

## PaperCrypt Recovery Sheet

### What is this?

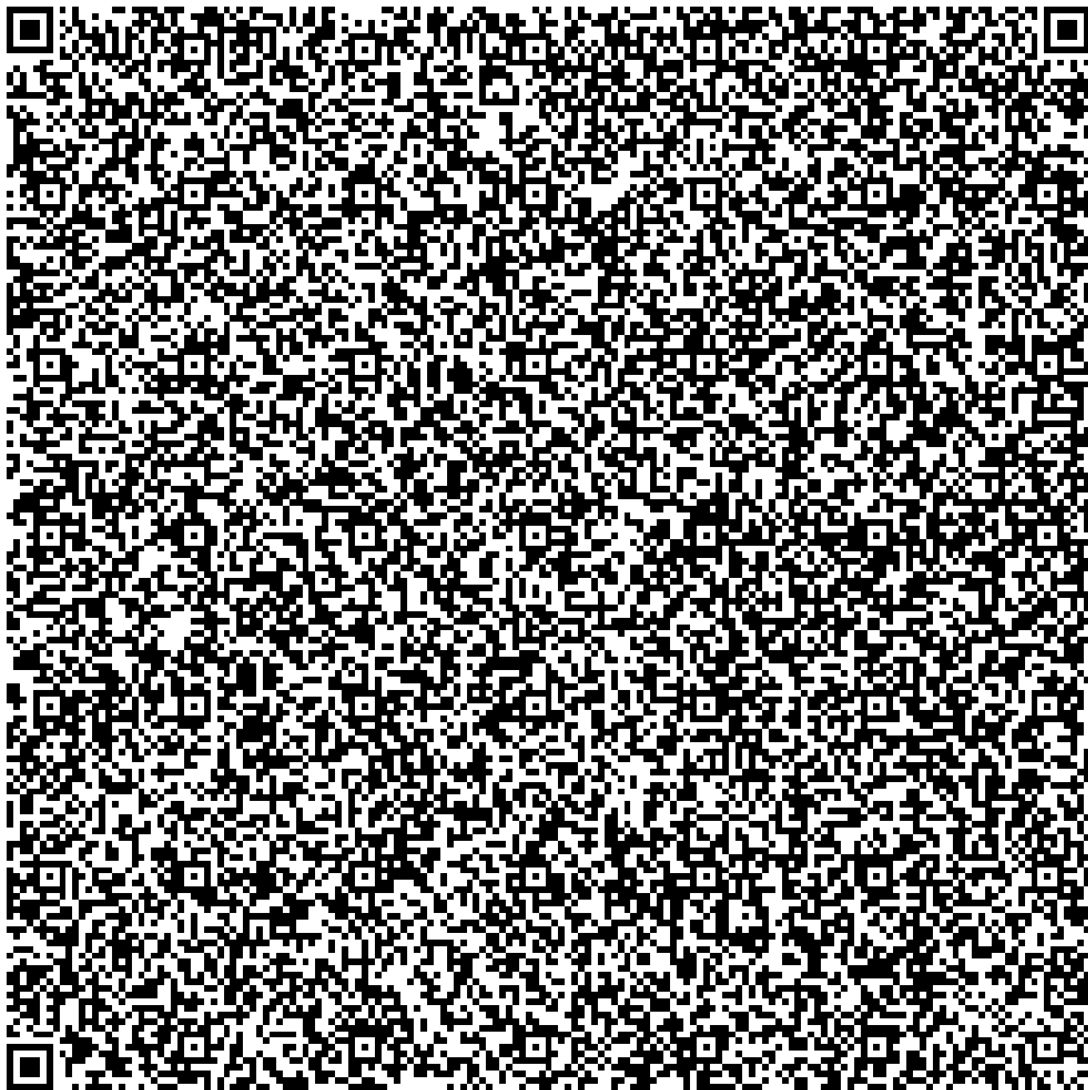
This is a PaperCrypt recovery sheet. It contains encrypted data, its own creation date, purpose, and a comment, as well as an identifier. This sheet is intended to help recover the original information, in case it is lost or destroyed.

### 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-beta0-23-gdced528-dirty
# Content Serial: C4R2R4
# Purpose: Example Sheet
# Comment: Lowercase PDF Example
# Date: Thu, 17 Aug 2023 17:14:58.339477800 CEST
# Serialization Type: papercrypt/base16+crc
# Content Length: 456
# Content CRC-24: 423f52
# Content CRC-32: 35ed78e1
# Content SHA-256: LbvPokKz580A5FAPok4o0qULK7h9PBrVljQzyYs75gM=
# Header CRC-32: 6fd27b79
```

```
1: c3 2e 04 09 03 08 cb af c4 51 02 75 42 e9 e0 e1 19 3d 06 92 b7 eb cba460
2: bf f7 d4 b8 0f 21 04 ce bb 23 ee 66 9a 9f 6c ae ce 4e 4d 9b 1b a9 013c97
3: 43 b3 2c ff d2 c0 d5 01 36 8e 88 e5 05 59 bb 32 8c 2f 0c d3 53 57 c29e0e
4: c0 a6 ba ae 33 ba 6d e9 a4 45 a2 12 6a 8c 7e c7 06 1f 3f 87 f6 37 535563
5: 3d fb 0a 16 8f 7a 2f ca 17 f7 3d 03 77 ad 90 a1 04 c5 54 63 7a 5d f73e11
6: 62 05 48 13 20 21 a5 c3 b9 21 b4 7e 7b 92 45 26 a5 8b 61 cc 23 42 f64e16
7: 02 51 80 ba 12 3f ab 54 4b 9a 44 49 3b 37 6c 37 3a d3 c2 58 6b 7a 3cca23
8: e0 03 38 fe 29 58 3d db 69 95 1e 27 4e 8b 90 d4 a8 a9 eb 08 1c c0 48ea7b
9: eb 26 2b 72 50 b8 a1 cc 53 3d 17 53 48 9c 26 e0 e0 ee 9f aa 91 11 02465e
10: 75 e3 dc 0b ff bd da 24 b7 49 8a 6b 51 34 9d d3 63 b9 9e 78 82 31 aba522
11: 81 a5 e8 31 40 18 77 e8 d1 55 b0 d5 2e ad 7f da 11 f6 9a 4b 5b 01 ea4508
12: 66 e8 0d b8 61 e2 08 0c f1 66 0e c1 80 da 8b f8 1c ca a6 45 0f 3a 7af1e5
13: 96 97 16 24 e7 35 af e6 9a fd cd 05 76 fb 12 11 58 e9 33 9d 41 fc 7ca444
14: 16 a4 30 72 1c 12 78 2a 61 ca 71 af 72 61 cc 91 89 f5 0a c4 dc cb b264ed
15: fc 29 50 72 a5 dd 39 3f 9b 70 fd 0f b8 00 af 46 cc 16 a7 a9 2f e3 6737a4
16: 1e 6f 77 cf eb fe 0e f6 75 23 9c 50 5d af cb 8f 5d 5c 1a c3 56 18 83569a
17: 57 13 73 f8 c0 9e 02 34 28 47 6d 3d 3f 69 51 40 1a 86 14 3a 60 f4 9bb1cd
18: 92 f8 60 c5 25 37 59 1f 4e 0b 56 c9 24 49 0f 39 79 39 61 2c 3f 9c ecda77
19: b5 26 f7 9a 24 a4 5e 47 c9 3e 3d e1 ce c2 e9 6b 09 ee 60 b4 1e 60 e05395
20: 49 3f 1b 69 20 92 08 61 cb 6d c4 ce 88 cb 1b 09 49 77 b1 28 d5 9a 05f318
21: b4 66 dc 6c c3 92 46 bf 3d 4b 8e 9f fa e1 38 c1 e2c66d
22: 423f52
```