

## PaperCrypt Recovery Sheet

### What is this?

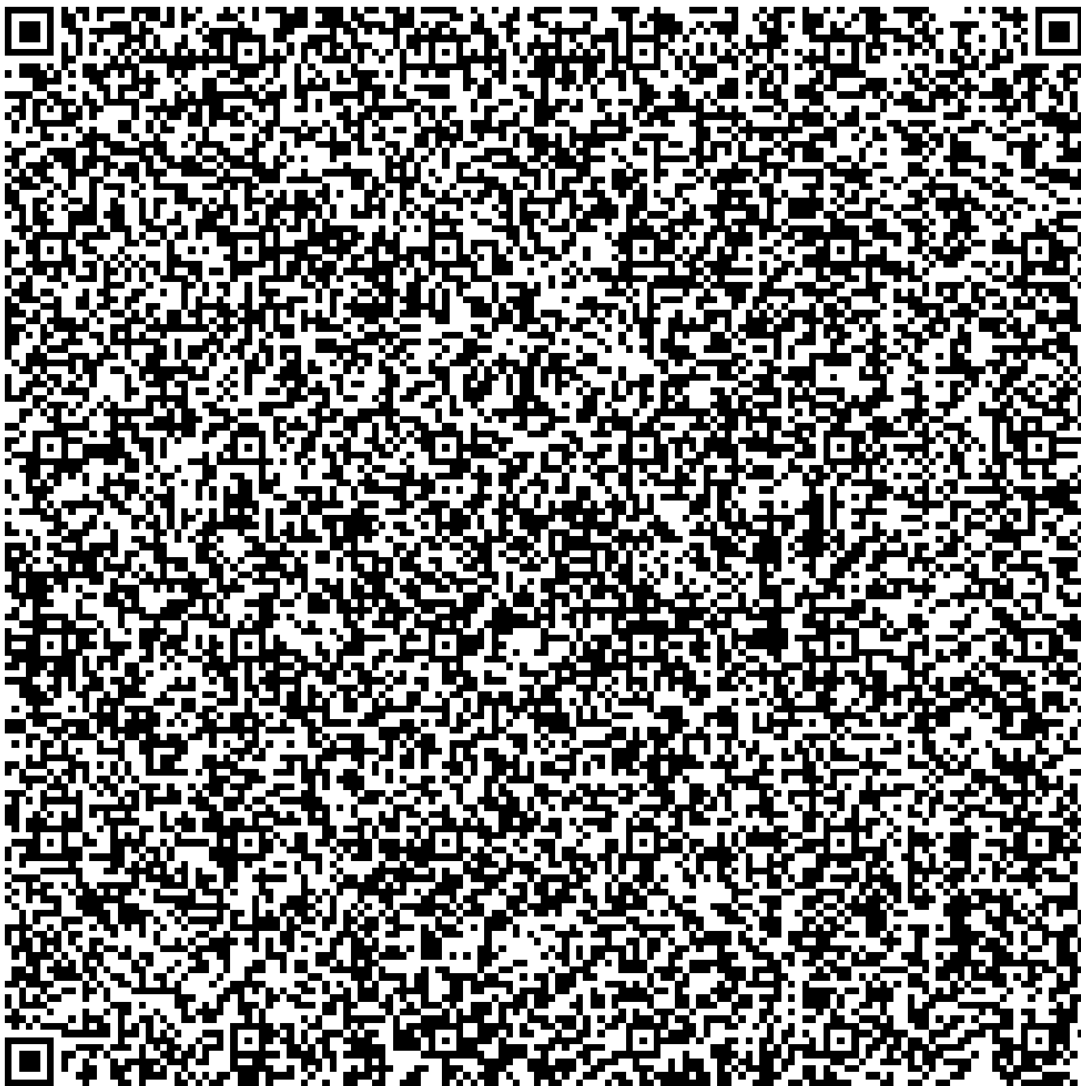
This is a PaperCrypt recovery sheet. It contains encrypted data, its own creation date, purpose, and a comment, as well as an identifier. This sheet is intended to help recover the original information, in case it is lost or destroyed.

### 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 Version: v1.0.0-beta0-20-g92709bd-dirty
# Content Serial: BRAV6M
# Purpose: Example Sheet
# Comment: Lowercase PDF Example
# Date: Wed, 16 Aug 2023 20:29:42.071364600 CEST
# Serialization Type: papercrypt/basel6+crc
# Content Length: 366
# Content CRC-24: f98fb5
# Content CRC-32: b5c424f8
# Content SHA-256: Rfz9jryUWw4z+D5albdRIs4oRSmTGOUKFKXIkQXWzuY=
# Header CRC-32: 2aad94ac
```

```
1: c3 2e 04 09 03 08 c3 7d 21 22 91 9c 7b ea e0 fc 77 50 19 b9 76 76 0115f8
2: a6 5e 0b 75 cc cf b3 28 08 9c 4d b1 f3 52 26 f3 4d e7 ff e4 e8 03 0b1771
3: a9 d1 2e 92 d2 c0 7b 01 26 9b 0d 43 cf 15 90 e4 43 c8 02 25 f5 fc 3d8e28
4: 68 de a0 a2 2d 7b a7 38 12 aa 54 8f 1d 33 22 fd b6 e9 67 4f 29 e0 ea6b2c
5: ba 90 06 6f 48 f2 ce df db 70 7d 52 fe 73 55 10 6d 5a a9 85 66 a7 208cc6
6: ca 1e b5 5c 94 ae c2 7c d0 3e 04 91 f0 06 0b b8 be 26 86 77 1e 90 6011c6
7: fd 86 ee f0 64 5d b7 d9 1c 18 78 d2 ff d5 87 80 01 74 09 51 30 df 81e891
8: 4c e5 8b 47 d6 a1 f2 f4 81 04 8a dc 05 01 a9 0c e1 fb da 02 9a 9c 87ae78
9: 0b 85 74 91 ec b1 05 28 4c 8d 32 0e 6d 78 cd de b6 69 ff de 61 f6 53e5fa
10: ff 5a 93 e2 11 7d d9 71 5c db 03 e7 f8 a7 18 bf 0e e8 4c 8e 04 7a 7dc5c3
11: c1 b3 42 8b f7 e4 b0 7d 07 fe d8 c1 29 25 b6 db f5 f4 1e e5 6d cb f848d5
12: b0 65 67 ed 57 0e 6c eb eb 86 cd ee f5 ba 4b f0 94 5a fc 7c 98 f7 2d2204
13: 28 d3 ac b0 8a 80 8d ab 9e 51 5e 66 1f 5a 8a 73 2f 38 f0 82 ed 50 1fdf5d
14: 44 8a 82 e7 7a ce 45 3c ec 4b 8a e5 6b aa 98 b7 ca 1e 0c 19 c5 45 8f7545
15: 43 39 16 59 c2 7d e8 f9 b8 c5 c0 8d 1e 46 2f c1 e2 82 2f 6a a5 12 81ebd3
16: 57 1b 05 a7 af b7 0e 95 1f 2c f3 ca 53 e3 45 2a d6 96 0c 42 cc 4f 613239
17: 39 b5 56 1f 81 5f 5f a4 2b 3e 4d ee f9 34 21e5eb
18: f98fb5
```