

Offline Authorization

User

Client App



enter pass

ask access
to file

1. ask to enter PIN;
2. check TIME;
3. combine PASS + PIN + TIME + DEV_PASS;
4. Restore KEY_SET_KEY;
5. decrypt KEY_SET;
6. show files;

1. get GROUP_KEY (decrypted from the KEY_SET);
2. decrypt the file key with PUBLIC_SHARE_KEY + GROUP_KEY -> FILE_KEY;
3. decrypt the file with FILE_KEY;
4. decrypt the file;

1. change TIME;
2. delete PUBLIC_SHARE_KEY if needed.

