CLAIMS

1. A method for configuring a contactless application on a chip within a portable device, the portable device comprising input/output means arranged to communicate with other devices via a contact connection and via a contactless connection, the method comprising a first process and a second process, wherein:

the first process comprises:

receiving, at the chip and from a first other device, a set of computer instructions, to be executed by the chip, to:

create a contactless application in a data store of the chip; and

initialise at least one file associated with the contactless application,

configuring the contactless application in accordance with the set of computer instructions, and

the second process comprises:

executing, by the chip of the portable device, the contactless application, whereby to transmit data to a second other device,

wherein the first process is conducted via physical contact between the first other device and the portable device and the second process is conducted via contactless communication between the portable device and a contactless reader of the second other device.

2. A method according to claim 1, comprising activating the contactless application in response to a command received at the chip from a third other device.

3. A method according to claim 2, comprising receiving the command via physical contact between the third other device and the portable device.

4. A method according to any one of claims 1 to 3, wherein the first process comprises:

receiving the computer instructions as compressed data; and

decompressing the compressed data to obtain the set of computer instructions.

5. A method according to any one of claims 1 to 4, wherein the set of computer instructions comprises instructions to initialise at least one cryptographic key associated with the application.

6. A method according to any one of claims 1 to 5, wherein the computer instructions to initialise at least one file comprise computer instructions to:

create a file structure comprising the at least one file; and

store within the file structure data associated with the at least one file.

7. A method according to any of claims 1 to 6, wherein the first other device is a point of sale terminal or an automated teller machine.

8. A portable device comprising:

input/output means arranged to communicate with other devices via a contact connection and via a contactless connection;

a chip arranged to:

receive, from a first other device and via physical contact between the first other device and the portable device, a set of computer instructions, to be executed by the chip to:

create a contactless application in a data store of the chip; and

initialise at least one file associated with the contactless application,

configure the contactless application in accordance with the set of computer instructions;

execute the contactless application, whereby to transmit data to a second other device via contactless communication between the portable device and a contactless reader of the second other device.

9. A portable device according to claim 8, wherein the portable device (805) is a payment card.

10. A portable device according to claim 8 or claim 9, wherein the contactless application is a contactless payment application.

11. A portable device according to any one of claims 8 to 10, wherein:

the portable device comprises a smart card; and

the physical contact between the portable device and the first other device comprises a connection between a card reader of the first other device and at least one contact pad of the smart card.

12. A portable device according to claim 11, wherein the first other device is a point of sale terminal or an automated teller machine.