

## PaperCrypt Recovery Sheet

### What is this?

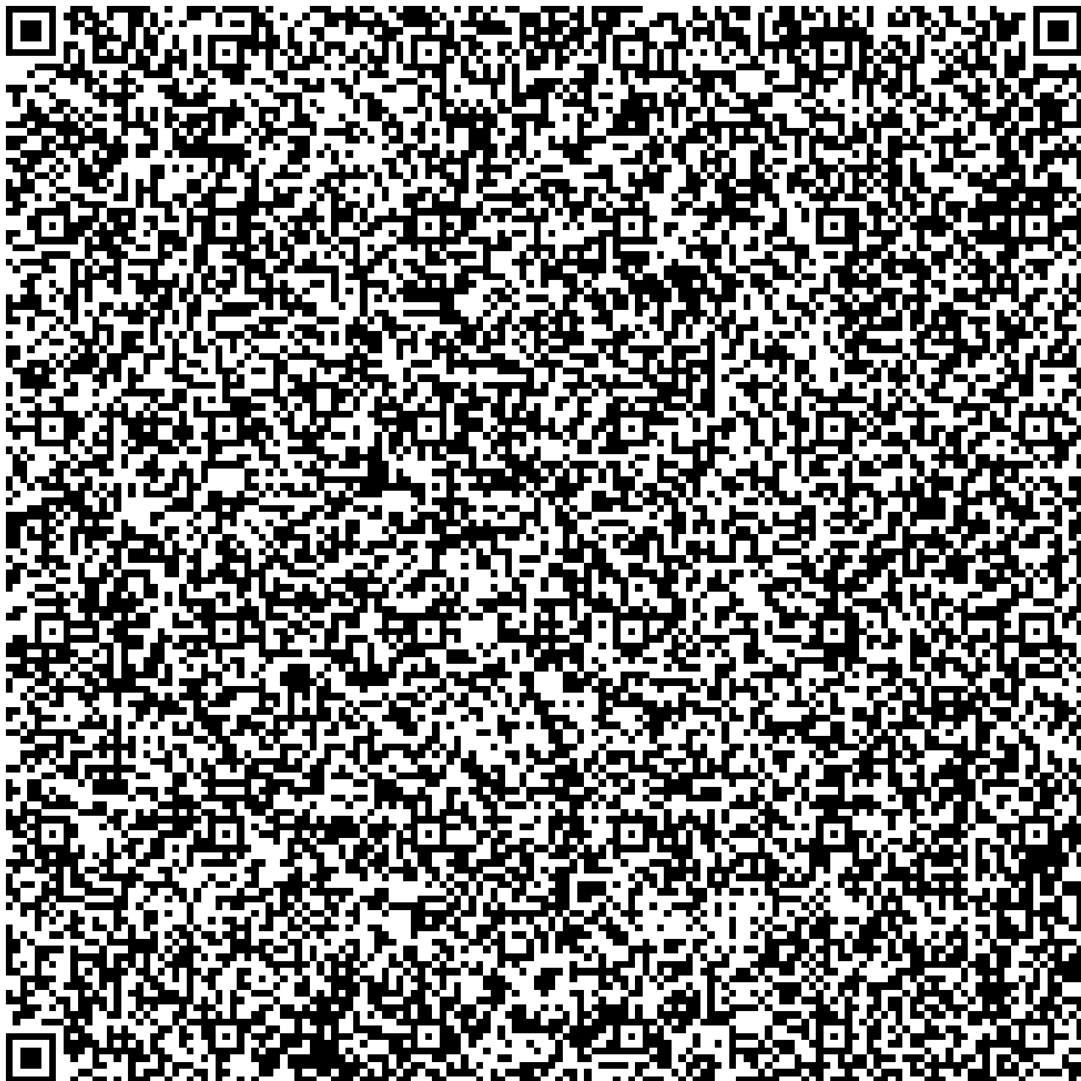
This is a PaperCrypt recovery sheet. It contains encrypted data, its own creation date, purpose, and a comment, as well as an identifier. This sheet is intended to help recover the original information, in case it is lost or destroyed.

### Binary Data Representation

Data is written as base 16 (hexadecimal) digits, each representing a half-byte. Two half-bytes are grouped together as a byte, which are then grouped together in lines of 22 bytes, where bytes are separated by a space. Each line begins with its line number and a colon, denoting its position and the beginning of the data. Each line is then followed by its CRC-24 checksum. The last line holds the checksum of the entire block. For the checksum algorithm, the polynomial mask 0x864cfb and initial value 0xb704ce are used.

### Recovering the data

Firstly, scan the QR code, or copy (i.e. type it in, or use OCR) the encrypted data into a computer. Then decrypt it, either using the PaperCrypt CLI, or manually construct the data into a binary file, and decrypt it using OpenPGP-compatible software.



```
# PaperCrypt/v1.0.0-beta0-17-gala3bfc-dirty
# Content Serial: KDGX6I
# Purpose:
# Comment:
# Date: Wed, 16 Aug 2023 18:15:43.987604800 CEST
# Content Length: 366
# Content CRC-24: a1114
# Content CRC-32: a43d3e91
# Content SHA-256: 824F0BU507EhdVAhX7xP3QEipN2HaVoyYkzK5fE0q6g=
# Header CRC-32: fe7aale0
```

```
1: c3 2e 04 09 03 08 0c eb 99 39 19 c0 92 b9 e0 1f a5 67 9f 64 92 71 f0d24b
2: 0b 1c 08 00 a7 06 a8 50 ba a3 a9 b9 08 fc 51 c5 5b 7e 17 c3 ac ce bf7fe6
3: 68 28 6f 5c d2 c0 7b 01 50 5a 66 18 30 08 0d 10 03 3e 03 7a 9c bc 7cc93b
4: 8e 29 ed ac c8 f8 1a 3e df be 4f 54 60 3f 49 b3 b9 c4 6c b7 5d ca 95c07f
5: ff 16 e3 84 d0 c7 99 01 64 fb 90 c7 d9 44 00 39 38 6b 64 d3 f2 9f 3eb798
6: 0a fd 97 01 b8 da 03 d0 1d 62 09 b6 d4 2a 44 6e e3 54 29 85 12 64 4965d3
7: b4 8e 72 f6 1e 75 be 10 0a 64 64 c8 23 84 1c 7c 01 6b 3e 1b 93 99 77fa75
8: e6 ca 45 66 f2 b8 34 60 5e b1 be b5 c2 8f 5b 57 ef 75 90 15 f5 41 66e603
9: 34 70 bc 29 b8 26 91 e4 26 79 4f f7 fe e4 be 42 b2 30 f6 aa 3f e9 ab29af
10: f8 f2 97 8e 77 e9 69 5e 72 24 a0 d2 4e 6b 38 93 f5 c4 d3 f1 68 b7 d8880e
11: c2 7d 46 fa d3 3c 0c 10 8c 0c bc 43 38 36 cd 1a 09 36 d0 e9 ab d2 84c896
12: ca 64 02 81 eb 68 ab aa 49 69 9f 16 8f cd 58 0a 92 84 8b db 8f 1c da2677
13: 1e 10 66 32 7d 80 83 43 30 6c 5f 39 53 2f 57 b1 a7 50 ae 13 2b 09 526f3d
14: c9 26 8d 8d ed fe 1c 15 5a 27 cf d0 f5 9a e5 9a de db 13 5a 55 63 b569aa
15: 19 0b 84 8d 26 64 df 53 4a b2 60 01 5a fe 66 f2 0f 8b 43 40 13 b3 bd761d
16: 22 d7 c3 25 31 34 64 0a af dc 23 71 c0 7a 88 ea dc d7 b8 73 eb b5 daf71f
17: ba f3 54 02 7b 46 dd 22 0a 38 bf d3 b0 43 fb34d5
18: 0a1114
```