

# Cypherdog Encryption

Encrypt any file, any text, and share via any medium, any time

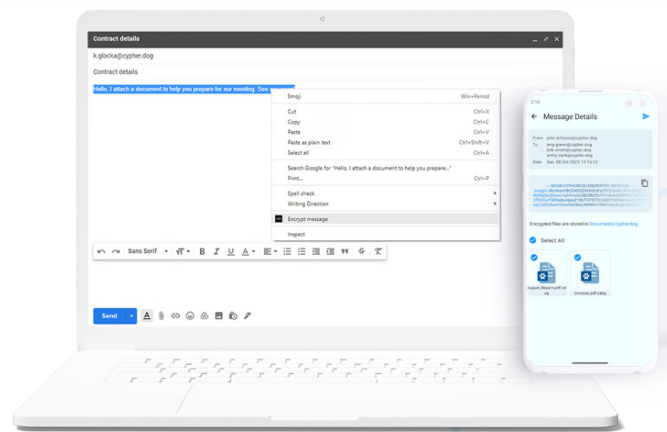
## How it works

**One-click.** Complete protection. Cypherdog Encryption allows you to encrypt and decrypt any text or file and send them using any media, including e-mails supported by plugins to **Firefox, Chrome and Edge browsers, Gmail/Google Suite, AddIns in Outlook and Thunderbird.**

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.

The software allows for bulk encryption and decryption of files or texts via command-line interface, enabling its use by organizations sending multiple encrypted documents to their counterparts, such as banks or medical diagnostic stations.



## Threats in cyberspace

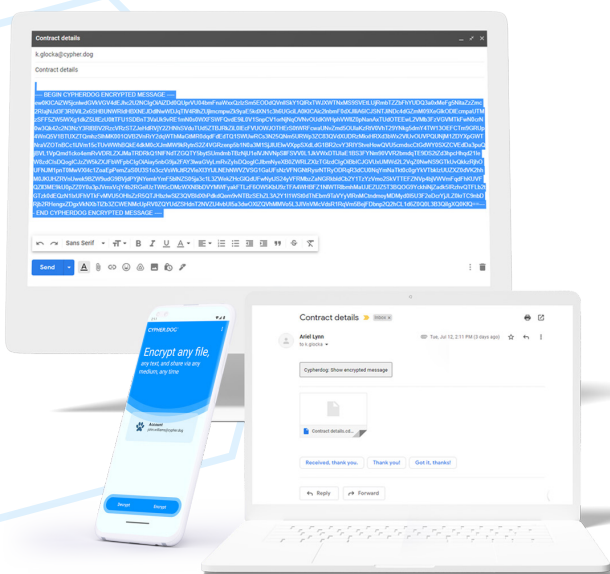
E-mail is one of the most popular electronic communication channels. Like most digital services, it is vulnerable to cyberattacks, which may result in **unwanted access** to your mailbox and **disclosure of confidential information**. In the event of unauthorized use of the compromised e-mail box, message 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

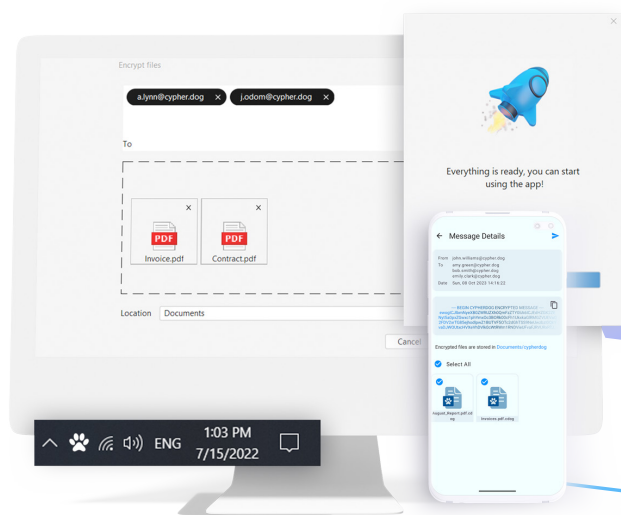
- corporate espionage
- data leaks
- new generation of ransomware with double extortion
- invoice hacking
- business e-mail compromise (#BEC)

**We support** ensuring compliance with GDPR, KSC, privacy laws, ISO 27001, and meet NIS2 and DORA recommendations.



# 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**

Cypherdog Encryption specifications	Free mobile	Free desktop (after trial)	Single User & Trial	Business
Text/e-mail messages encryption	X	-	X	X
Encryption of files/attachments in e-mail messages	X	-	X	X
Decryption of e-mail messages/ texts and attachments/ files	X	X	X	X
Administration panel for users & private keys management	-	-	-	X
Backup private key to file (on device)	X	X	X	-
Backup of private key to company server in Vault	-	-	-	X
One license key for a single user	-	-	X	-
One license key for multiple users	-	-	-	X
Basic support and online training	X	X	X	-
Advanced support and training	-	-	-	X
Command line text/file encryption/decryption	-	-	X	X (scalable)
Cooperation with security systems on gateway	-	-	-	X
E-mail aliases	X	X	X	-
Cryptography	Encryption: asymmetric RSA3072 and symmetric AES-256, SHA512 hash function			
Microsoft Outlook	supported	Add-ins to Outlook 2016+ for Microsoft 365/ Exchange Server, webclient & native		
Gmail	supported	Plugins: Google Chrome, Microsoft Edge, Mozilla Firefox		
Mozilla Thunderbird	supported	Add-ons for Thunderbird for all e-mail providers and servers		
Other e-mail clients	all supported	Manual encryption / decryption / right-click or "magic window"		
Other communication channels	all supported	WeTransfer, Slack, Google Drive, Dropbox, WhatsApp, Messenger etc.		
Operating systems	iOS/Android	Windows, macOS, Linux + free mobile app (iOS, Android)		

**CYPHER.DOG®**

Cypherdog Security Inc., 100 Wilshire Blvd., Suite 700, Santa Monica, 90401 CA, USA  
[www.cypher.dog](http://www.cypher.dog) | [info@cypher.dog](mailto:info@cypher.dog)

