

# Cypherdog E-mail Encryption

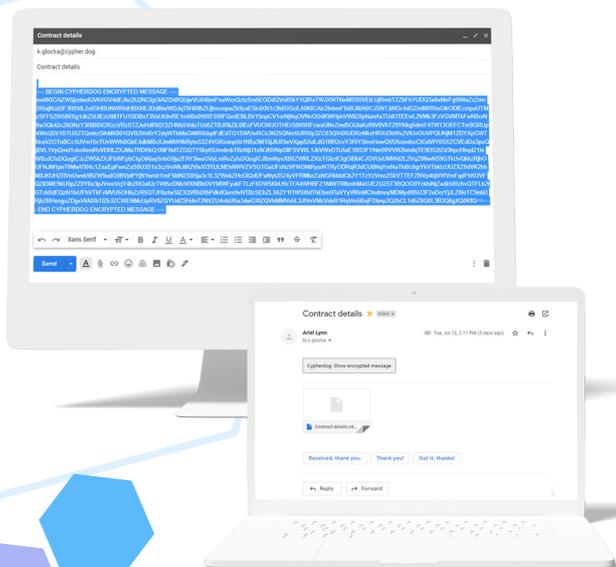
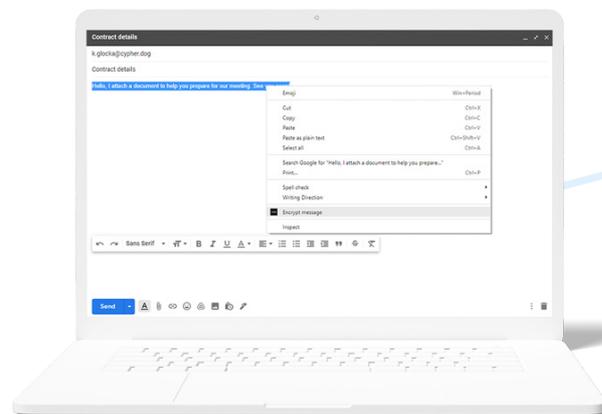
## Secure exchange of e-mail messages and attachments

### How it works

**One-click.** Complete protection. Cypherdog E-mail Encryption allows you to encrypt and decrypt any text or file and send them using any media, including e-mails supported by our Chrome and Edge plugins for Gmail and Outlook add-ins.

You can send and receive encrypted files and messages using any web client or native e-mail client or Slack, WeTransfer, Google Drive, or any other communication method.

You are always assured that only the authorized recipient will have access to the decrypted content.



### Threats in cyberspace

E-mail is one of the most popular electronic communication channels. Like most digital services, it is vulnerable to cyberattacks, which may result in **unwanted access** to your mailbox and **disclosure of confidential information**. In the event of unauthorized use of the compromised e-mail box, message recipients cannot verify the sender's identity.

Cypherdog is a **comprehensive solution** to both threats. On the one hand, it ensures message encryption (hiding the content from unauthorized users); on the other hand, it allows the recipient to verify the sender's identity.

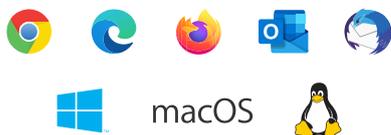
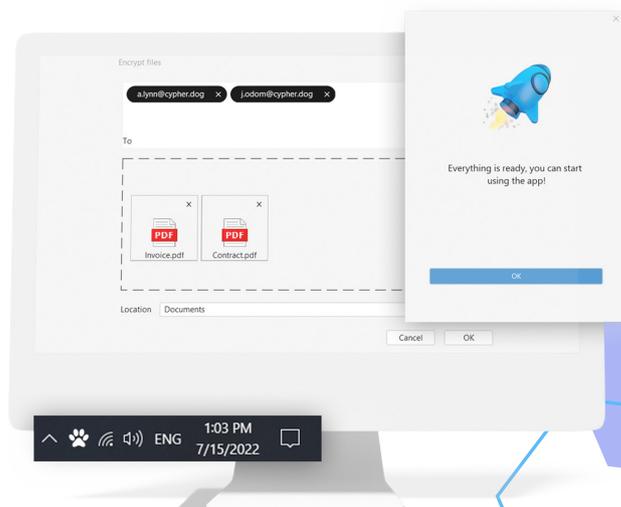
### We protect you against

- corporate espionage
- data leaks
- new generation of ransomware with double extortion
- invoice hacking
- business e-mail compromise (#BEC)

**We support** you in becoming compliant with GDPR, Privacy Acts, DORA-2, NIS-2, and ISO 2700x implementations, among other regulations.

## Friendly user interface

Cypherdog software focuses on simplicity and ease of use. During installation, the program will ask for the **password to your private key** and will allow you to **make a backup** of it (use a USB drive or print a copy of the key on a piece of paper, in the Business version backup is made automatically on company's server). After the installation is complete, **you can encrypt messages and send them via your e-mail immediately.**



 **Asymmetric encryption**

 **Absolute protection of private key**

 **No "trusted" third party**

 **Zero-knowledge security model**

 **No service provider access to data**

 **Lack of metadata & logs**

 **Identity trust methods**

Products specification	Free (after trial period)	Single User & Trial 14 days	Business
Encryption of content in e-mails	-	X	X
Encryption of attachments in e-mails	-	X	X
Decryption of content and attachment of emails & attachments	X	X	X
Admin panel for user management	-	-	X
Backup of private key to file (file on USB device/QR code)	X	X	-
Backup of private key on company servers	-	-	X
One license for single user	X	X	-
One license for multiple users	-	-	X
Basic support and online training	-	X	X
Advanced support and training	-	-	X
Webclient plugin	available (O365, Google Suite and others)		
Browsers	Microsoft Edge, Mozilla Firefox (in progress), Google Chrome		
Standalone client plugin	Microsoft Outlook, Mozilla Thunderbird (in progress)		
Operating systems	Windows, Linux, Mac OS		

## CYPHER.DOG®

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 if you want to know more - go to <https://www.cypher.dog/e-mail-encryption/>

