

Dynamag, DynaMAX, DynaWave, eDynamo, mDynamo, uDynamo, BulleT, iDynamo 6, tDynamo

SCRA Devices
MTSCRA Demo Guide (macOS)

October 2022

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Table 0.1 - Revisions

Rev Number	Date	Notes
10	February 8, 2017	Initial release
11	October 20, 2022	Added support for iDynamo 6 and tDynamo.

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1 Introduction

This document provides instructions to use the MTSCRA Demo on macOS. It is part of a larger library of documents designed to assist Dynamag, DynaMAX, DynaWave, eDynamo, mDynamo, uDynamo, BulleT, iDynamo 6, and tDynamo implementers, which includes the following documents available from MagTek:

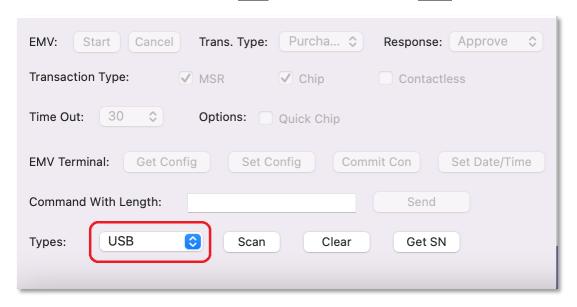
• D998200161 DYNAMAG, DYNAMAX, DYNAWAVE, EDYNAMO, MDYNAMO, UDYNAMO, BULLET, IDYNAMO 6, TDYNAMO PROGRAMMER'S MANUAL (MACOS)

2 How to Connect to the MTSCRA Demo

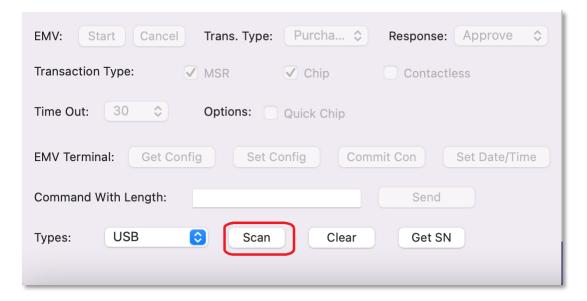
2.1 Connect via USB Interface

To set up the USB interface on a MAC, follow these steps:

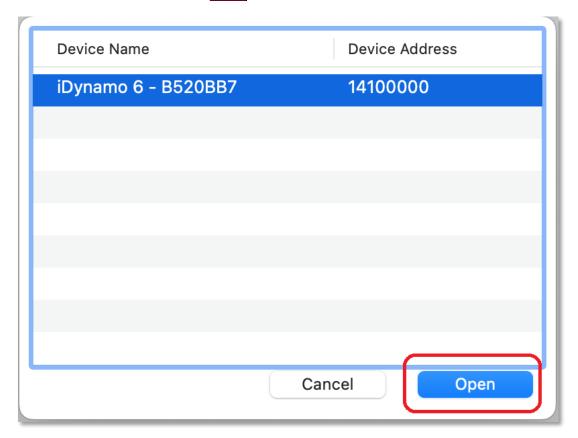
- 1) Connect the device to the USB port of the MAC.
- 2) Launch the MTSCRA Demo and select **USB** as the device type in the **Type** list box.



3) Press the **Scan** button to scan for connected USB devices.



4) Select the Device ID and press the **Open** button to open the device.



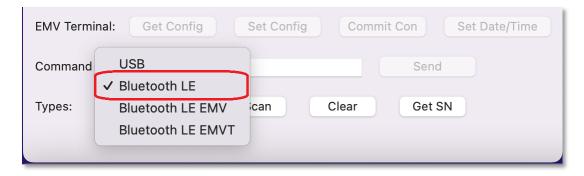


2.2 Connect via BLE Interface

To set up the BLE interface with DynaMAX, eDynamo, and tDynamo on a MAC, follow these steps:

1) Launch the MTSCRA Demo.

If using DynaMAX select **Bluetooth LE** as the device type in the **Type** list box. If using eDynamo select **Bluetooth LE EMV** as the device type in the **Type** list box. If using tDynamo select **Bluetooth LE EMVT** as the device type in the **Type** list box.



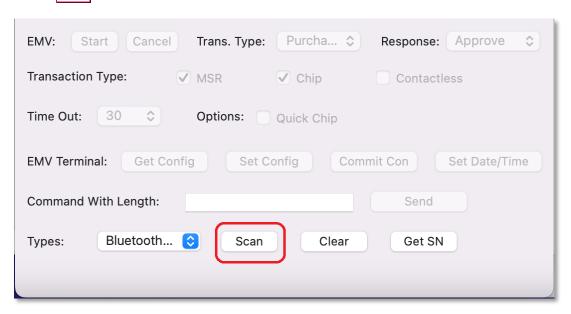




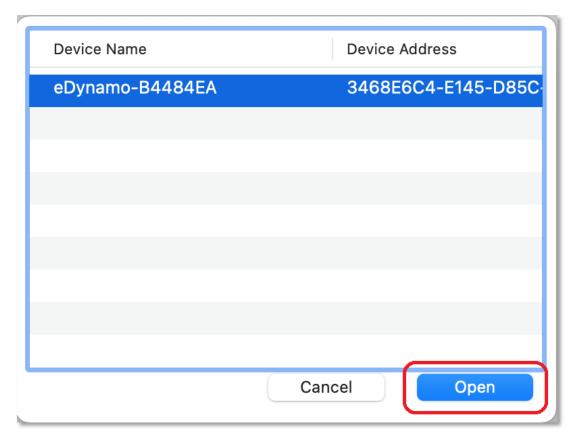
2) If you have an eDynamo, press and hold the button on the device for 3 seconds to put it in the pairing mode.

If you have a DynaMAX, slide the button to the on position to turn on the device.

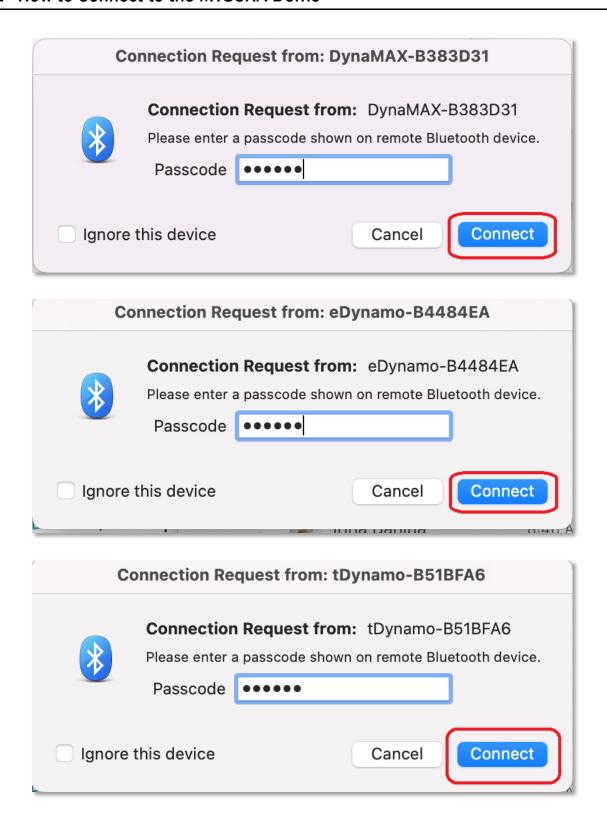
3) Press the **Scan** button to scan for BLE devices.



4) Select the Device and press the **Open** button to open the device.



5) Enter the pairing code for the device, by default, the pairing code is: 000000 or 999999, then press the **Connect** button. Examples shown below.



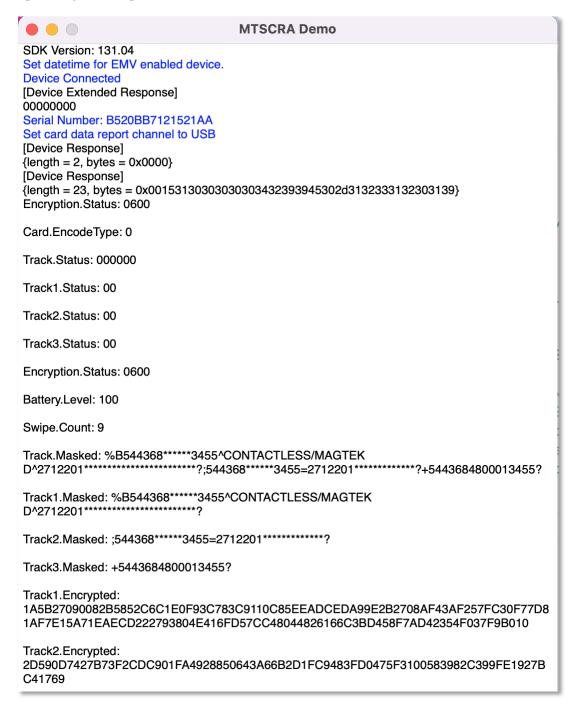
6) Ignore the Send command time out error as this happens only the first connection.



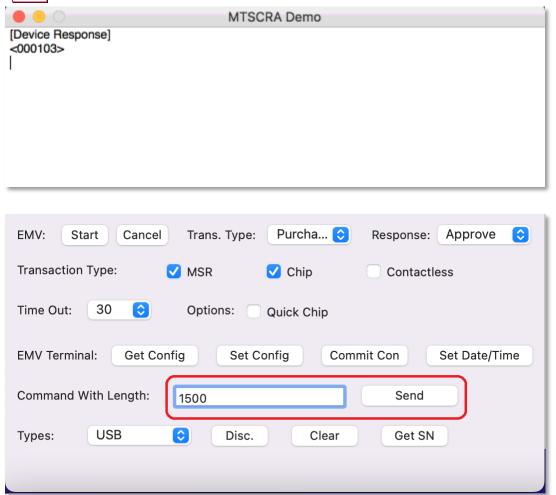
3 How to Use the MTSCRA Demo

The follow instructions is the same for USB or BLE interface.

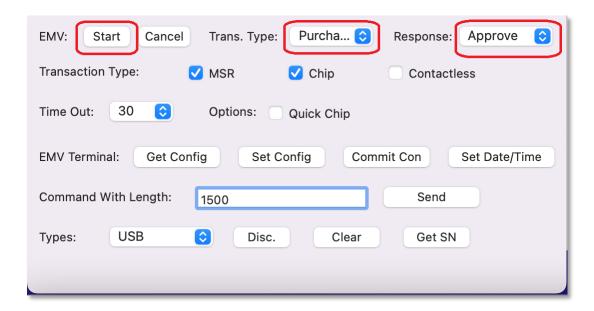
- 1) Connect to the device.
- 2) Swipe a magnetic stripe card to read the card data.



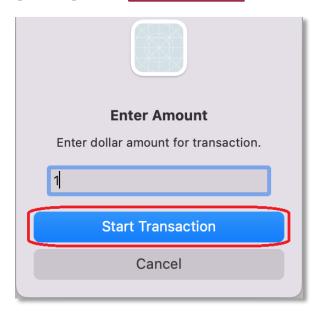
3) If you want to send a command to the device, enter the command in the command text box and press the **Send** button.



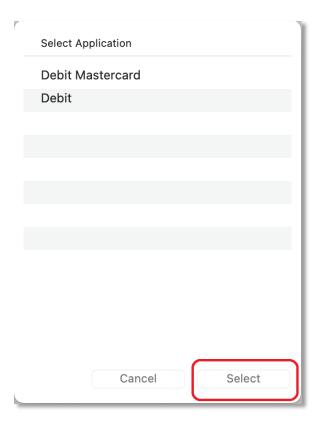
4) If you have an eDynamo and want to read a chip card, select the desired **Response** and **Transaction Type**, then press the **Start** button to begin an EMV transaction, and then insert the chip card when **Present Card** message appears.



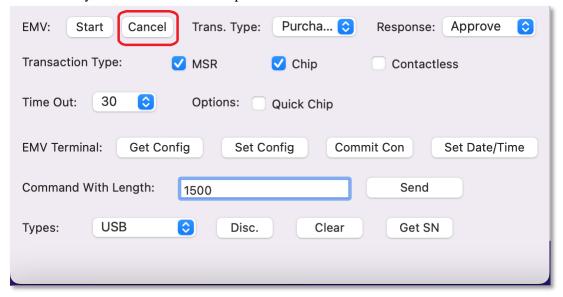
5) Enter an amount if prompted and press the **Start Transaction** button.



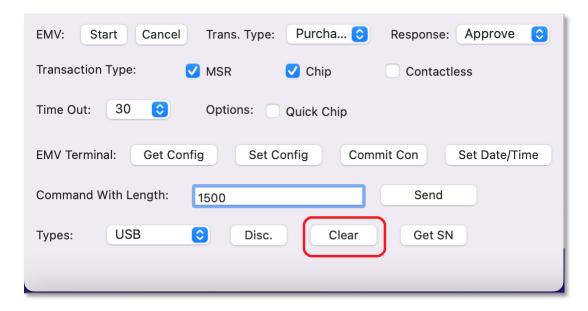
6) Select an Application if prompted in the **Select Application** window, then press the **Select** button.



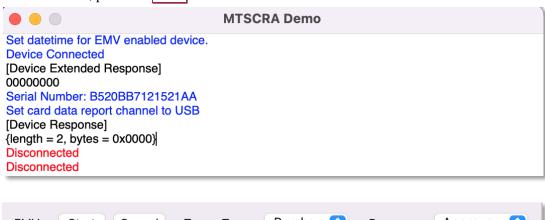
7) If you want to cancel the EMV transaction, press the **Cancel** button. Please note that the cancel feature will only work before the card is presented.

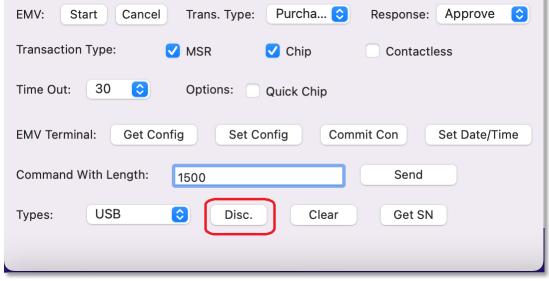


8) To clear the screen, press the **Clear** button.



9) To close the device, press the **Disc.** button.

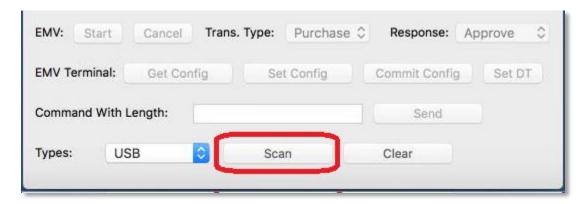




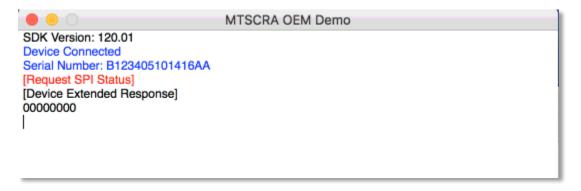
4 How to use the MTSCRA OEM Demo via USB Interface

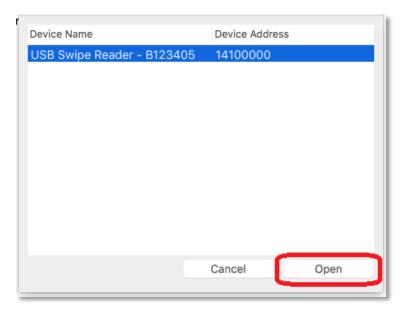
To set up the USB interface with mDynamo on a MAC, follow these steps:

- 1) Connect the mDynamo to the USB port of the MAC.
- 2) Launch the MTSCRA OEM Demo and press the **Scan** button to scan for connected USB devices.

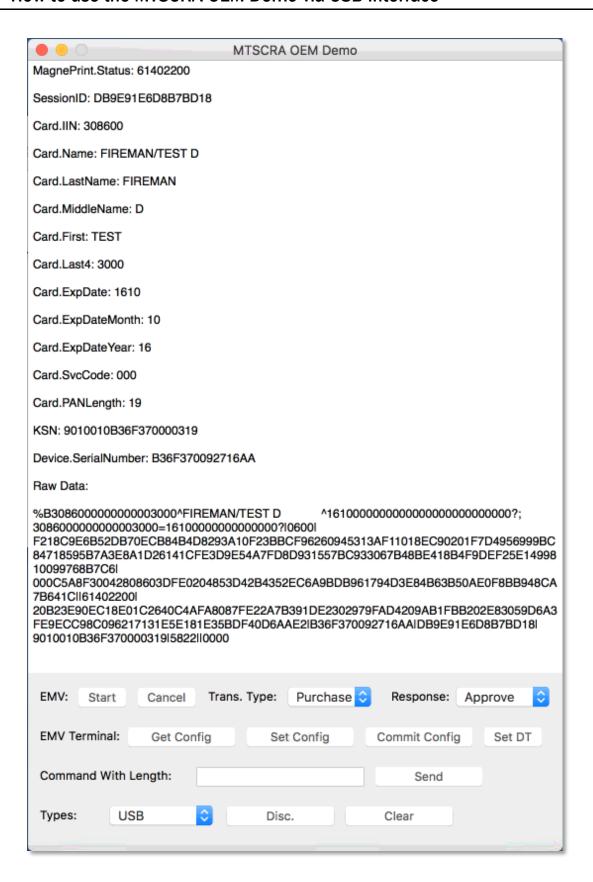


3) Select the Device and press the **Open** button to open the device. After the device is opened, the demo will set the time in the device automatically.



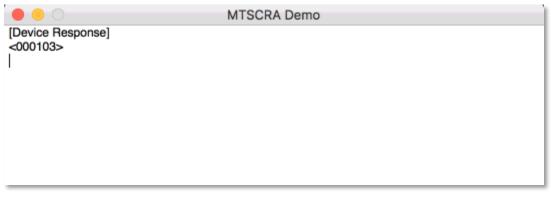


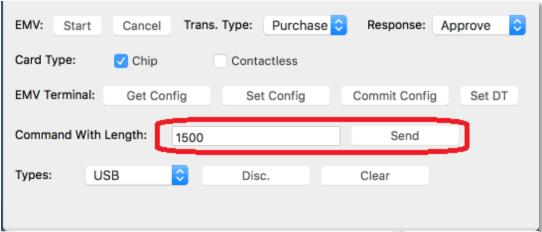
4) Swipe a magnetic stripe card to read the card data.



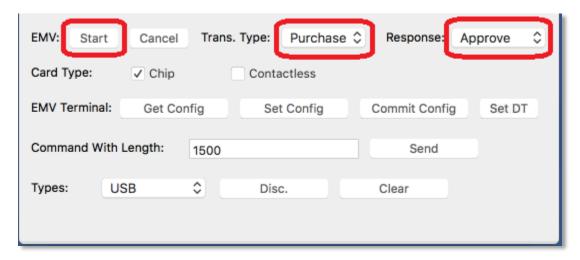
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5) If you want to send a command to the device, enter the command in the command text box and press the **Send** button.



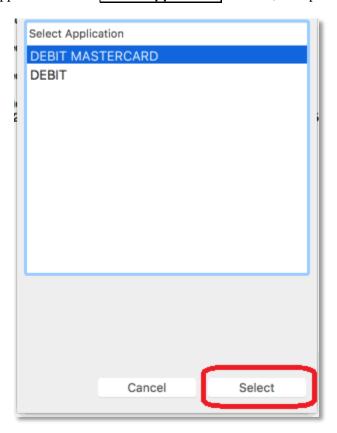


6) If you want to read a chip card, select the desired response and transaction type, press the **Start** button to begin an EMV transaction, and then insert the chip card when **Present Card** message appears.

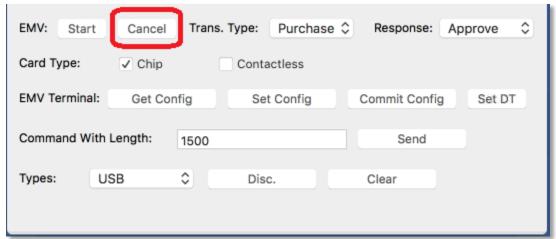




7) Select the desired Application in the **Select Application** window, then press the **Select** button

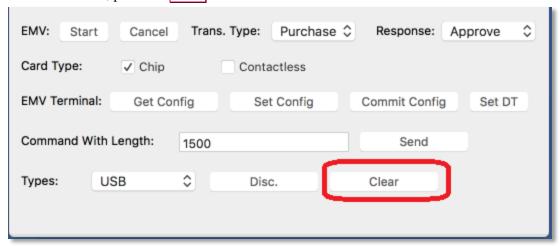


8) If you want to cancel the EMV transaction, press the **Cancel** button. Please note that the cancel feature will only work before the card is inserted.



4 - How to use the MTSCRA OEM Demo via USB Interface

9) To clear the screen, press the **Clear** button.



10) To close the device, press the **Disc.** button.

