

## PaperCrypt Recovery Sheet

### What is this?

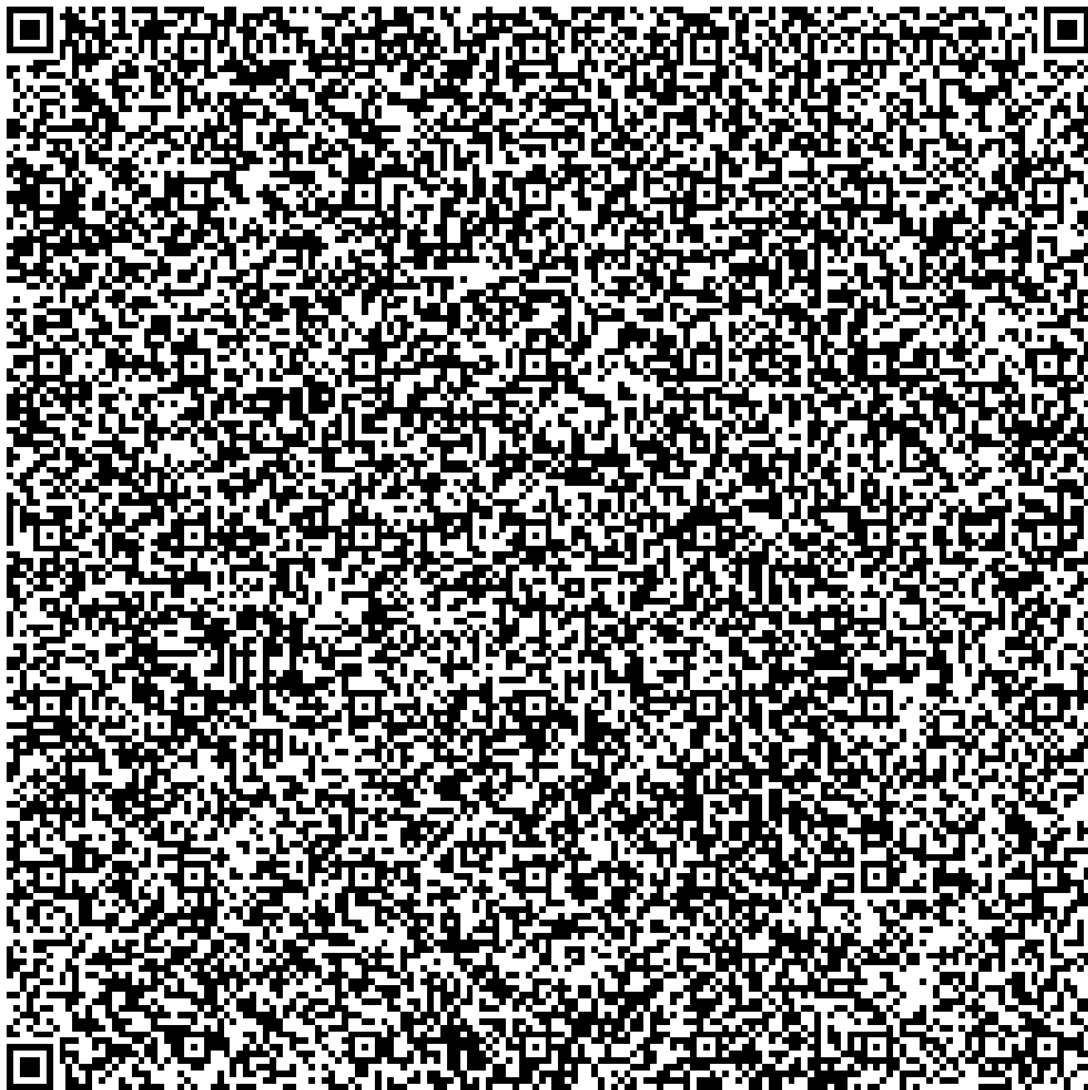
This is a PaperCrypt recovery sheet. It contains encrypted data, its own creation date, purpose, and a comment, as well as an identifier. This sheet is intended to help recover the original information, in case it is lost or destroyed.

### 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: GEDCHC
# Purpose: Example Sheet
# Comment: Regular PDF Example
# Date: Thu, 17 Aug 2023 17:14:58.031821700 CEST
# Serialization Type: papercrypt/base16+crc
# Content Length: 456
# Content CRC-24: 9a7011
# Content CRC-32: 3829b7f0
# Content SHA-256: y8HcDOy2nXcsR4SyHGfvvo9HtaG0aAIKi/+OaXpqrOg=
# Header CRC-32: 48f5ab5
```

```
1: C3 2E 04 09 03 08 8D 83 E9 5A 1E 23 56 B9 E0 6B 04 ED DE 5E 69 8E CA2E6C
2: B9 35 BA E2 F2 3C 89 3F 88 B0 3C 3C 98 6E BD 0F 5C 4E A3 D7 AC DE 531D8A
3: F6 E2 F0 39 D2 C0 D5 01 37 D5 17 29 A6 66 80 D8 2A E8 99 63 44 B6 8D633F
4: 42 C3 8F 3E D1 B3 3B 1B 28 66 87 B1 21 4F 2D 5E F3 B1 14 CB AE 5D 8BADAC
5: DF 2F B0 FB 3B FA 45 ED 4E A2 C7 D8 CB E3 2E FE 89 F3 C8 F9 16 49 86E290
6: A8 75 D3 7A 21 99 D7 1C 6A E2 48 A0 4E AC D3 74 47 A8 2C B1 6D AB 4A8B4A
7: 45 7B DE D1 98 F9 5B E7 11 41 0A 52 60 DF 32 BD 86 5D C8 D3 95 0B B9D576
8: E5 C9 EA CC FC 92 1B D5 37 69 5E EF 1D 1C 2A 53 B8 3D 32 29 17 A7 D82927
9: 13 93 0F 86 55 2D B2 BD 25 13 C8 E4 28 F0 39 2D 52 F5 19 54 0B 65 A8F198
10: FA 8F 15 9A 8F AF DD 80 3E 4D 2B 11 DD CF 86 60 7A 52 B9 CE 54 25 170612
11: A0 7C 39 84 1E B1 54 3C C0 D5 C9 AC F8 71 54 8B 8D B3 AE 4E AF FE 8ACF04
12: 28 E3 77 81 B2 63 A4 78 4B 04 5F A2 8B 84 4A 4B 13 61 74 65 28 FD B5AAA1
13: C3 7E F8 06 6E 3B BB 91 AD E9 CD 4C 80 0A FA BF 48 D8 12 6A AA 80 E573DF
14: 5B C0 DC 4E 3E 4C BA EF 5A 16 A8 A3 1A 61 29 7D FB C1 F4 5C FB D6 2F8014
15: 2E 04 96 AD 14 B5 75 36 E2 06 4A 1D 5E 32 0F 46 06 7C D5 DC D7 E5 A01983
16: D1 A3 24 8F 19 77 D9 B3 FE EF E0 25 10 60 27 A3 9B 4B 13 6B 25 A2 E3C46F
17: C1 27 86 F3 12 6F 27 AE 82 A1 3A 5A 68 F0 BB FC 12 03 83 0A 8C A6 2765AB
18: 61 C6 E1 5F D5 A8 D2 86 7A 7F 4F CA E5 ED BC 6E 94 7A AE 1D 04 5F 97CAD9
19: B4 7A 9C FE 43 77 14 11 96 53 77 E2 13 66 45 80 0F A0 B8 C0 45 5C 1FDACB
20: 8D 11 91 9D 0B 5C 74 AB 39 B2 14 C0 71 6A 0E 72 77 51 33 60 41 C4 112FDE
21: 79 50 4F 48 DA B5 47 18 3A 92 3C 49 8E D6 F6 24 CF9DCA
22: 9A7011
```