DynaPro, DynaPro Mini, DynaPro Go

PIN ENTRY DEVICE JAVA SAMPLE SOFTWARE INSTRUCTION

Document Number D998200252-20

Table 1.1 - Revisions

Rev Number	Date	Notes
10	04/10/2018	Initial Release
20	08/09/2019	Updated the screenshots to reflect the new SDK version. Updated the application name to “DynaPro/Go/Mini Test Application” Added the link to download the Java JRE

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 Test Application for a PIN Encryption Device connected to a host PC via USB interface.

2 How to setup the DynaPro/Go/Mini Test Application with 32-bit Java JRE

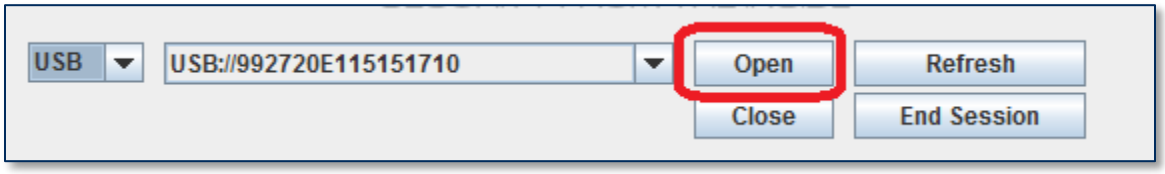
MagTek highly recommends using the 32-bit version of Java when using the DynaPro/Go/Mini Test Application, regardless of whether you are using a 32-bit or 64-bit version of Windows.

To set up and run the DynaPro/Go/Mini Test Application 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 Runtime Environment (JRE) from https://www.java.com/en/download/ or launch the **"Java JRE Install.exe"** provided in the package.

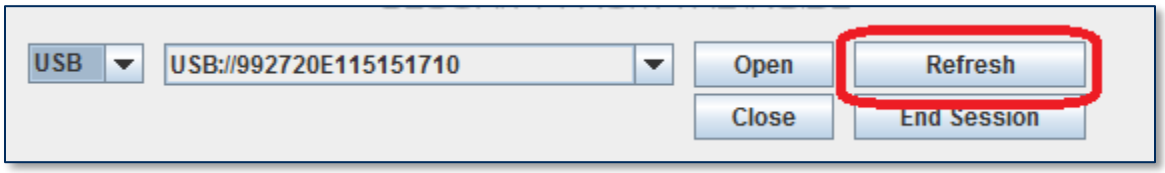
3 How to connect to the PIN Entry Device

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

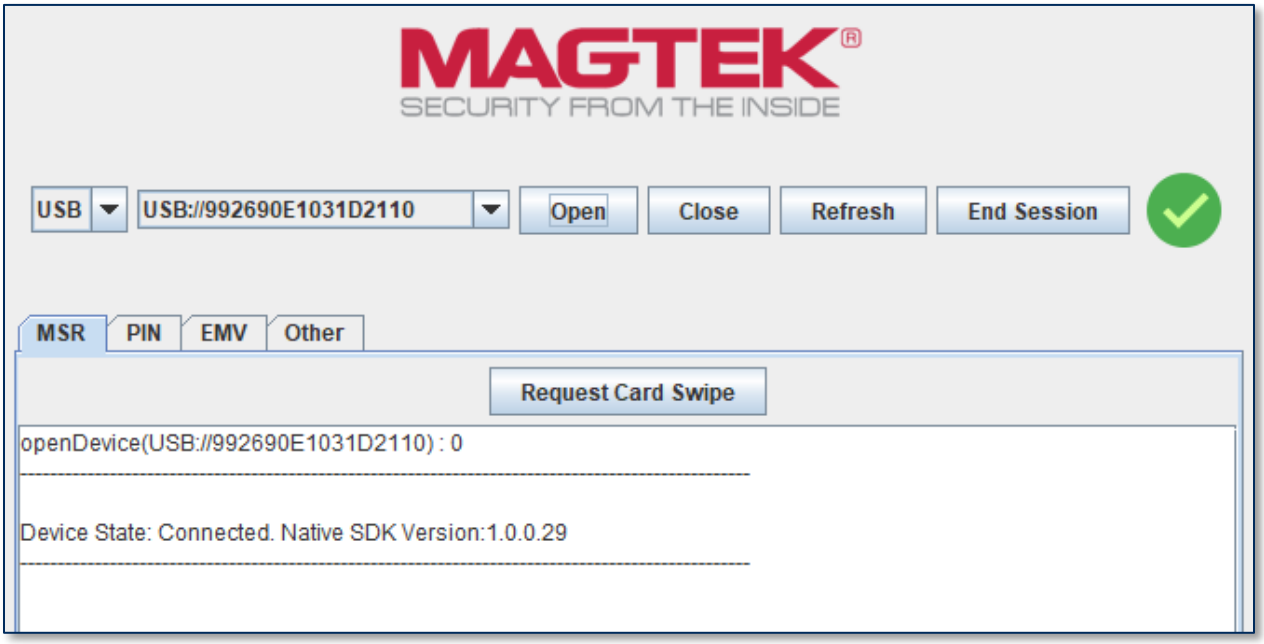
1) Plug in the PIN Entry Device to the USB port on the computer and wait for the device to fully boot up and show "Welcome" screen.
2) Open samplecode.bat to open the DynaPro/Go/Mini Test Application.
3) Select **USB** in the Device Connection method, select the device in the list, and press **Open**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

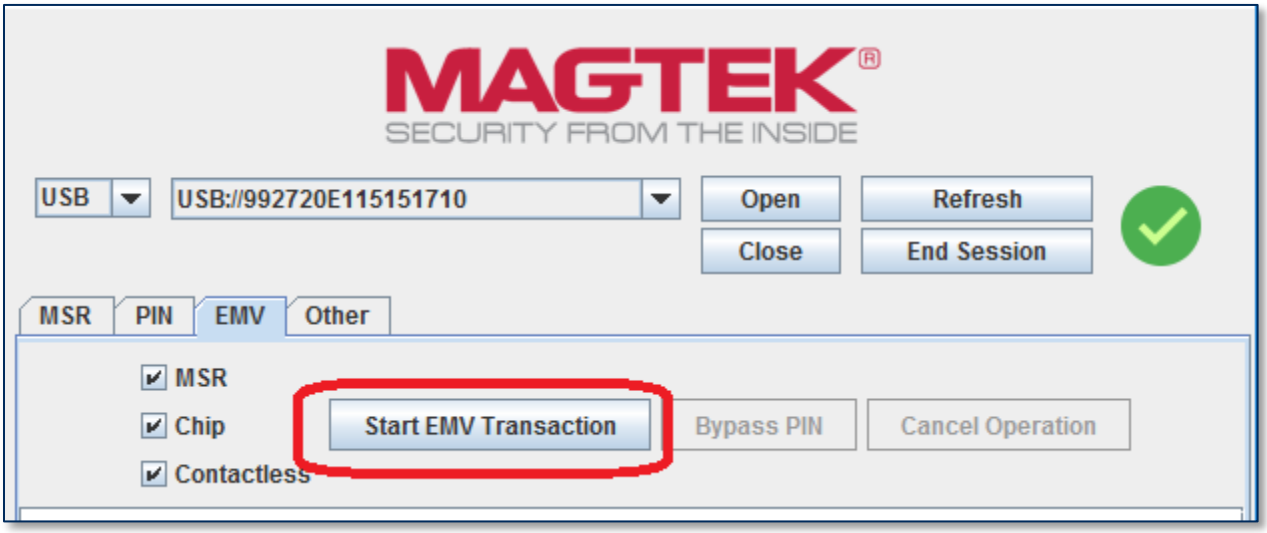


4 How to test EMV transactions

After the device is opened, you can now begin using the DynaPro/Go/Mini Test Application 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.

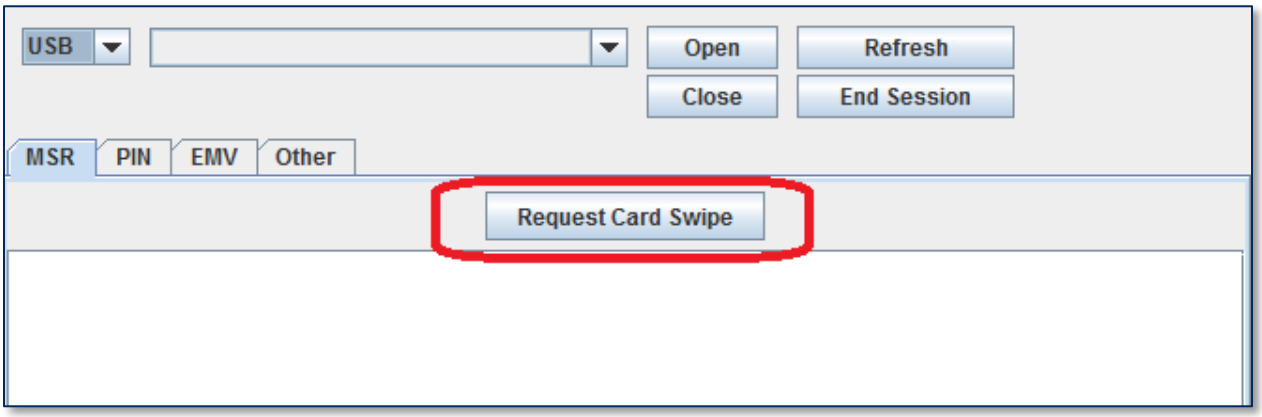


3) Follow the instructions on the PIN Entry Device to complete the transaction.
4) After the transaction is complete, the app will show a green check mark to indicate the EMV transaction completed successfully.

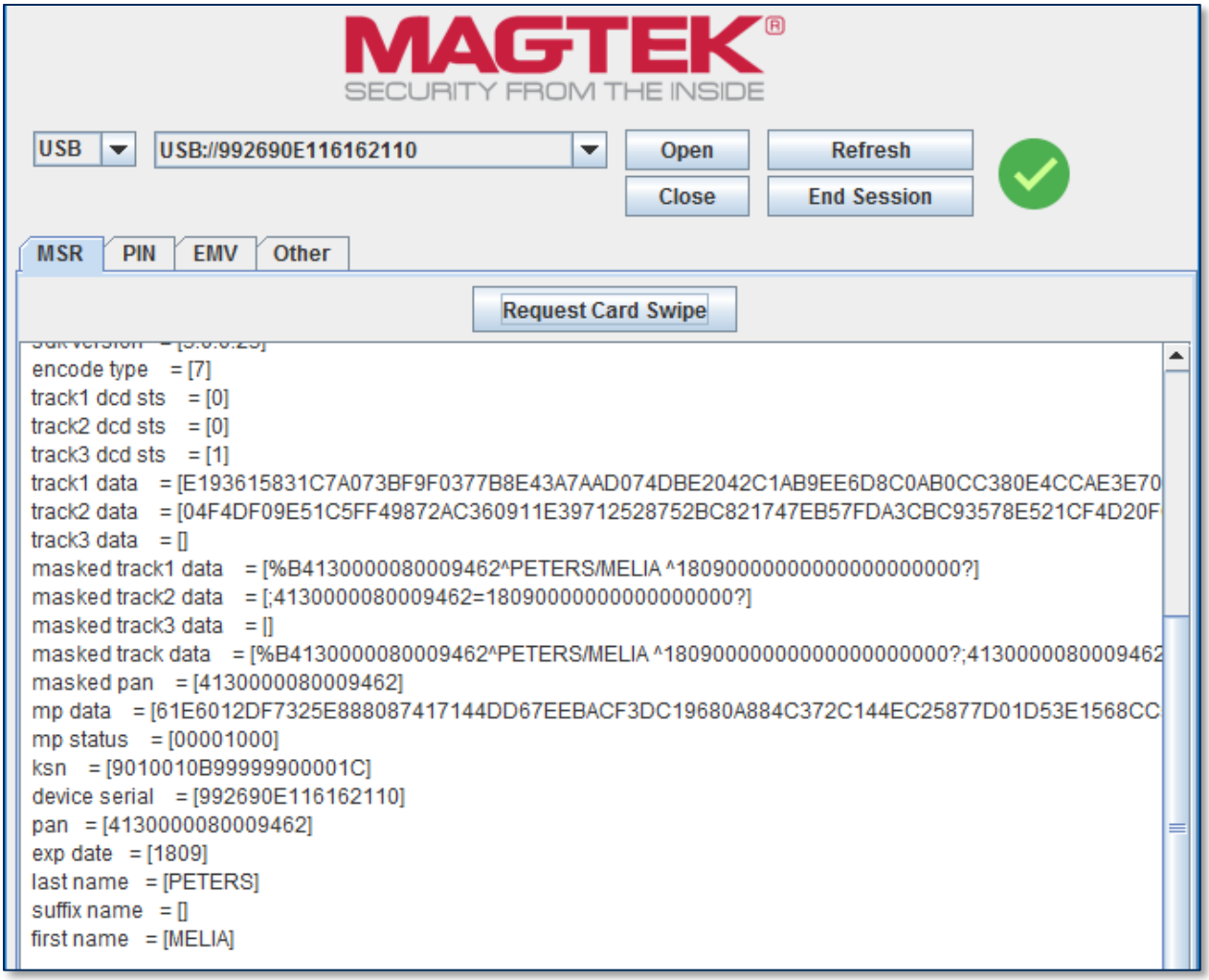
5 How to test MSR transactions

After the device is opened, you can now begin using the DynaPro/Go/Mini Test Application 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.



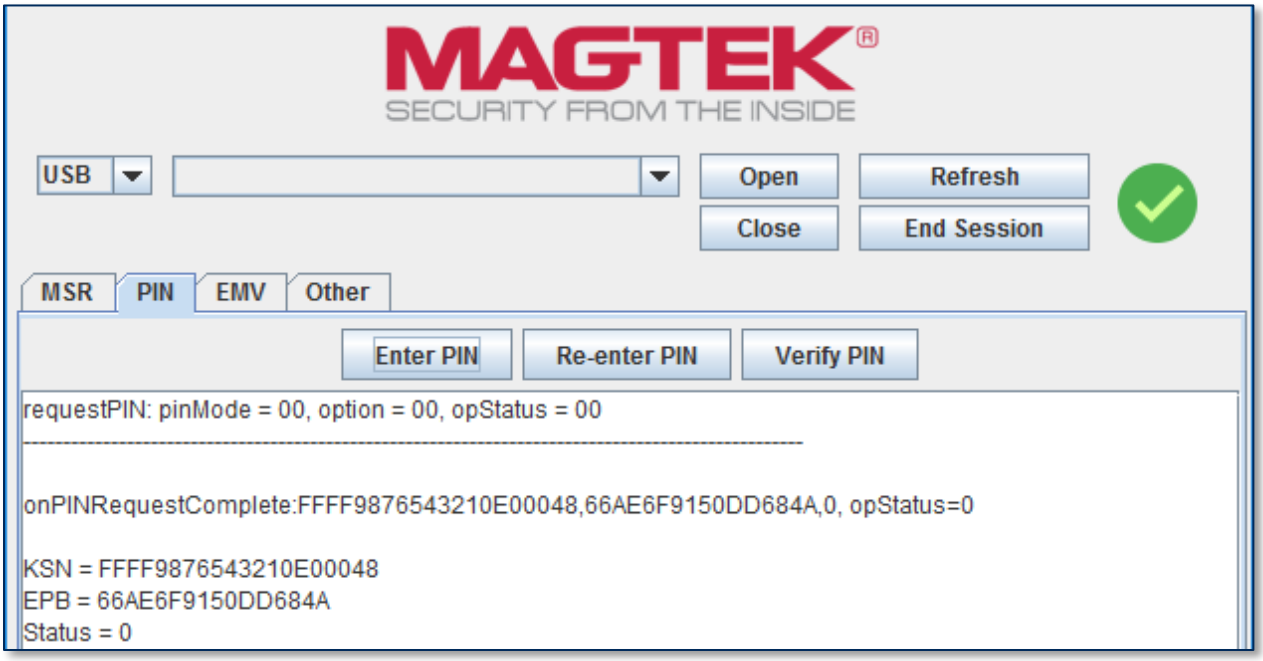
6 How to test PIN transactions

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

1) Select **PIN** tab.

2) Press 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 Test Application 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.