

ABSTRACT

SINGLE USER BINDED HARDWARE SECURITY MODULE (SUB HSM)

The present invention discloses a SUB HSM (1) in the form of a wirelessly charged battery powered card, comprises a card body (1) integrated with a plurality of hardware modules; wherein the hardware modules include: one or more peripheral modules to which a user can interact therewith for providing input and/or output data, a transmission module (20) for establishing a data transfer link to connect with a device which a user interface is operated thereon via a communication protocol, a battery module (30) for supply electricity to the operational modules, and a centralised microcontroller unit (40) for controlling the operations of the hardware modules.

(Fig. 3)