

# Offline Authorization

User



enter pass

ask access  
to file

Client App

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.

