CLAIMS:

1. A verification method comprising the step of:
generating an operable, scrambled keypad and providing said keypad within a display zone of a screen associated with an electronic device;
presenting an image of a non-scrambled keypad within at least part of the display zone such that it is superimposed over the operable, scrambled keypad, and a user is able to operate at least one key of the operable, scrambled keypad via the image to enable an encoded version of the user's input to be entered into the electronic device due to a mapping that is generated between the keys depicted in the image of the non-scrambled keypad and the keys of the operable, scrambled keypad; and
constructing an encoded version of the user's identifier from multiple encoded inputs detected by the operable, scrambled keypad.

2. A verification method according to claim 1 wherein the operable, scrambled keypad is generated at run-time by invoking a portion of code.

3. A verification method according to claim 1 or 2 wherein the operable, scrambled keypad is generated by a subroutine which is provided as standard with the device.

4. A verification method according to any preceding claim wherein the image depicts a keypad which is a default keypad associated with the device.

5: A verification method according to any preceding claim wherein:
the image is generated on the device: or
the image is received by the device from a remote computing resource.

6. A verification method according to any preceding claim wherein the operable keypad is generated using a keypad configuration derived using a random, or pseudo-random, number, or biometric data relating to the user.

7. A verification method according to any preceding claim wherein the order of the operable keys in the operable keypad is at least partially determined using biometric data derived from or associated with the user, preferably wherein the biometric data

comprises, or is processed to provide, one or more strings, arrays or sequences of values which are used to specify the order of the operable keys.

8. A verification method according to any preceding claim wherein a plurality of operable keypads is generated, and wherein at least one keypad in the plurality is a scrambled keypad.

9. A verification method according to any preceding claim wherein a plurality of keypad images is generated, and wherein at least one image in the plurality is an image of a non-scrambled scrambled keypad.

10. A verification method according to any preceding claim wherein the mapping enables an encoded version of an input, from the user, to be inputted into the device.

11. A verification method according to any preceding claim and comprising the step of transmitting the encoded version of the input to a remote computing resource.

12. A verification method according to any preceding claim wherein the electronic device is a mobile phone, a tablet computer, a payment terminal, a portable computing device or a personal computer.

13. A verification method according to any preceding claim wherein the device is a payment terminal and incorporates a card-reading component so that data can be read from the chip and/or magnetic stripe of an integrated circuit card, or via NFC or contactless communication technologies.

14. A verification system comprising:
an electronic device;
a screen associated with the electronic device;
wherein the electronic device is arranged to:
generate an operable, scrambled keypad and provide said keypad within a display zone of the screen; and
present an image of a non-scrambled keypad within at least part of the display zone such that a user is able to operate at least one operable key of the operable, scrambled keypad

via the image to enable an encoded version of the user's input to be entered into the electronic device due to a mapping that is generated between the keys depicted in the image of the non-scrambled keypad and the keys of the operable, scrambled keypad; and construct an encoded version of the user's identifier from multiple encoded inputs detected by the operable, scrambled keypad.

15. A verification system according to claim 14 wherein the system is arranged and configured to implement the method of claims 1 to 13.