Cipher Warp

The ultimate message and file sending/receiving solution

◆Confidential information can be safely sent from person to person.

◆By setting a "Shadow Passcode" (※1) for each communication, the risk of information leakage or misuse can be reduced.

◆"Cipher Warp" which prevents information leaks against the user's will, is an essential solution in today's world where confidential information is exchanged every day. In various situations such as administrative services, business, medical care, finance, etc.

(※1)「Shadow Passcode」
Passcode known only to the users.
    (used to generate the cipher key)
Can be set for groups, individuals, and messages.

cipher core

◆ Cipher Warp

- **End to End Cipher**
  Cipher Warp provides user-to-user security measures using Shadow Passcode, This provides resistance to man-in-the-middle attacks, which is not possible with public key cryptography.

- **Shred function (message/file destruction)**
  Protects information by destroying message files rather than simply deleting them.

◆ Traditional Chat App

- This is a system where users access a server provided by a service provider to write messages and upload files. Even if the server is not encrypted, the encryption keys are all owned by the service provider, which is not considered secure. Furthermore, the public key encryption method is used, which does not protect against man-in-the-middle-attacks. (MITMA) ※2

(※2 MITMA:A man-in-the-middle-attack (MITMA) is an attack in which an attacker enters between two communicating parties and impersonates one of them for the other. The attacker can not only intercept communications, but also tamper with them. Even public-key cryptography system cannot prevent a man-in-the-middle attack.

	Privacy protection	Falsification resistance	Key management	Chat data management	Destructive deletion of files
Cipher Warp	◎	◎	User	User	◎
Traditional Chat App	✕	✕	Provider	Provider	✕

Contact Us

https://www.cipher-core.com

info@cipher-core.com

cipher core

CIPHER-CORE Co., Ltd.

F13 Area Shinagawa
1-9-36 Konan, Minato-ku,
Tokyo-to, Japan 108-0075