Next Generation Firewall

Diodes