

DynaPro, DynaPro Mini, DynaPro Go

PIN ENTRY DEVICE JAVA SAMPLE SOFTWARE INSTRUCTION

Document Number D998200252-10

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Table 1.1 - Revisions

Rev Number	Date	Notes
10	04/10/2018	Initial Release

1 About This Document

This application allows users to test their MagTek DynaPro family of products including DynaPro, DynaPro Go and DynaPro mini. It is a sample App for a PIN Encryption Device connected to a host PC via USB interface.

2 How to setup the DynaPro/Go/Mini Sample App with 32-bit Java JRE

MagTek highly recommends using the 32-bit version of Java when using the DynaPro/Go/Mini Sample App, regardless of whether you are using a 32-bit or 64-bit version of Windows.

To set up and run the DynaPro/Go/Mini Sample App using the 32-bit version of Java on either a 32-bit or 64-bit version of Windows, follow these steps:

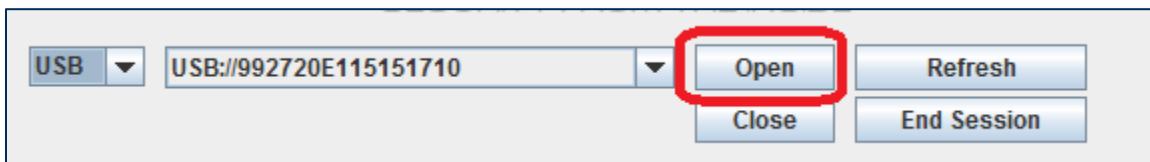
- 1) Uninstall any existing instances of the 64-bit Java Runtime Environment (JRE) or Java Development Kit (JDK). Leaving them installed can cause runtime failures, as the library may fail to load.
- 2) Download and install the latest version of the 32-bit Java Development Kit (JDK) or launch the “**Java JRE 8u161 Install.exe**” provided in the package.

3 How to connect to the PIN Entry Device

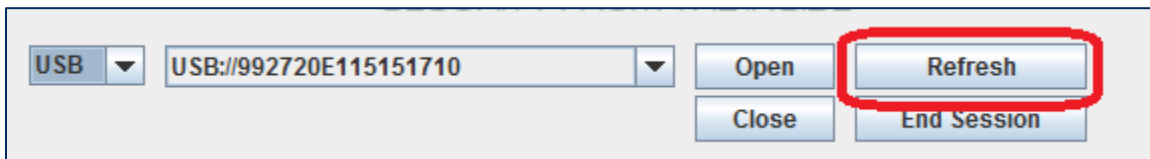
This section will show how to use the DynaPro/Go/Mini Sample App on a PIN Entry Device via USB.

3.1 How to connect the PIN Entry device USB interface

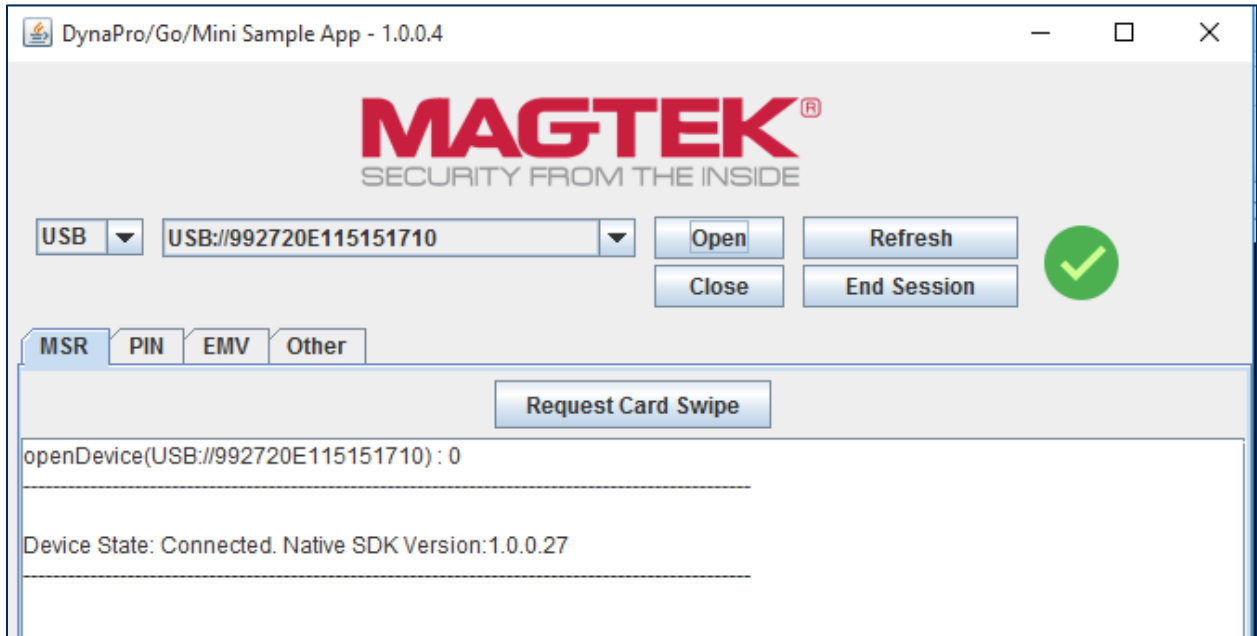
- 1) Plug in the PIN Entry Device to the USB port on the computer and wait for the device to fully boot up and show “Welcome” screen.
- 2) Open samplecode.bat to open the DynaPro/Go/Mini Sample App.
- 3) Select **USB** in the Device Connection method, select the device in the list, and press **Open** to connect.



- 4) If you plug in a different PIN Entry Device, press **Refresh** to refresh the device list.



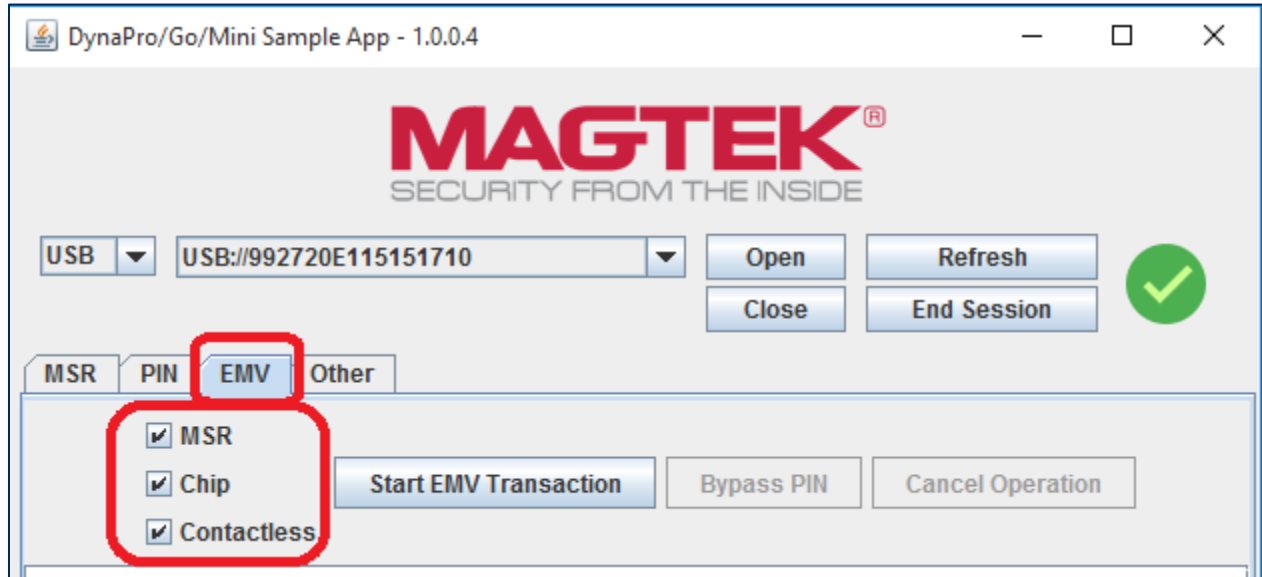
5) After device is opened, a green check mark will show to indicate that the device is ready to use.



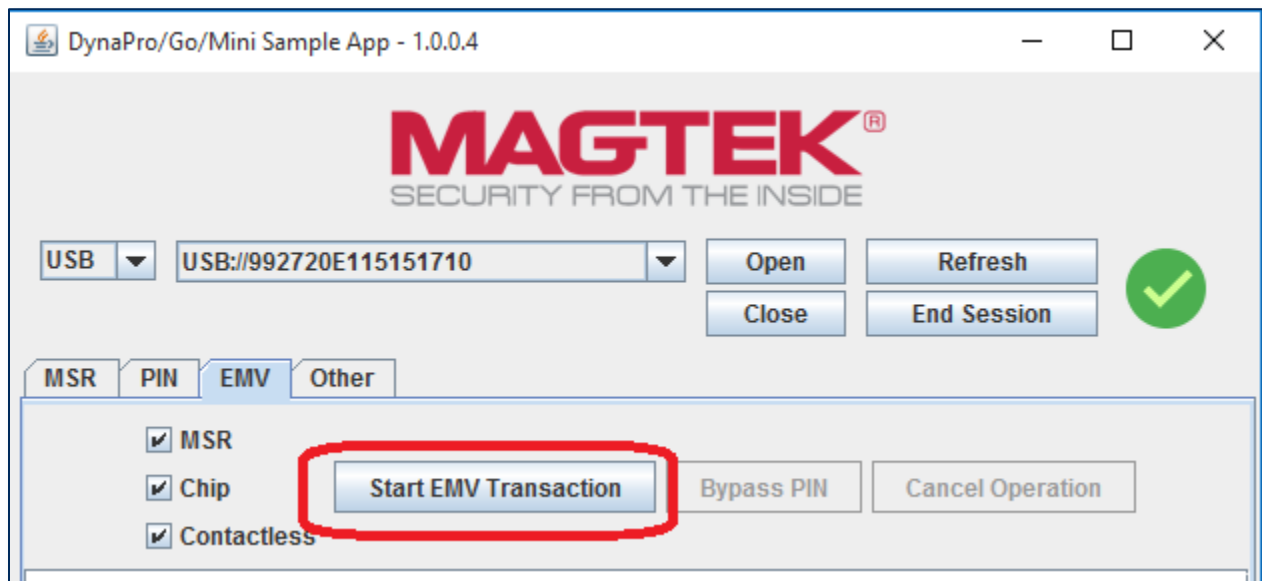
4 How to test EMV transactions

After the device is opened, you can now begin using the DynaPro/Go/Mini Sample App to test EMV transactions.

- 1) Select the **EMV** tab and the desired card type.



- 2) Press the **Start EMV Transaction** button to start the transaction.

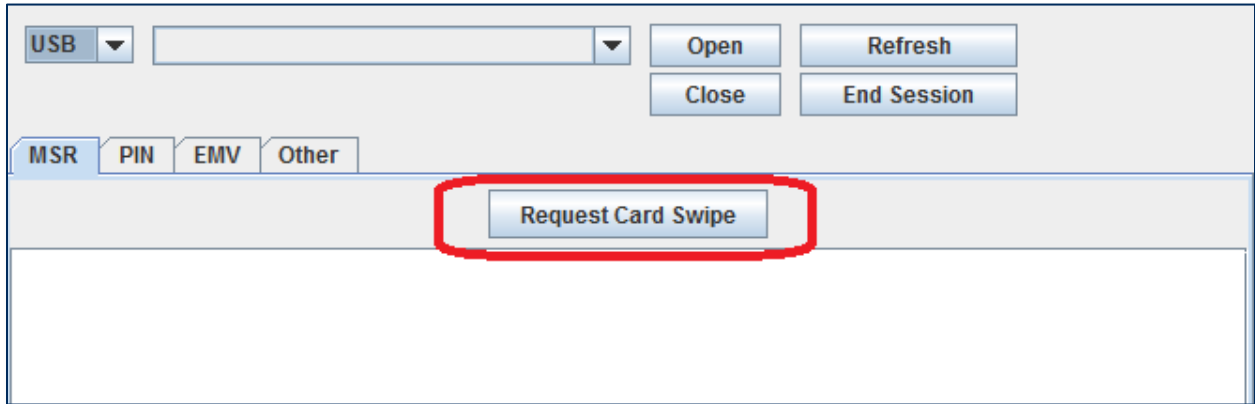


- 3) Follow the instructions on the PIN Entry Device to complete the transaction.
- 4) After the transaction is complete, the app will show a green check mark to indicate the EMV transaction completed successfully.

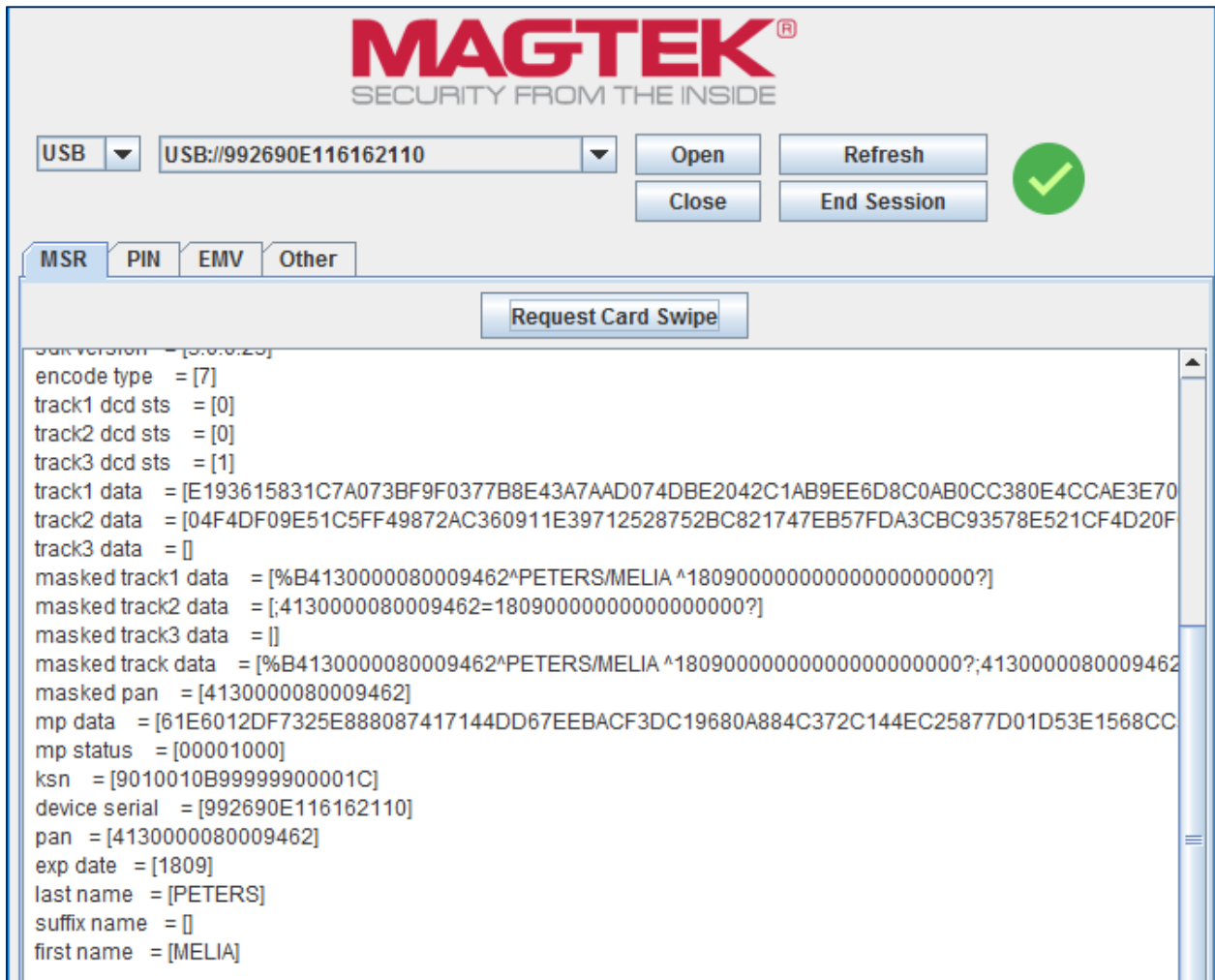
5 How to test MSR transactions

After the device is opened, you can now begin using the DynaPro/Go/Mini Sample App to test magnetic stripe reading transactions.

- 1) Select the **MSR** tab and press **Request Card Swipe**.



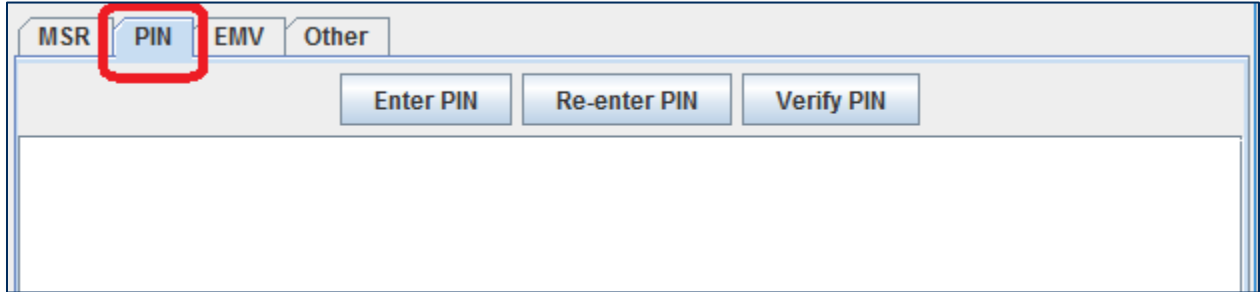
- 2) After card swiped, a green check mark will show to indicate a successful transaction.



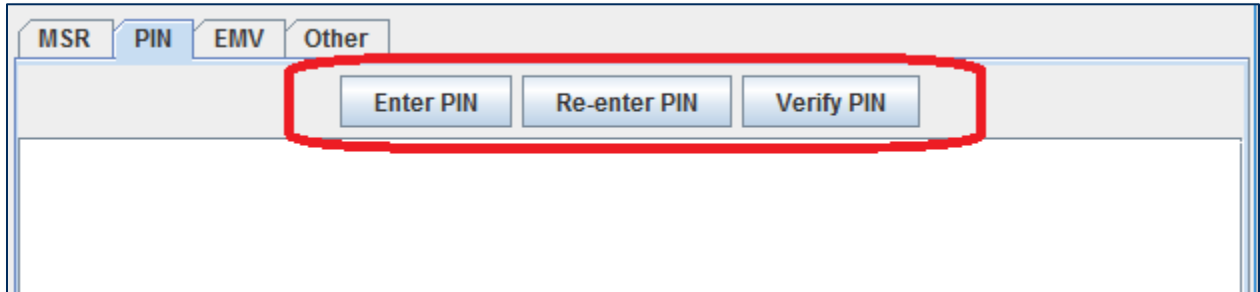
6 How to test PIN transactions

After the device is opened, you can now begin using the DynaPro/Go/Mini Sample App to test PIN transactions.

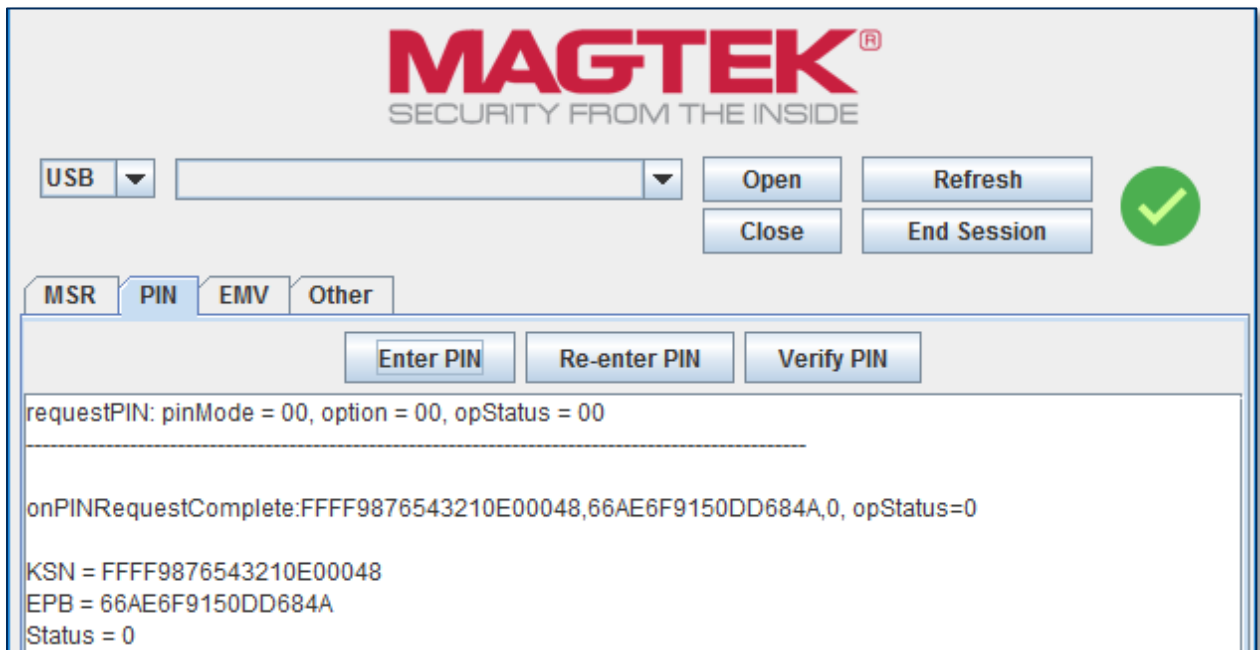
- 1) Select **PIN** tab.



- 2) Select either: Enter PIN, Re-enter PIN, or Verify PIN.



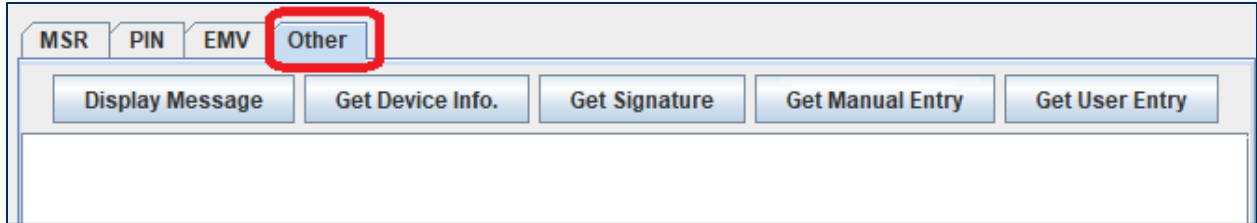
- 3) Follow the instruction on the device to complete the PIN transaction.
- 4) After the PIN transaction is completed, the app will show a green check mark indicating successful transaction.



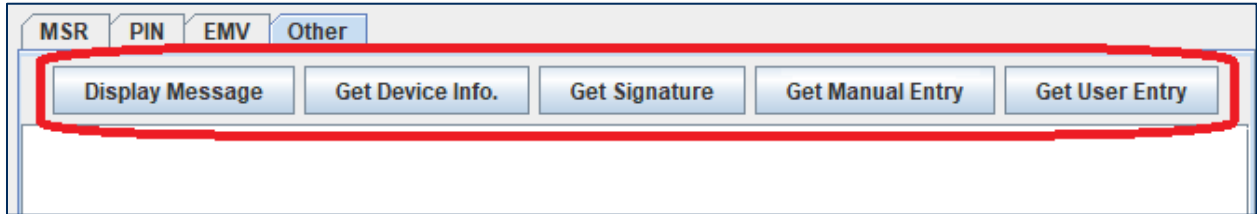
7 How to test other functions

After the device is opened, you can now begin using the DynaPro/Go/Mini Sample App to test other functions such as Display Message, Get Device Information, Get Signature, Get Manual Entry, and Get User Entry.

- 1) Select **Other** tab.



- 2) Press the desired function button and follow the instructions on the device when required to.



- 3) After a transaction is completed, the app will show a green check mark to indicate a successful transaction.

8 Status icons and meanings:



Function timed out.



Completed successfully.



Command is pending.



Function failed or canceled.