# 1. Purpose

The Suremess<sup>TM</sup> service provides a simple way to cipher and securely store your messages.

Given the 3 layers of process used, there are more than 57 billion possibilities for each coded char of your message and no easy way to build back the original message given all language specific references (such as character frequency) are lost. So for messages longer than 10 chars, it is beyond the capacity of any available supercomputer…

# 2. Functions

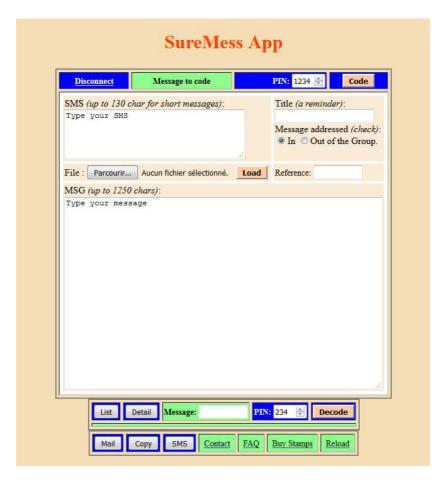Two modes are available: coding and decoding.

The main coding functions provided are:
- **Type** the message to cipher (or paste from another source, or load from a file)
- Provide a **PIN** number (0000 to 9999)
- **Send** the coded message **reference** by email or short message (only the **reference** is exchanged)

The main decoding functions provided are:
- **Capture** message **reference** to decipher (cut and paste from email or short message)
- Provide a **PIN** number (0000 to 9999)
- **Display** the decoded message if the PIN is correct (only 3 attempts allowed)

General design (real implementation may differ):

## 3. Service

The web-based version requires the purchase of electronic stamps for coding and decoding messages.

One stamp allows one week of service.

The first stamp is free (so the first week is offered).

The stamps have a very small (1.5 euro) and decreasing price, down to 5 cents when buying one year of service.

The service is mobile friendly and accessible at:
http://www.suremess.eu/intro.htm

A demo version is hosted there to get familiar with the service.

## 4. Future releases

The following evolutions are planned for the coming months:
- Provide a mobile friendly app (yet the service is already accessible to mobiles)