

# **KMS Interface User Guide for RSBY Health Card**

## **(32 K)**

The DLL for KMS of **RSBY Health Card** has following functions:-

1. This function as defined below is for MIC Card verification through PIN

*VerifyIA(ReaderHandle as long, appData as String) as Boolean*

- a) ReaderHandle (Input Parameter): Reader Handle in which the MIC card is connected.
- b) appData(output parameter): returns Application Data as hex string.
- c) Return True in case of success else False.

### ***ReaderHandle:***

Handle that identifies the connection to the smart card in the designated reader. This handle of type long is return by *ScardConnet* (PCSC command from *Winscard API*)

Reader Handle of the IA card reader is given as input, only once. It prompts for the Pin of IA card and verifies the pin once at the beginning of invocation of application. After this personalization of RSBY cards can be carried out. In case IA card has been disconnected this function shall be required to be invoked again

2. This function is for derivation of unique key for Health card and injecting it to the card.

*InsertKeys (ReaderHandle as Long, IAID as String) as Boolean*

- a) ReaderHandle (Input Parameter): - Reader Handle in which the RSBY Health Card is connected. This handle of type long is return by *ScardConnet* (PCSC command from *Winscard API*)
- b) IAID (Output Parameter): - Returns ID of RSBY Issuing Authority Card .
- c) Return True in case of success else False.

**The ReaderHandle is supplied whenever a fresh RSBY card needs to be personalized. The module will insert keys in the RSBY Health Card and activate the card.**

Call the DLL as explained below

*Public tdll As New KMSRSBYDLL32K.RSBYKMSDLL32K*  
*x = tdll.VerifyIA(hCa, MinTH)*

x is a Boolean variable.

hCa is reader handle for MIC card.

MinTH returns the minutia in hex string as shown in definition above.

*x = tdll.InsertKeys(hCa, id)*

x is a Boolean variable.

hCa is reader handle for RSBY card.

ID returns the MIC card holder ID in string as shown in definition above

### **Difference from 16 K RSBY card DLL:-**

Two Differences:-

- 1) The size of file E006 has been changed . 1177 more bytes are added to the file in case of 32K card.
- 2) The size of file E007 has also been changed. 2000 more bytes are added to the file in case of 32 K.