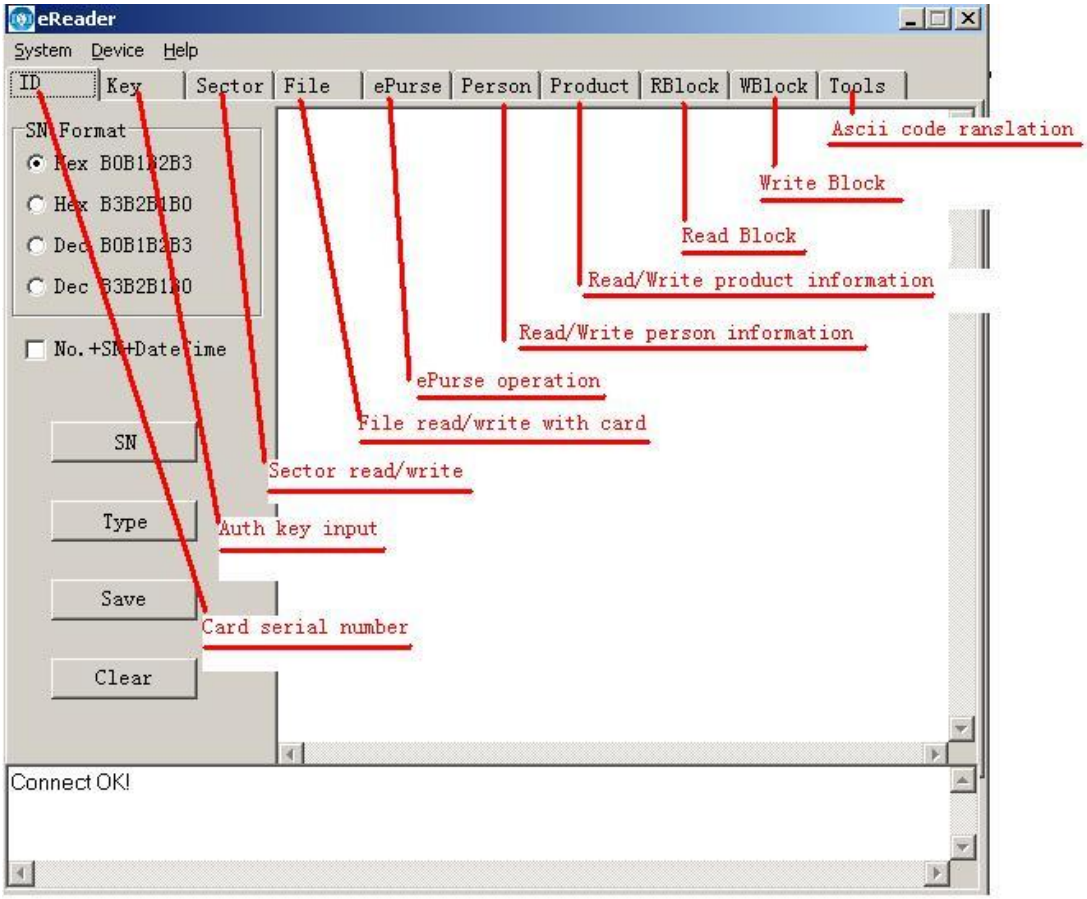
eReader

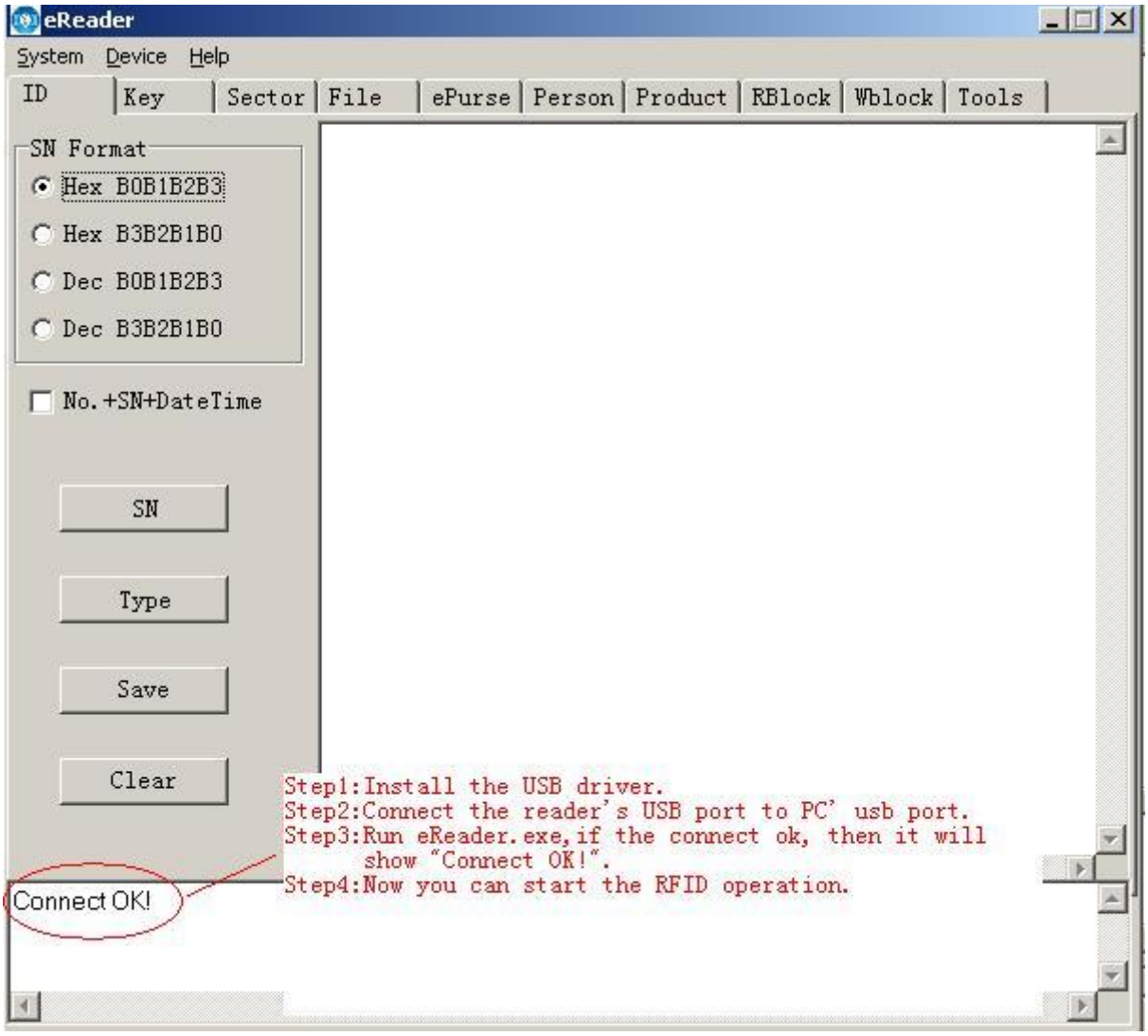
Manual

Ehuoyan Technology Co.,Ltd.

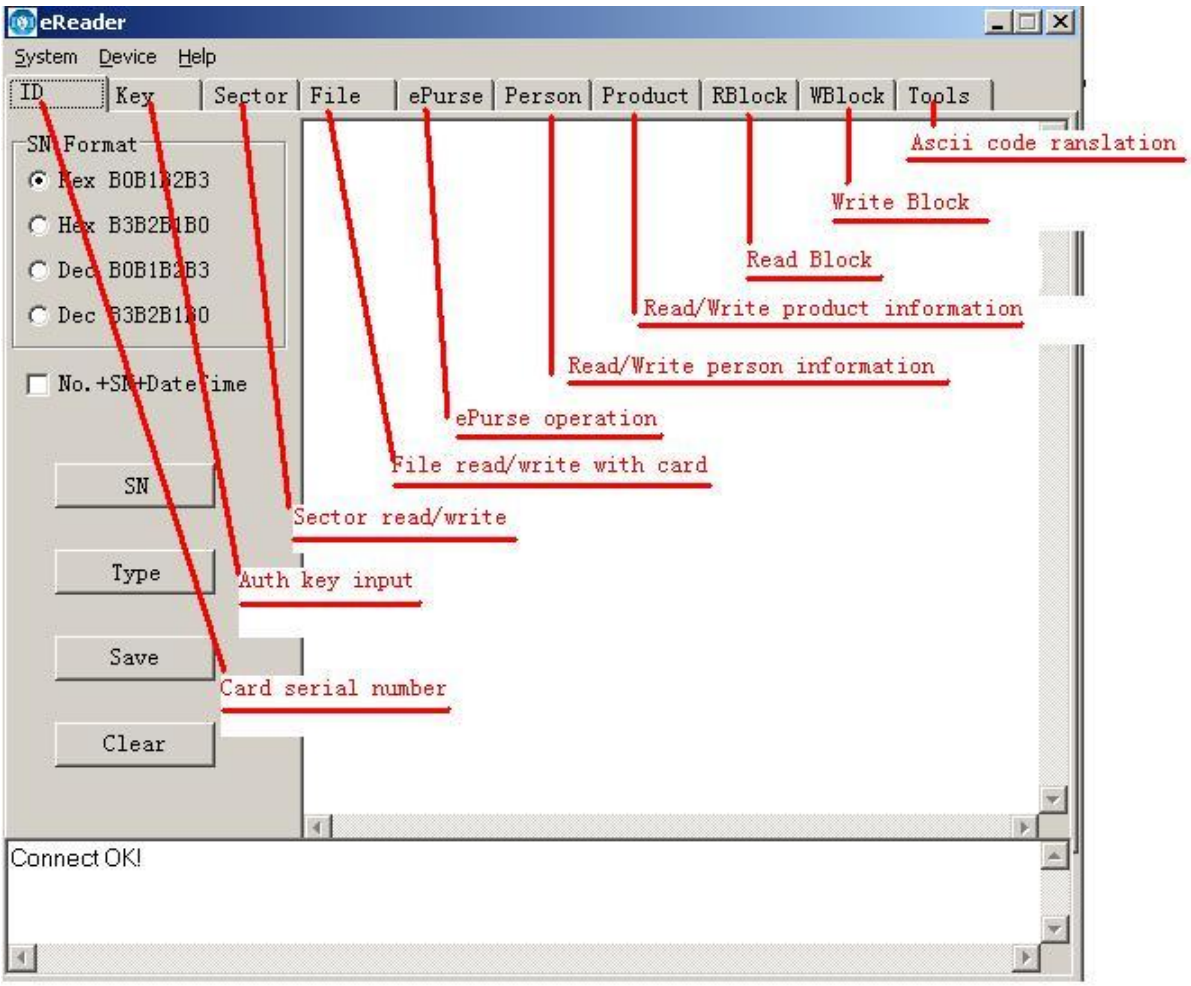


We make red notes on the pictures for telling how to use the program eReader.exe.

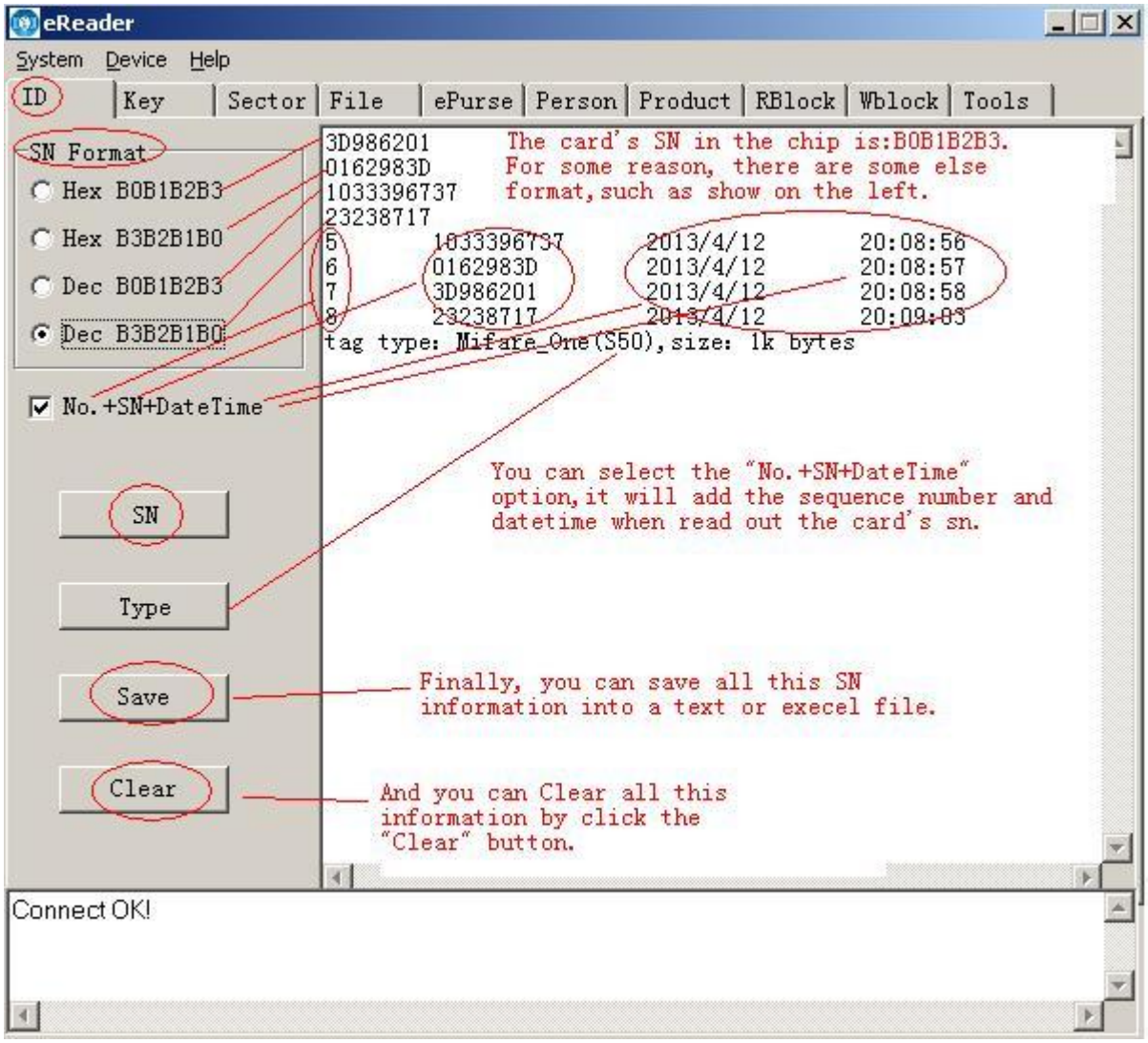
1. Connection



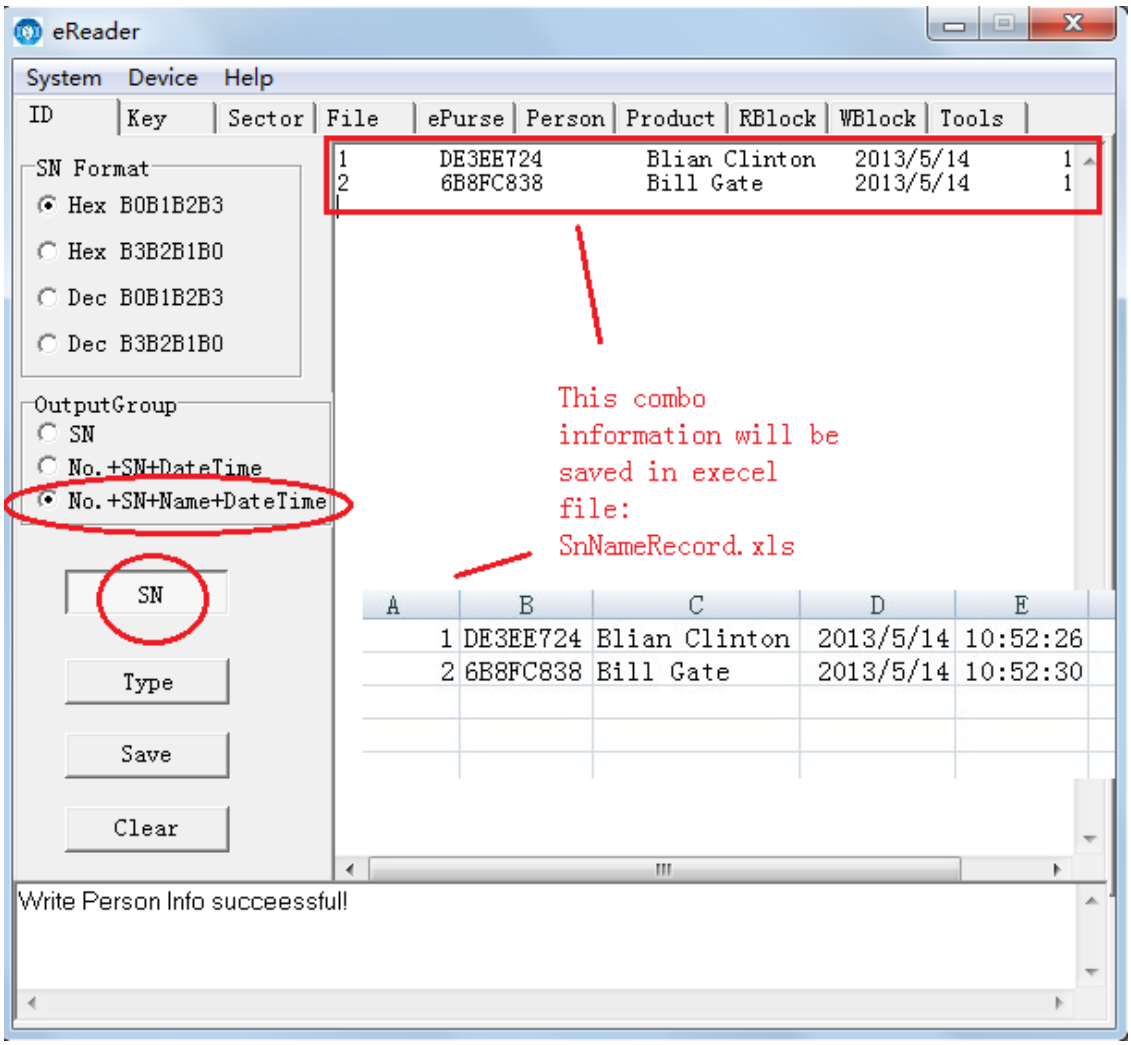
2. Main functions


eReader
System Device Help
ID
Key
Sector
File
ePurse
Person
Product
RBlock
WBlock
Tools
SN Format
Hex B0B1B2B3
Hex B3B2B1B0
Dec B0B1B2B3
Dec B3B2B1B0
No.+SN+DateTime
SN
Type
Save
Clear
Ascii code ranslation
Write Block
Read Block
Read/Write product information
Read/Write person information
ePurse operation
File read/write with card
Sector read/write
Auth key input
Card serial number
Connect OK!

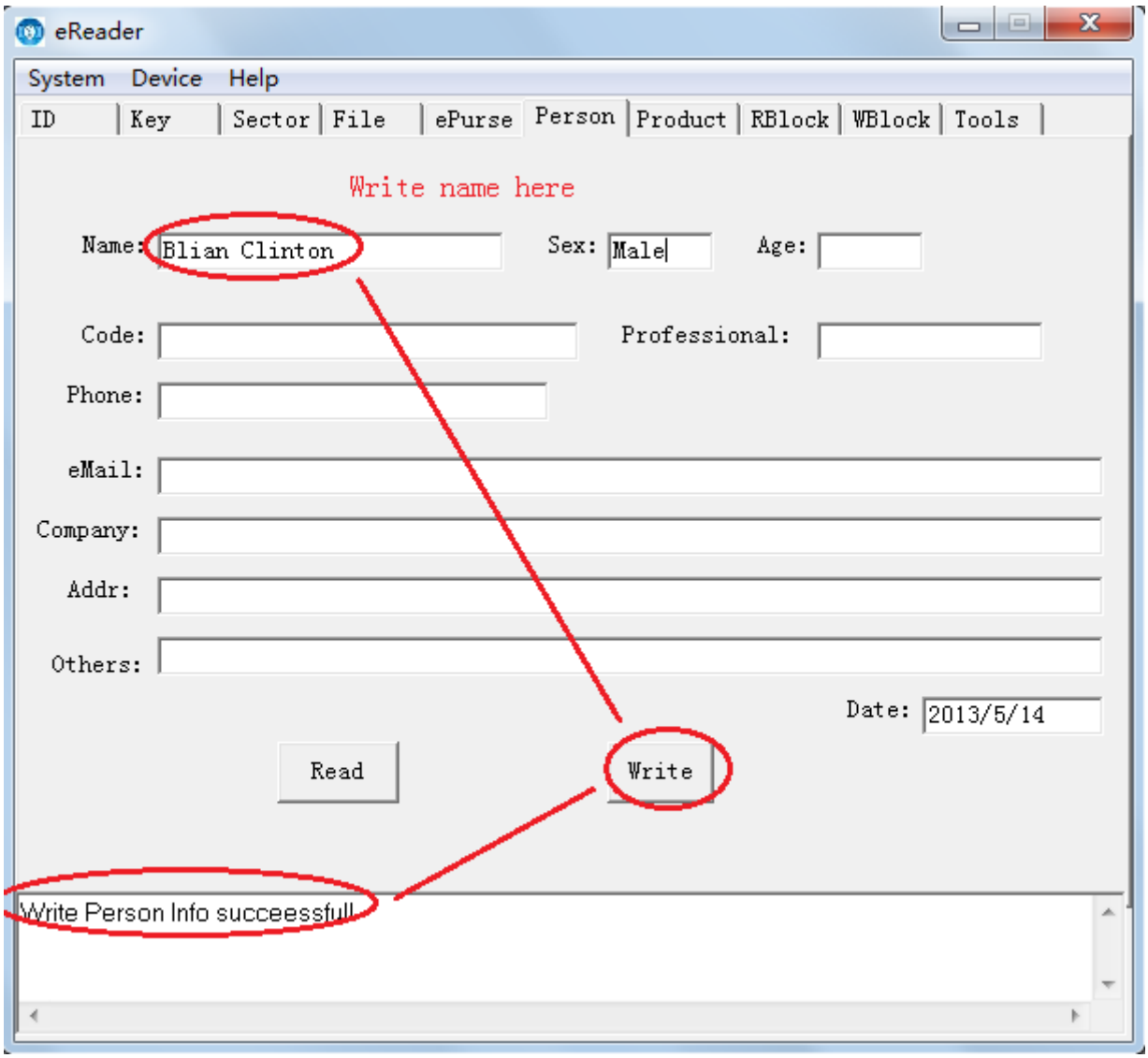
3. ID



Note: On the verson 4.2.1 the software eReader.exe add a new function which can read out the “Name” and the record information will be written into a file “SnNameRecord.xls”.

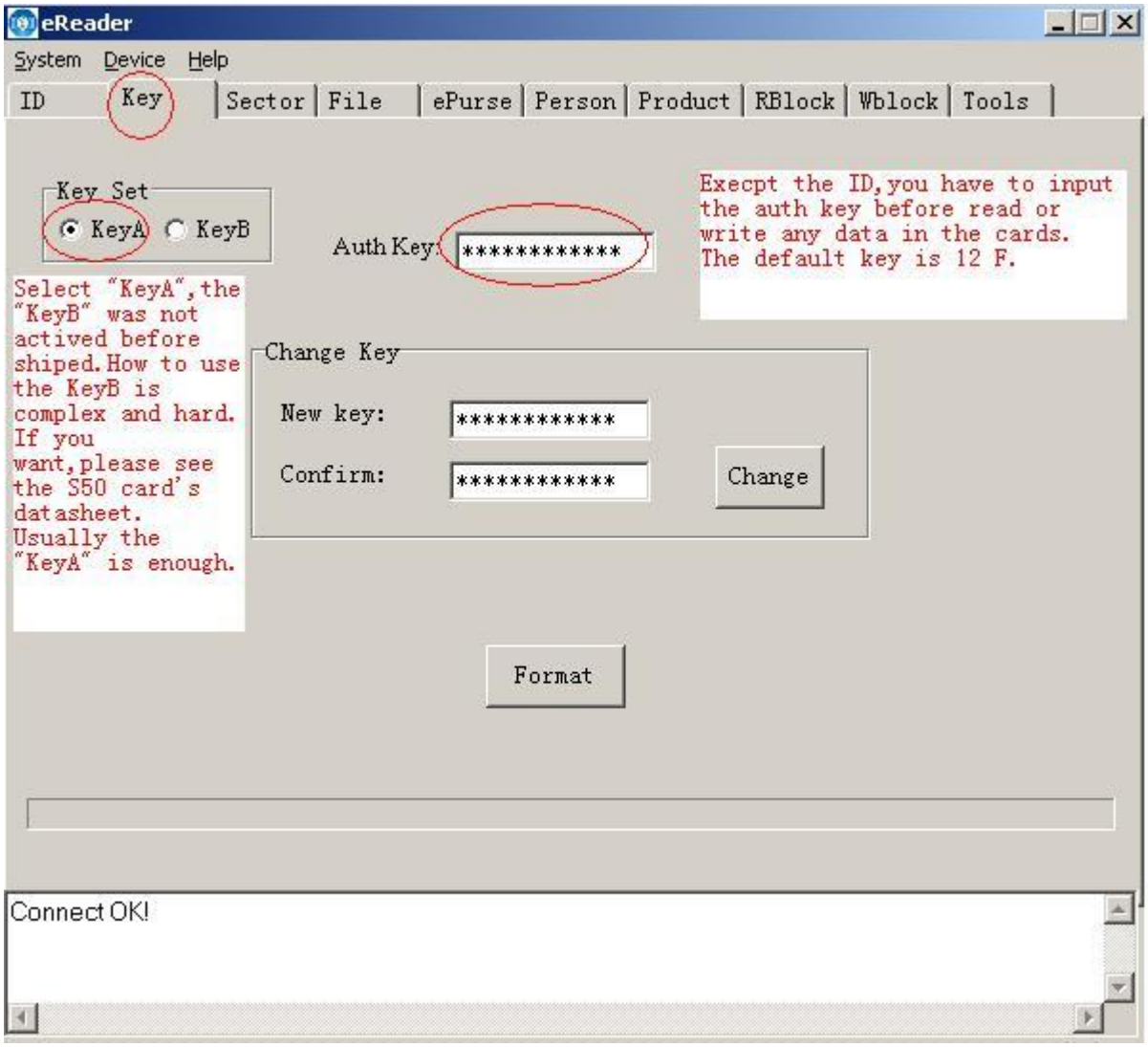


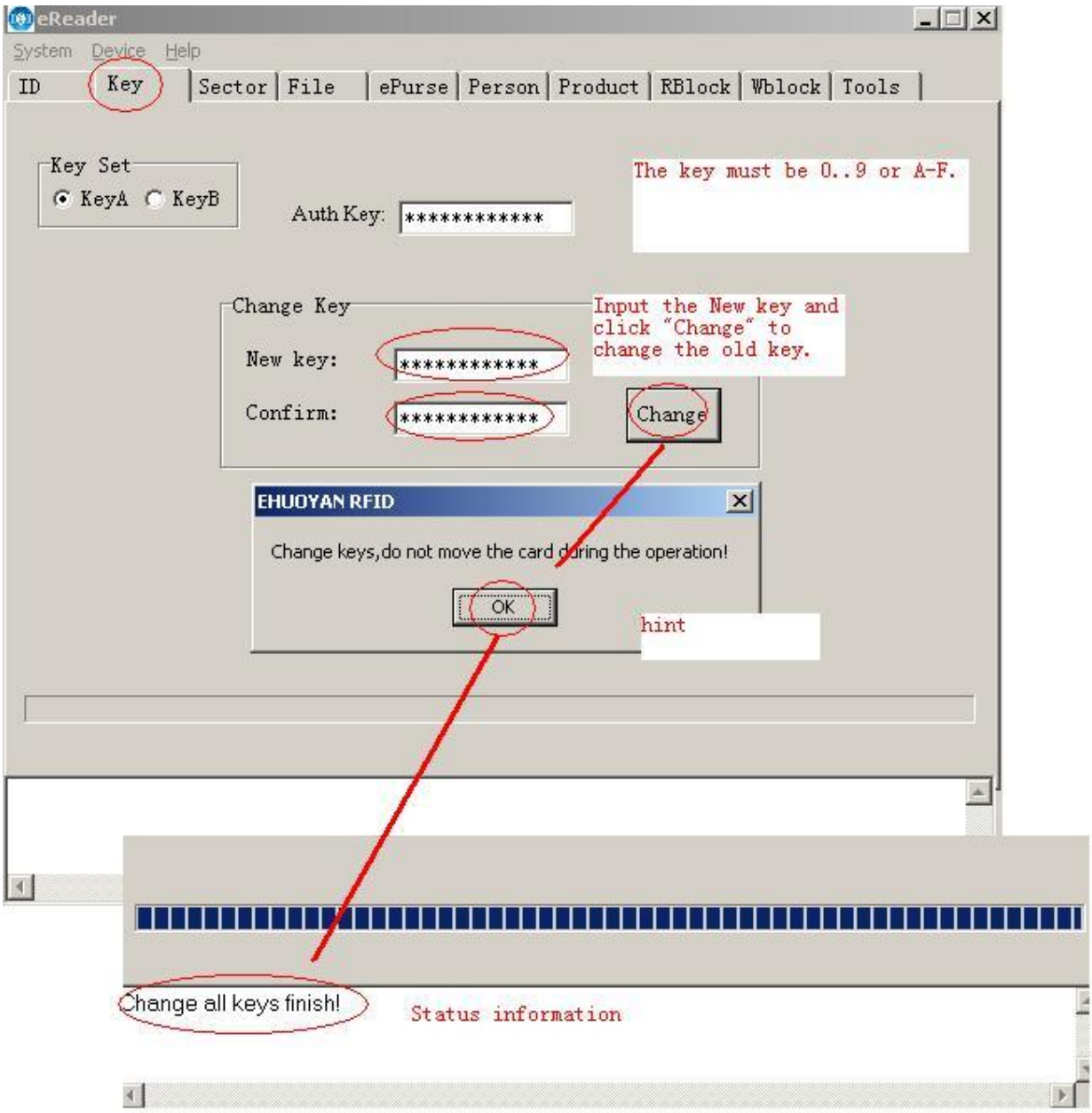
Next picture show how to write “Name” into card.

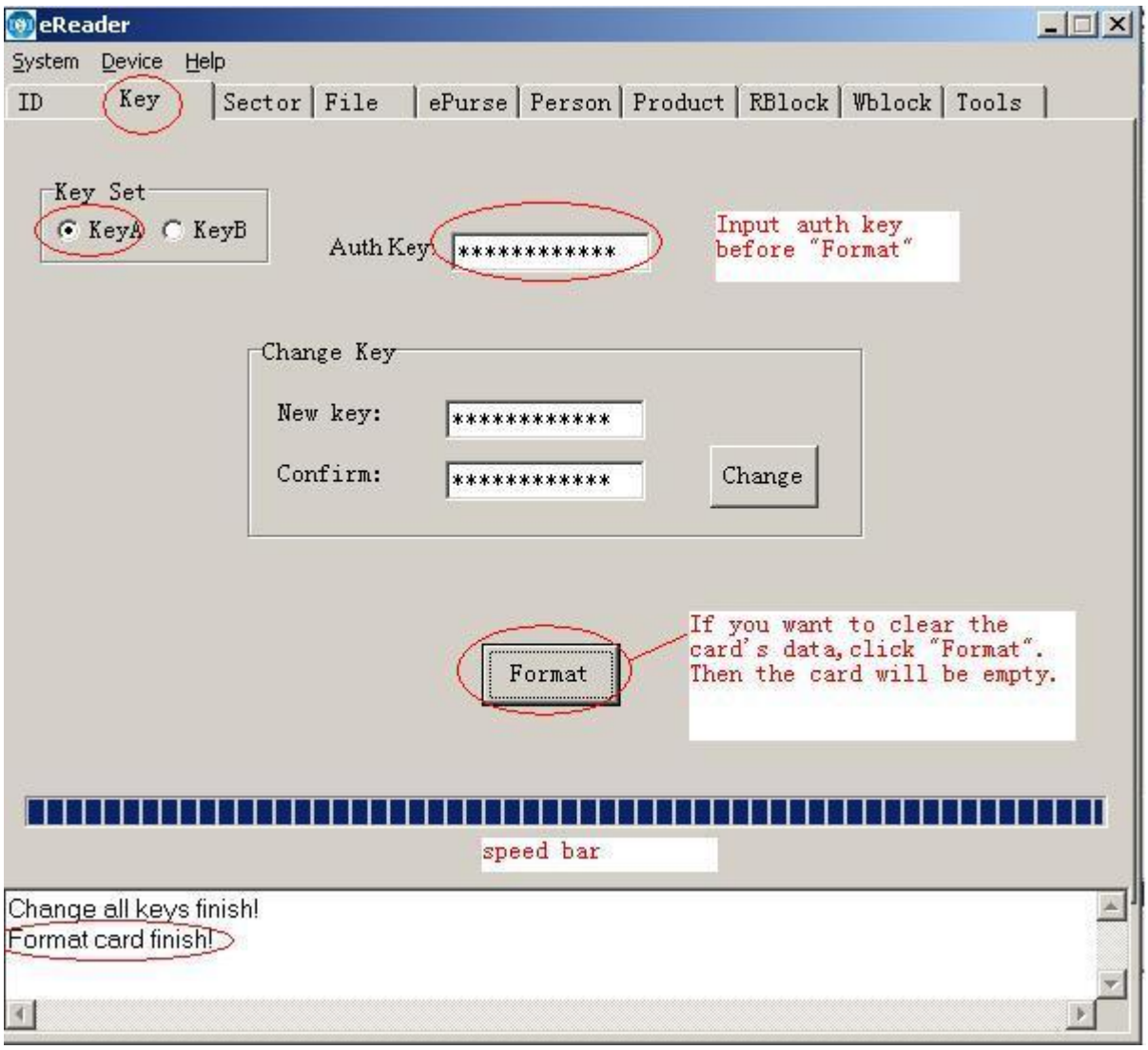


4. Key

Input auth key before the operation of Sector, File, epurse, Person, Product, RBlock, WBlock. The default key is 12 F –"FFFFFFFFFFFF". The auth key is composed of 0-9 and A-F.

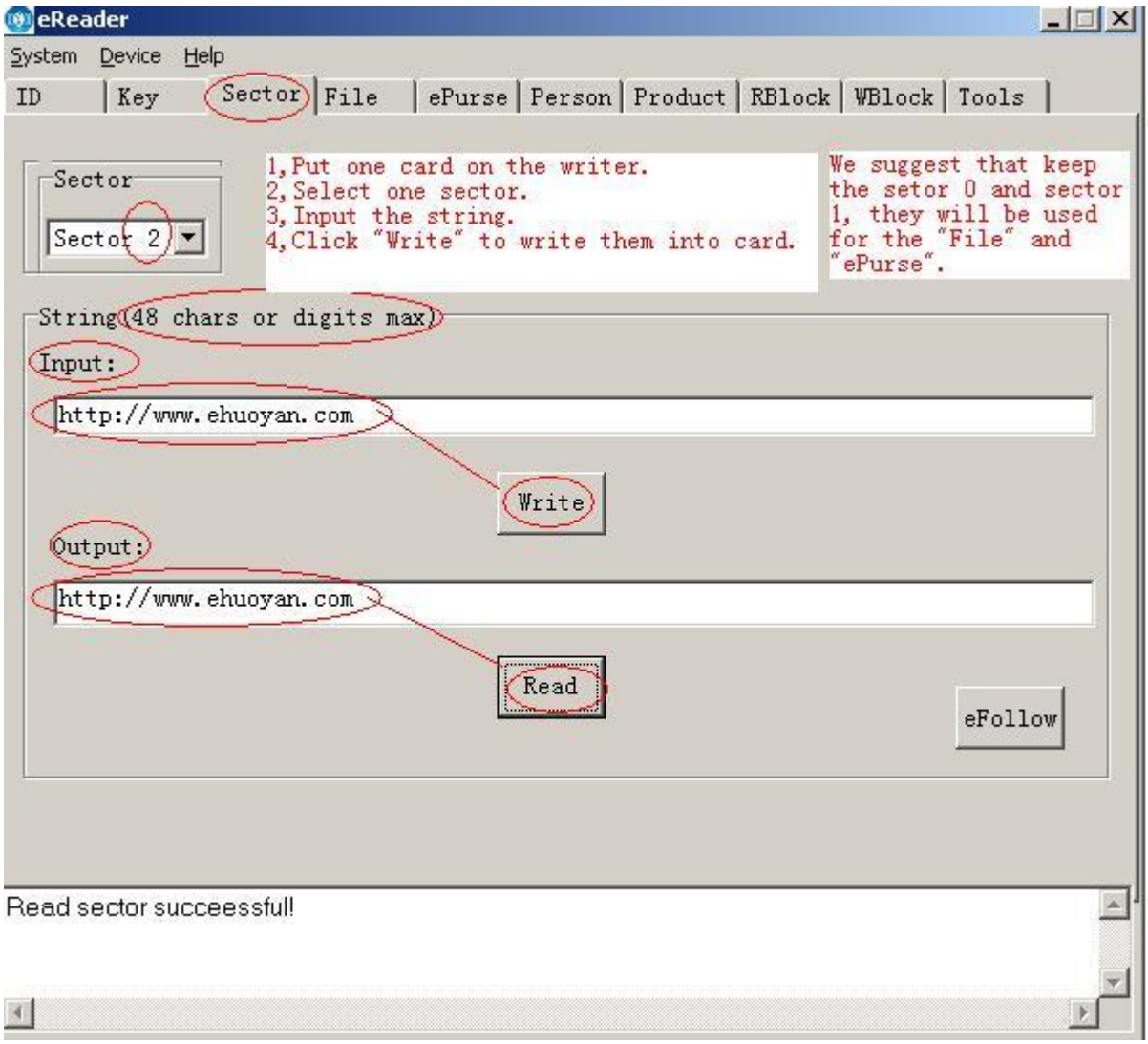

eReader
System Device Help
ID Key Sector File ePurse Person Product RBlock Wblock Tools
Key Set
KeyA KeyB
Auth Key: **********
Execpt the ID,you have to input the auth key before read or write any data in the cards. The default key is 12 F.
Select "KeyA",the "KeyB" was not actived before shiped.How to use the KeyB is complex and hard. If you want,please see the S50 card's datasheet. Usually the "KeyA" is enough.
Change Key
New key: **********
Confirm: **********
Change
Format
Connect OK!


eReader
System
Device
Help
ID
Key
Sector
File
ePurse
Person
Product
RBlock
Wblock
Tools
Key Set
KeyA
KeyB
Auth Key:
****
The key must be 0..9 or A-F.
Change Key
New key:
****
Confirm:
****
Input the New key and click "Change" to change the old key.
Change
EHUOYAN RFID
Change keys,do not move the card during the operation!
OK
hint
Change all keys finish!
Status information



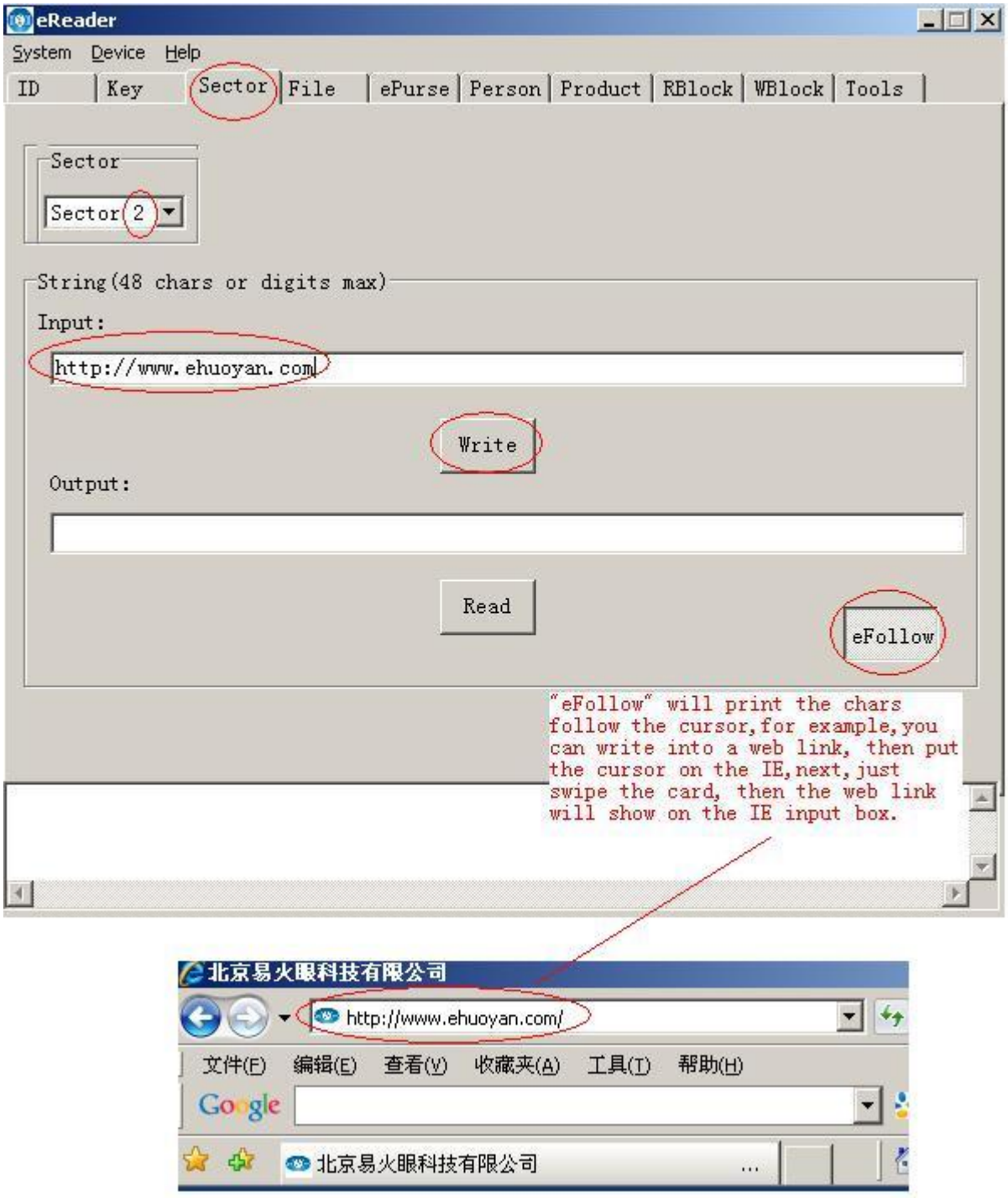
5. Sector

S50 has 16 sectors from 0 to 15, each sector can store 48 bytes data.



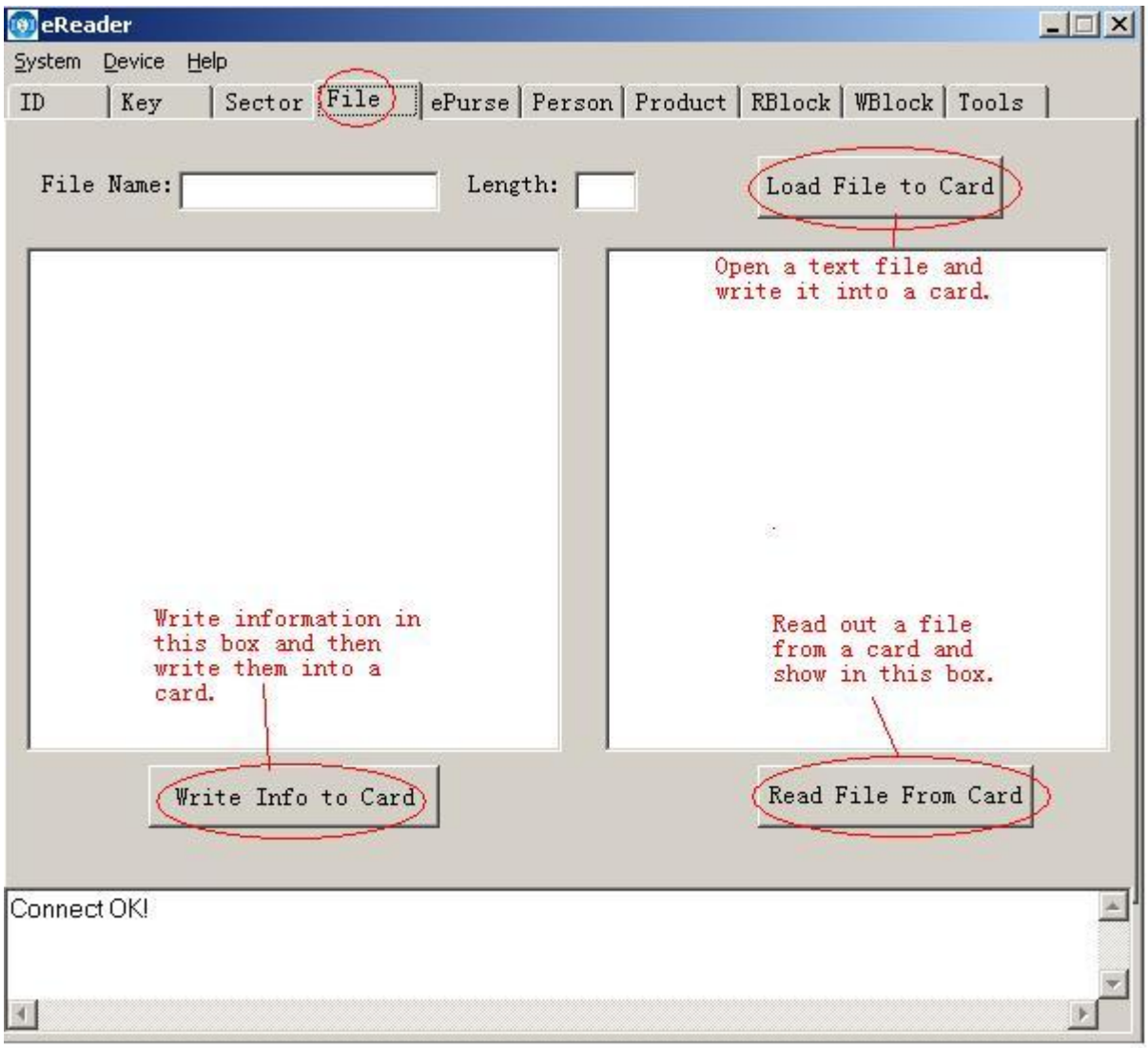
6. eFollow

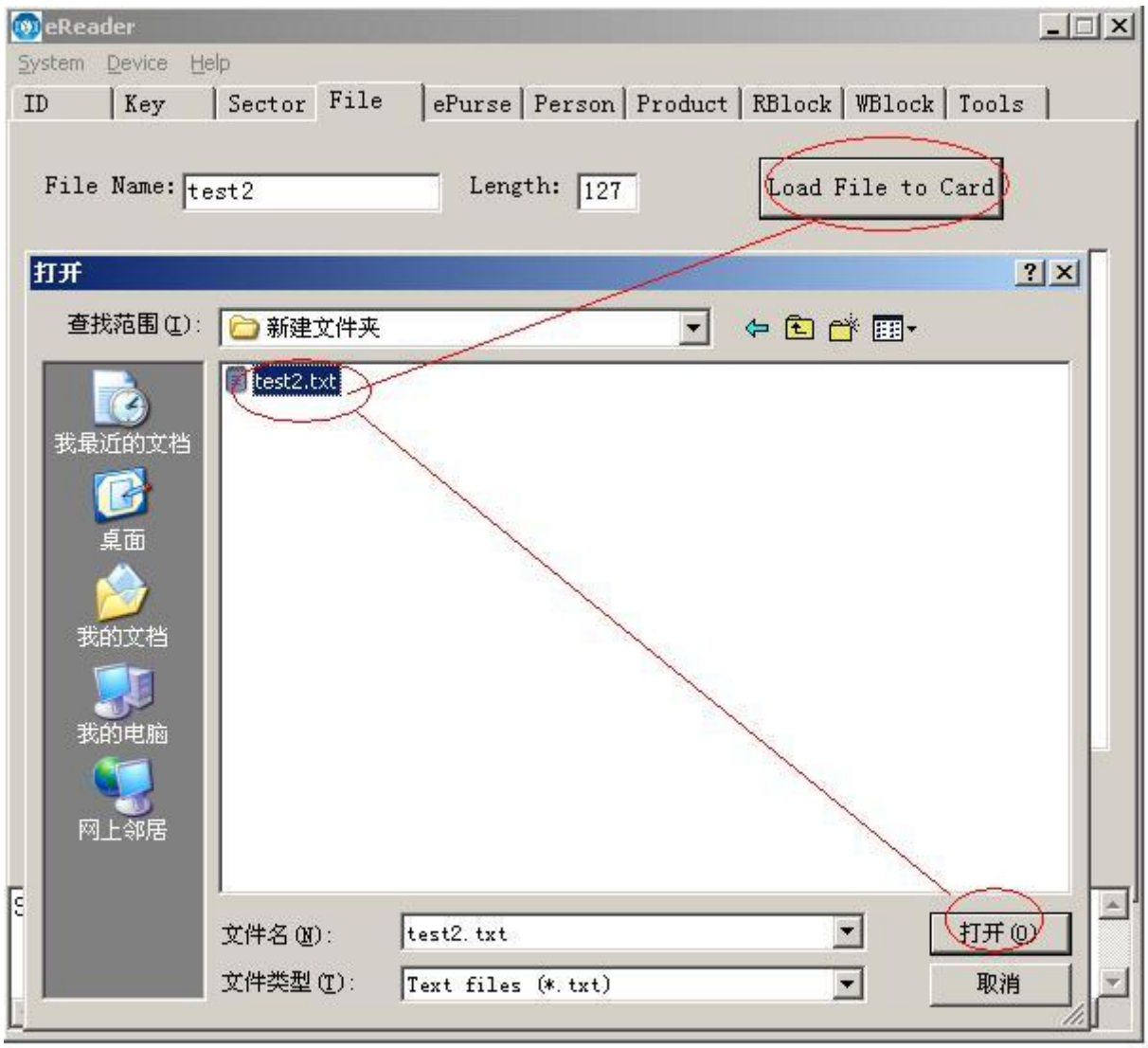
eFollow is a function which can read the sector's data then follow the cursor and print on it, it acts as key strike. Use the "eFollow", you can login to web link or facebook or somewhere else.



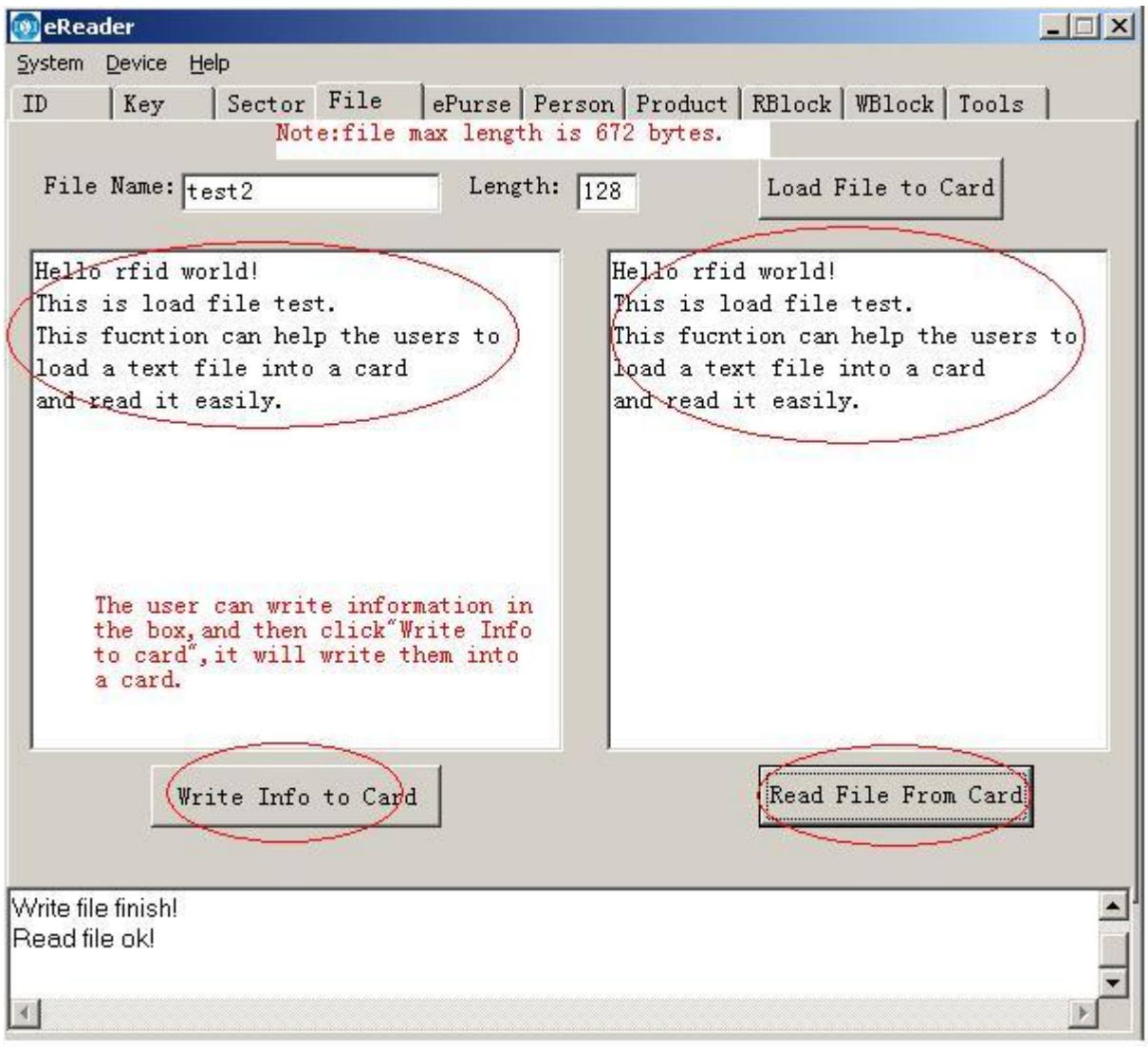
7. File

This function can help you to save files into the IC card, use this function the users need no database to store the data.


eReader
System
Device
Help
ID
Key
Sector
File
ePurse
Person
Product
RBlock
WBlock
Tools
File Name:
Length:
Load File to Card
Open a text file and write it into a card.
Write information in this box and then write them into a card.
Read out a file from a card and show in this box.
Write Info to Card
Read File From Card
Connect OK!

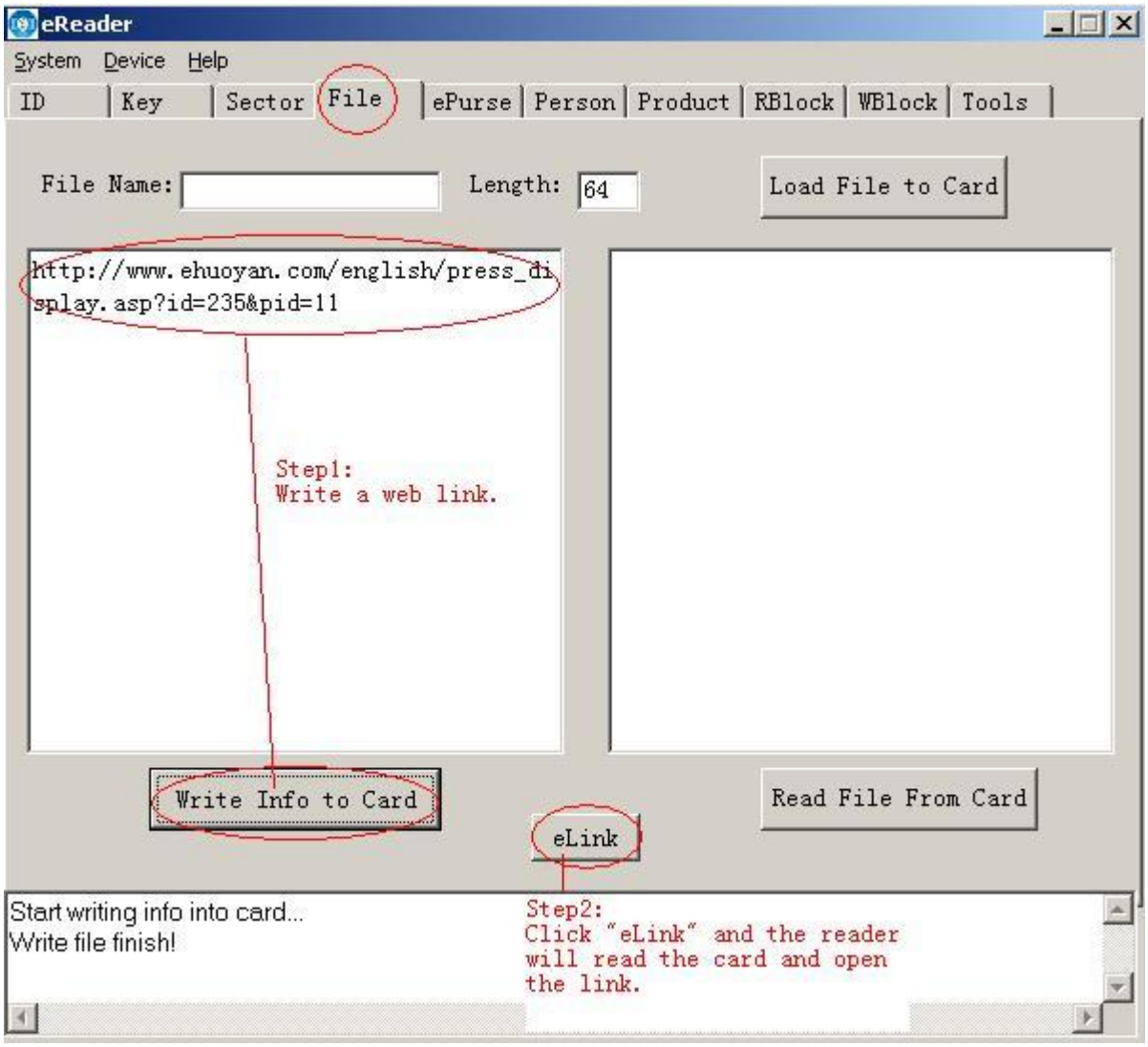


Click "Open" then the file test2.txt will load into the card.

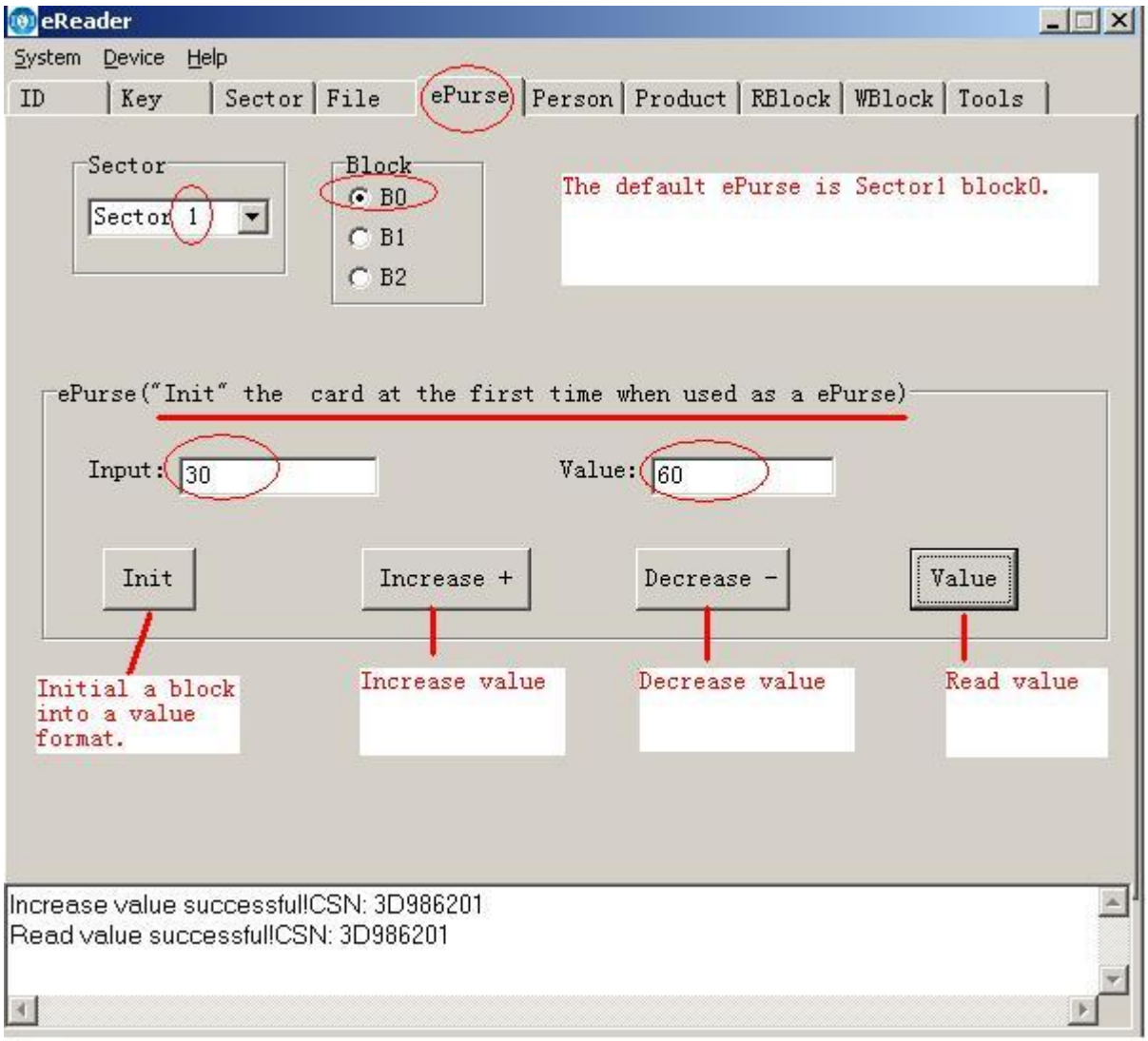


New function:eLink

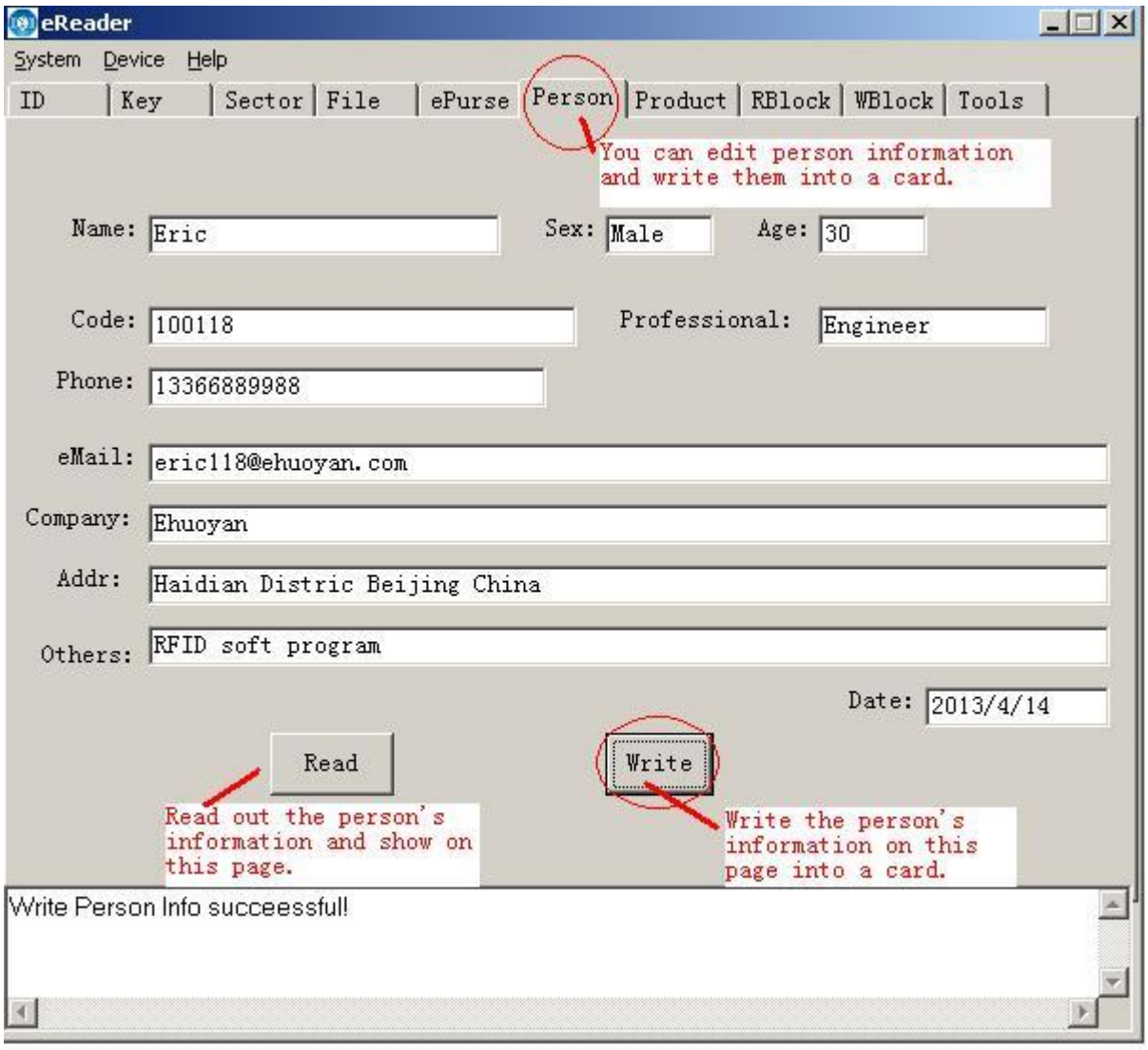
By using the “eLink”, the reader will help you open a web link by swipe a card. This function can open a long link.


eReader
System Device Help
ID Key Sector File ePurse Person Product RBlock WBlock Tools
File Name:
Length: 64
Load File to Card
http://www.ehuoyan.com/english/press_display.asp?id=235&pid=11
Step1:
Write a web link.
Write Info to Card
eLink
Read File From Card
Start writing info into card...
Write file finish!
Step2:
Click "eLink" and the reader will read the card and open the link.

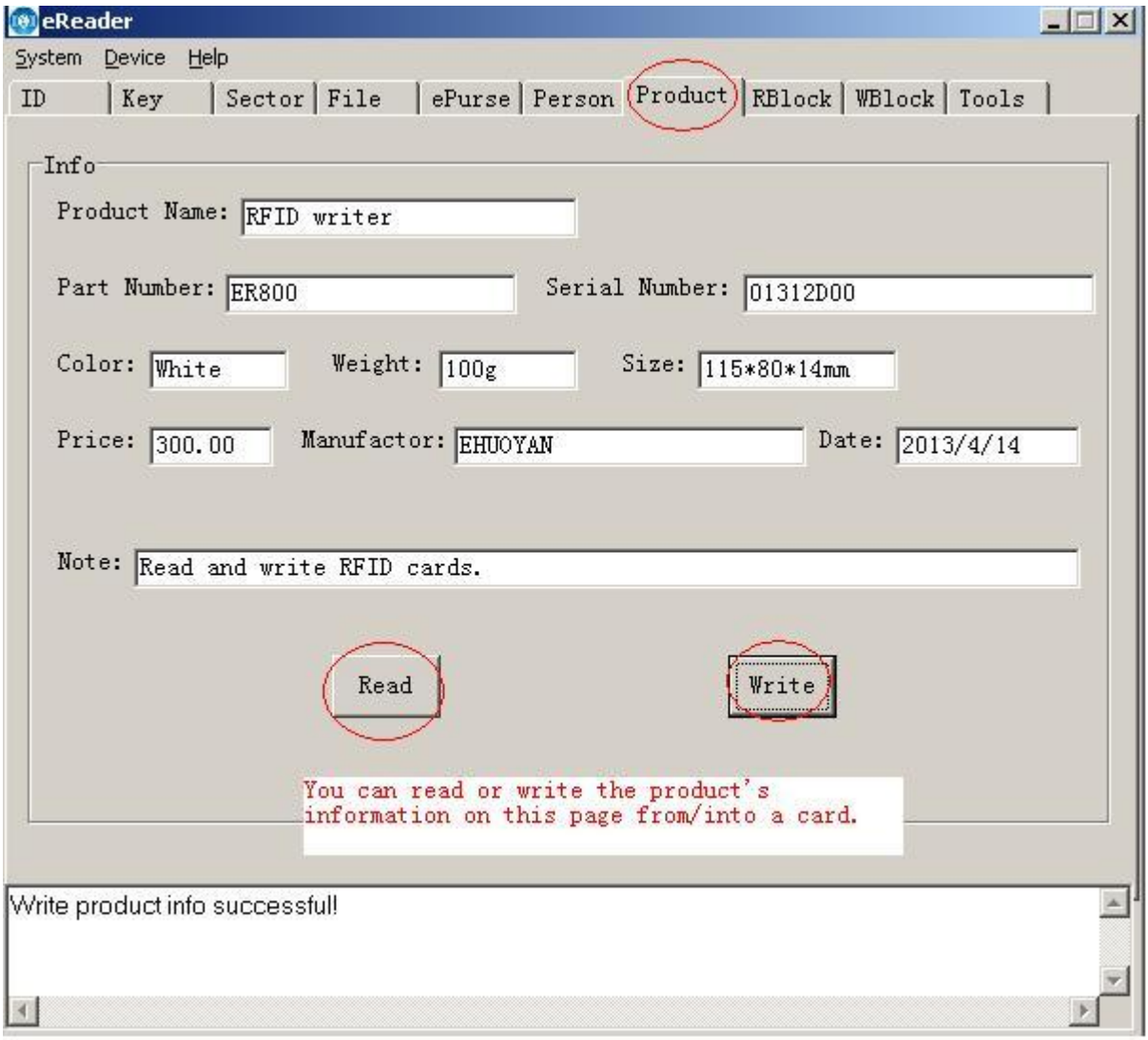
8. ePurse


eReader
System Device Help
ID Key Sector File ePurse Person Product RBlock WBlock Tools
Sector
Sector 1
Block
B0
B1
B2
The default ePurse is Sector1 block0.
ePurse("Init" the card at the first time when used as a ePurse)
Input: 30
Value: 60
Init
Increase +
Decrease -
Value
Initial a block into a value format.
Increase value
Decrease value
Read value
Increase value successful!CSN: 3D986201
Read value successful!CSN: 3D986201

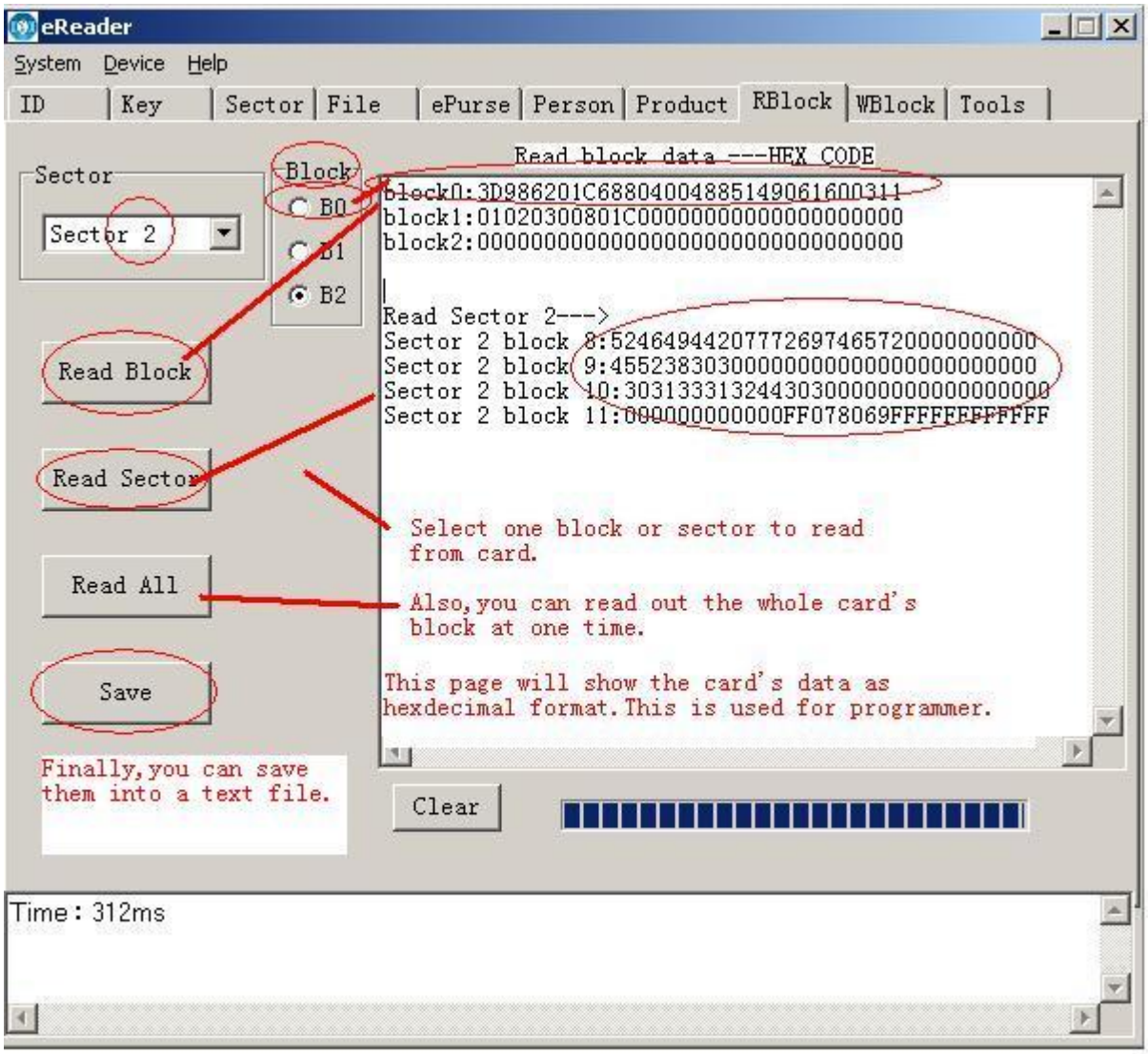
9. Person


eReader
System Device Help
ID Key Sector File ePurse Person Product RBlock WBlock Tools
You can edit person information and write them into a card.
Name: Eric
Sex: Male
Age: 30
Code: 100118
Professional: Engineer
Phone: 13366889988
eMail: eric118@ehuoyan.com
Company: Ehuoyan
Addr: Haidian Distric Beijing China
Others: RFID soft program
Date: 2013/4/14
Read
Write
Read out the person's information and show on this page.
Write the person's information on this page into a card.
Write Person Info succeessful!

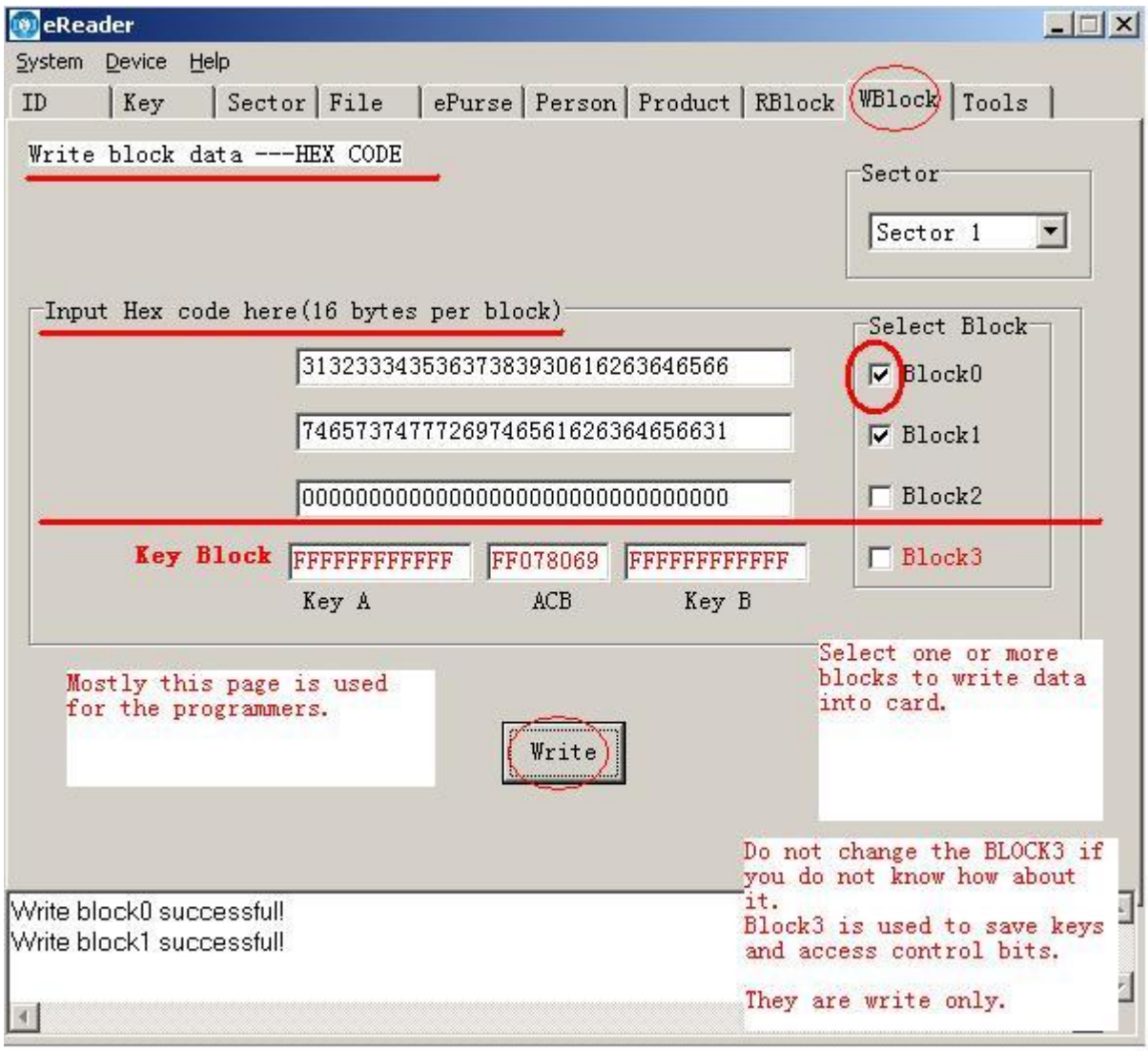
10. Product



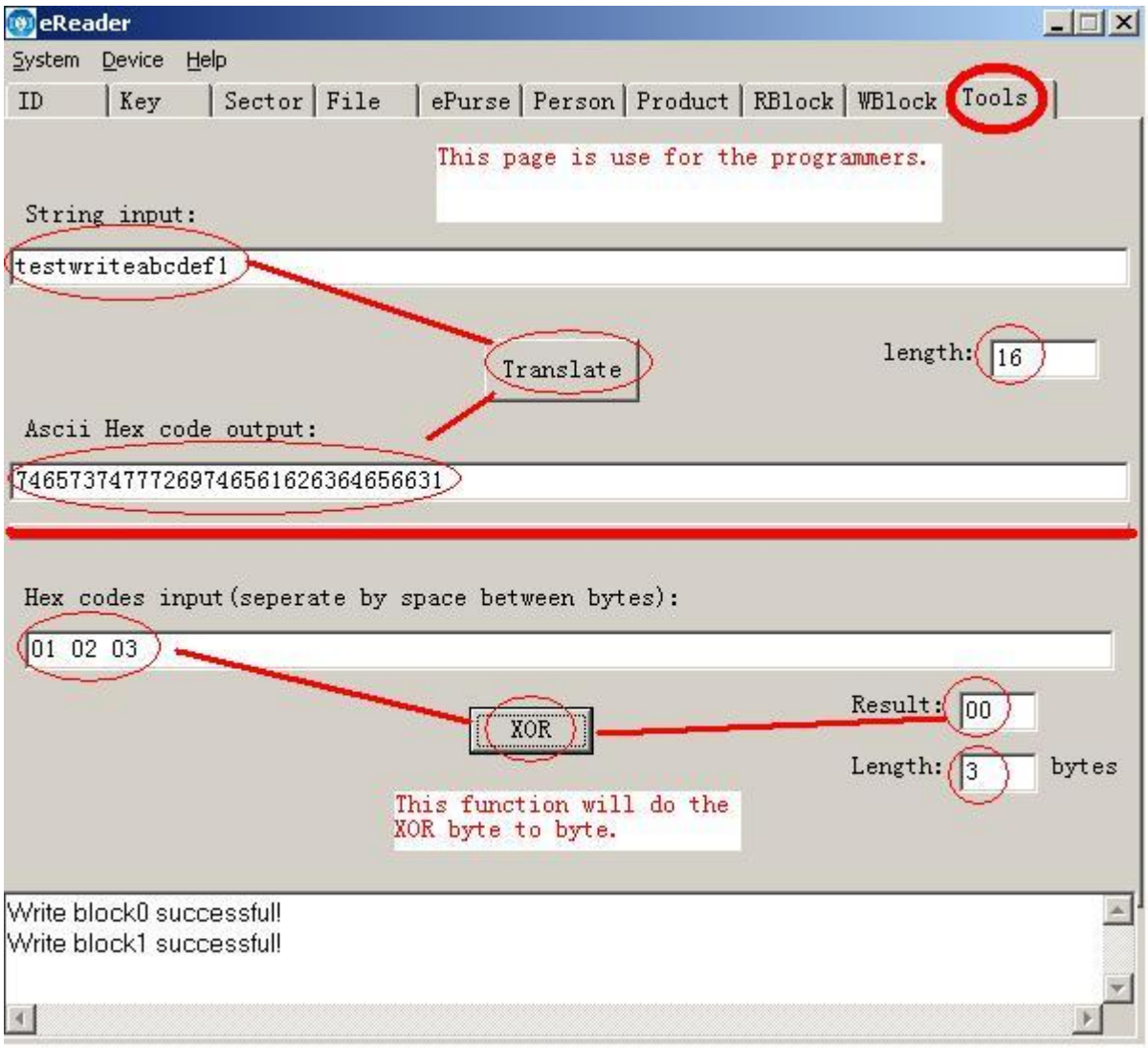
11. Read Block



12. Write Block


eReader
System Device Help
ID Key Sector File ePurse Person Product RBlock WBlock Tools
Write block data ---HEX CODE
Sector
Sector 1
Input Hex code here(16 bytes per block)
Select Block
313233343536373839306162636465 66
Block0
74657374777269746561626364656631
Block1
00000000000000000000000000000000
Block2
Key Block FFFFFFFFFFFF FF078069 FFFFFFFFFFFF
Block3
Key A ACB Key B
Mostly this page is used for the programmers.
Write
Select one or more blocks to write data into card.
Do not change the BLOCK3 if you do not know how about it.
Block3 is used to save keys and access control bits.
They are write only.
Write block0 successful!
Write block1 successful!

13. Tools



Contact Information:

EHUOYAN Technology Co., Ltd.

Tel: +86 -010-59870151

Fax: +86 -010-59754725

Email: info@ehuoyan.com

Web Site: www.ehuoyan.com