## PaperCrypt Recovery Sheet

## What is this?

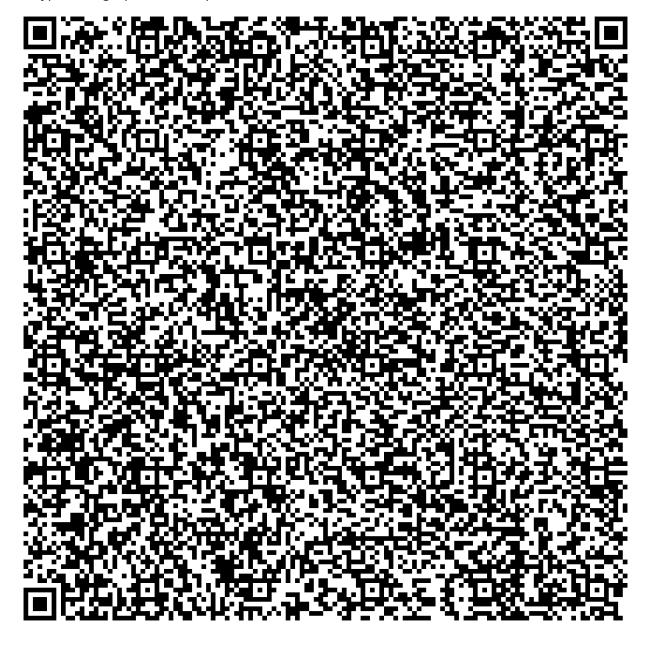
This is a PaperCrypt recovery sheet. It contains encrypted data, its own creation date, purpose, and a comment, as well as an identifier. This sheet is intended to help recover the original information, in case it is lost or destroyed.

## **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: 1.3.0
# Content Serial: FYIEUN
# Purpose: Example Sheet

# Comment: Lowercase PDF Example

# Date: Sat, 27 Jul 2024 09:38:39.762701700 CEST

# Content Length: 362
# Content CRC-24: 894d20
# Content CRC-32: f5eb4ce9

# Content SHA-256: dXLkQkmKxBzm4dSgimEj/a6QoCXXILC6hfgiP0f4Y8A=

# Header CRC-32: bca462d1

1: c3 2e 04 09 03 08 9e 15 41 c8 5a a6 db 2f e0 4c ee 3e db c9 2a 49 fc3b1e 2: c5 52 c7 32 06 d8 a3 87 17 a2 e0 51 ad 0a ee a6 46 30 ee 9a f7 b8 eaee0c 3: 1f 95 1d 53 d2 c0 77 01 8b ed 23 3e df d3 f1 e4 68 05 da fa 88 51 6f1872 4: 56 cl 5d 94 30 a3 36 6a 82 7f 42 d0 5a ae 91 5d 2f 46 f9 47 7f 0d 42a423 5: ab 59 ad 9b 79 c2 3b 8a 7b e7 e4 20 8d c4 96 2c 1d 96 d5 49 40 01 abd446 6: 1f f9 8c f9 af 36 82 48 47 0c a0 ba 05 23 87 6d 5b 50 ff f1 a3 bc b5f5c4 7: f8 f5 be 82 45 b9 db 89 09 99 16 fe 41 6e 85 81 51 be bc ca 82 64 1a7239 8: 4a ab 30 70 1b 1c b3 96 13 de f8 9f a2 d8 6e 88 36 64 eb ce 46 d8 fc71bb 9: fd 59 d6 3f 51 6c e5 be 27 b8 87 dd b2 33 6c 0f 4b 38 8a 06 f1 22 1779a0 10: 90 5f 8f 56 af 22 4c 7c 99 71 3c 41 6f 5e f4 fe 3d bf 62 87 3a 77 c3d01e 11: d9 45 1d 2f dd 5a 99 fb 68 f7 90 92 9b 82 e7 7c 97 54 b6 12 3a 3e 9eeab6 12: 9a 67 81 8a 40 99 8b be 8c b3 5b 2e 43 47 d5 4f f6 59 e1 b9 43 f1 2e28d2 13: bb 2f c2 bd 69 d7 8f 31 6a aa 57 9e 38 09 af f9 e1 8d 5d 7f 2b 77 8f144d 14: b0 ca bd 25 e4 2f 64 4b ab 68 90 e8 05 6b e0 76 92 92 28 fd 50 30 c3233e 15: d5 df 58 df d6 a3 31 bc e9 3d f0 9d f7 26 59 a4 17 6b 6b 12 cc f7 eea19d 16: 99 48 46 da 1d 5f 62 52 73 97 ed 92 37 db 25 7b 4a 8b 0f 11 a0 06 35b6f8 17: 28 8d 08 8c 3b 17 af 80 b5 ed d0a5f5

18: 894d20

