

PaperCrypt Recovery Sheet

What is this?

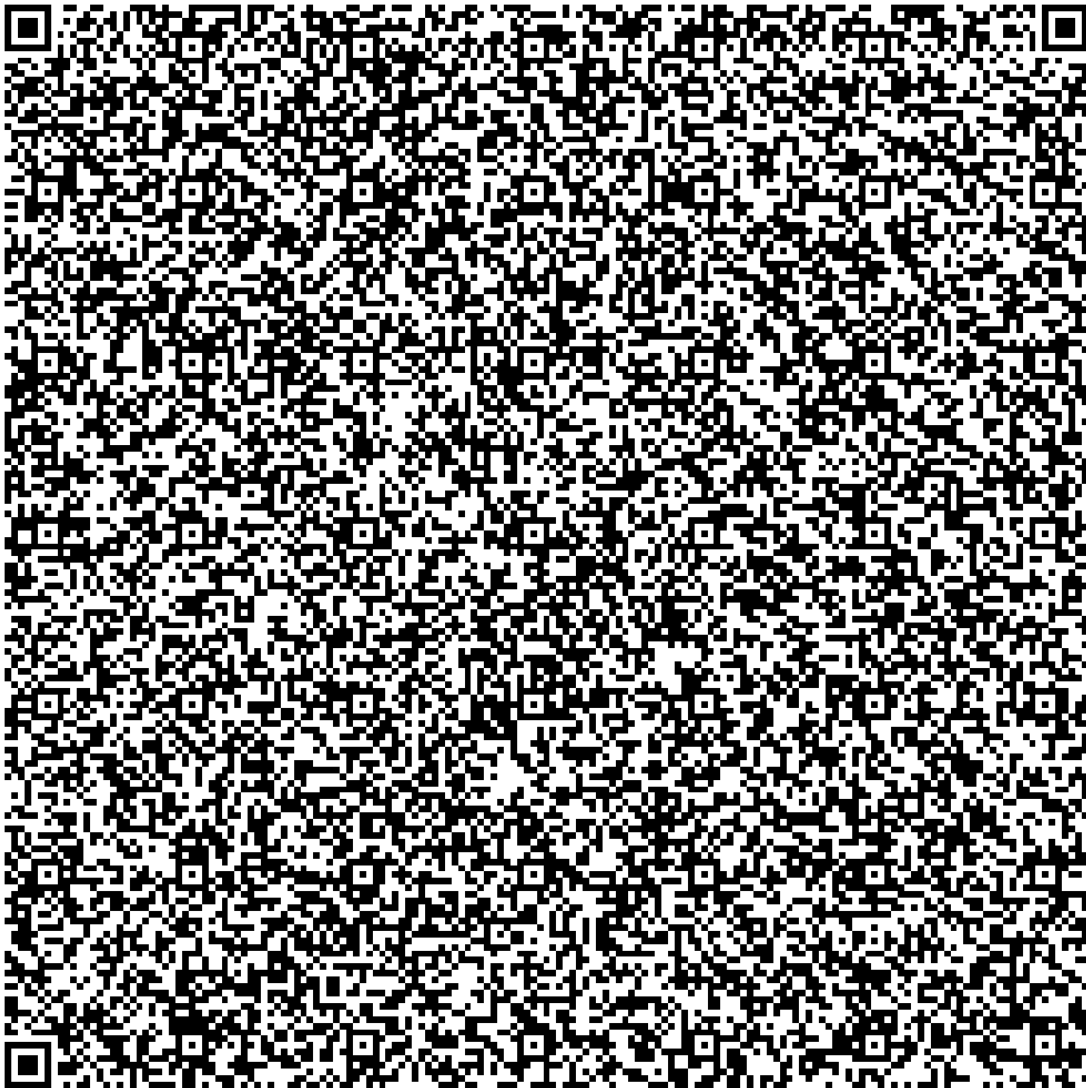
This is a PaperCrypt recovery sheet. It contains encrypted data, its own creation date, purpose, and a comment, as well as an identifier. This sheet is intended to help recover the original information, in case it is lost or destroyed.

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: NPKCO3
# Purpose: Example Sheet
# Comment: Armoured PDF Example
# Date: Thu, 17 Aug 2023 17:14:58.220034800 CEST
# Serialization Type: openpgp/armor
# Content Length: 732
# Content CRC-24: f16938
# Content CRC-32: f987712
# Content SHA-256: VbWT4aQ8642izn9CZr32xfTohEMFu4o/gKlusKDWyWE=
# Header CRC-32: eb99e7bb
```

-----BEGIN PGP MESSAGE-----

Version: GopenPGP 2.7.2

Comment: <https://gopenpgp.org>

```
wy4ECQMI6vOUS6FVvsXgVNB7JDHaGxg64D6wMMCLkW0pJfNFMOWo/fShFQyBCVN
0sDVAVZl2m25JYUucIOPYZL6W8EUVpudxIBuryhbDlOlcxgHxlpvB+JHh/f0TBti
Rv9Z8vktDqmyGVEkdtAlHPd+vZjr/3Z8WJs+8ln8n/5KBWvV2c7i2IjzwNs+edcB
D//uLcwK6U87fL6Irmz6rrCeeh72nbmTQnqBqmFFbzticA3QAbpaKSx2WUKPMjs6
WzO7zXrW4yhD6PLOHRPSxtCXTlfaWhhygkXBwsCg+6sQ9HxccZQpjgDh73VA8fTh
Q4GMhNnJ/gXVteliqxJrz/oOT9uqqptptIIgZizCWyX9AyzbzjKIAktJNjYBkxT
6TlZzfey7m2kEE9030iaAdmSMT25O+/QR0FAIz8RFuDbOLzbj36jRm8IfTeGNdF9
WYZ188MPKCV+Ne59IszMmf2rBqcYqsRHZ6tiaYEm0TlX0/PmjxNymHlOuaG0MO5i
qITV9V4VWwJcGx997KTglduLXMValpcOp76MH7INQH9daQHUSHBGhFJ4KeXbCBXG
Kqwhwr782yLIA3ksSR6ujTs3VuvwF5/h
=MeAi
```

-----END PGP MESSAGE-----