

1. Purpose

The Suremess™ 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):

The screenshot displays the SureMess App interface. At the top, the title "SureMess App" is shown in orange. Below it is a navigation bar with buttons for "Disconnect", "Message to code", "PIN: 1234", and "Code". The main area is divided into two sections: "SMS (up to 130 char for short messages):" and "MSG (up to 1250 chars):". The SMS section includes a text input field for "Type your SMS", a "Title (a reminder):" field, and a "Message addressed (check):" section with radio buttons for "In" (selected) and "Out of the Group". Below this is a "File:" section with a "Parcourir..." button, the text "Aucun fichier sélectionné.", a "Load" button, and a "Reference:" field. The MSG section has a large text input field for "Type your message". At the bottom, there is a navigation bar with buttons for "List", "Detail", "Message:", "PIN: 234", "Decode", "Mail", "Copy", "SMS", "Contact", "FAQ", "Buy Stamps", and "Reload".

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)

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0 3C21444F43545950452068746D6C3E00 <!DOCTYPE html>
16 3C68746D6C3E00003C68661643E0020 <html>.<head>
32 2020201C6D6574612063686172736574 <meta charset=
40 30225554462D38223E00202020203C74 <title>Crypto App
64 69746C653E43227970746F2041707020 </title>
80 74656D706C6174653C2F7469746C653E </-- This t
96 003C2120200020202020546067732074 <!-- This t
112 656D706C6174652069773207573656420 <!-- This t
128 746F2064697732076C6179207468652057 <!-- This t
144 45422061773736974616E636520746F20 <!-- This t
160 43227970746F20417070207573616765 <!-- This t
176 2E002D203E2020202020202020202020 <!-- This t
192 657461206E616D653E2276696577706F <!-- This t
208 72742220636F6E746556743022696E9 <!-- This t
224 7469516C2D7363616C653D312E302C20 <!-- This t
240 6D6178696D756D2D7363616C653D312E <!-- This t
256 302C206D696E696D756D2D7363616C65 <!-- This t
272 3D312E302C202020202020757365722D7 <!-- This t
288 63616C616E6C653D303E2220203E0020 <!-- This t
304 20202000202020203C6C696E6E207265 <!-- This t
320 6C3D227374796C657360656574222074 <!-- This t
336 7970653D22746570742F637373222060 <!-- This t
352 7265663D226170706672616D65776F72 <!-- This t
368 6B2F61662E75692E6373732220203E00 <!-- This t
384 202020002020202020202020202020 <!-- This t
400 74796C6573686565742220747970653D <!-- This t
416 22746570742F6373732220607265663D <!-- This t
432 226170706672616D65776F726B2F6963 <!-- This t
448 6F6E732E637373222020202020202020 <!-- This t
464 3073637269707420747970653D227465 <!-- This t
480 70742F606176617236372697074222063 <!-- This t
496 6061727365743D227574662D30222020 <!-- This t
512 2020207372633D226170706672616D65 <!-- This t
528 776F726B2F6170706672616D65776F72 <!-- This t
544 602F75692E696E2E6A72223E3C2F73 <!-- This t
560 63726970743E0020003C212D2D202020 <!-- This t
    
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