EZ/Kiosk PC/SC Series
Smart Card Reader
Testing Program User's Manual
v2.2

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1. Introduction:

The "EZ PC/SC Reader Testing Program (EZPCSCTestingProgram.exe)" is a general program for sending data to or receiving data from IC card in the EZ100/200/Mini PC/SC series smart card reader and read magnetic stripe card data in the Kiosk100 hybrid card reader. The EZ/Kiosk PC/SC reader supports ISO 7816-3 compatible smart cards. In addition, it also supports memory cards, such as SLE4432/4442, SLE4418/4428, SLE4404, SLE4406/ 4436/5536, and I2C.

2. Installation:

Before installing the EZ PC/SC Reader Testing Program, make sure that the "Microsoft Smart Card Base Components", "Microsoft Smart Card Library" and "Reader's driver" have been installed.

Run "SETUP.EXE" from the "TestingAP" directory of the CD to install EZ PC/SC Reader Testing Program.

In addition, if there is any reader connected to the PC and Base Components, Smart card library and reader's driver have been installed, once any card (smart card or memory card) is inserted into the reader, it will cold reset. At this time, the light of the reader will turn into red light.

3. Select the Reader

If there are more than one reader that previously or currently connect to the PC, the Select Reader dialog will pop-up to show you the names of all the readers. Select the reader that you want to use and then Press the OK button.

4. How to Get Reader Information

You can get the current reader type by pressing the "Get Info" button. Be sure that the card has been previously inserted in the reader.

5. Using the EZ/Kiosk PC/SC Testing Program

Run the "EZPCSCTestingProgram.EXE " from "Start/ Program Files/EZ PCSC Reader Testing AP" You will see a dialog that shows you "Insert Card". After inserting a card, the program will detect if there is any card in the reader and will automatically connect to the card. If connect successfully, you will see "Connect Success" on the CPU card folder and the Protocol indicates the card is T=0, T=1, or Memory Card. If the protocol is T=0 or T=1, it means that the card in the reader is a smart card. You can use the Send button to access it. If the protocol indicates it is a memory card, you should know what kind of memory card it is. For example, if it is a SLE4442 memory card, use the SLE4432/4442 folder to access it.

If you don't do any operations on the card, you should press Disconnect button to disconnect the card. After pressing it, the dialog will show you to eject the card. After you remove the card, the dialog will show you "Insert Card" again.

If you using Kiosk100, you can read magnetic stripe card data follow below procedure:

> Step1. Select MSR page
>
> Step2. Click "Start reading MSR" button
>
> Step3. If LED flashing(yellow) , then it indicates that reader allowed to swipe mag-stripe cards , Please swipe your magnetic stripe card now.

After swipe card, the screen will show up following data or fail message.

> MSR Data:
> Track 01: 0 bytes
> Track 02: ……..bytes
> 3B 32………………..
> …………………….3F
> Track 03: 0 bytes

> Step4. To do another testing, please press "Start reading MSR" once again

Notice:

** Do not remove the card before pressing the Disconnect button. **

** When "Eject card" dialog appear, please remove the card from reader. **