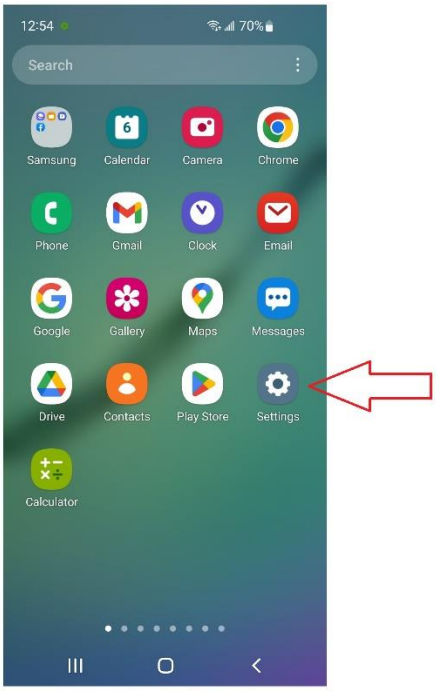
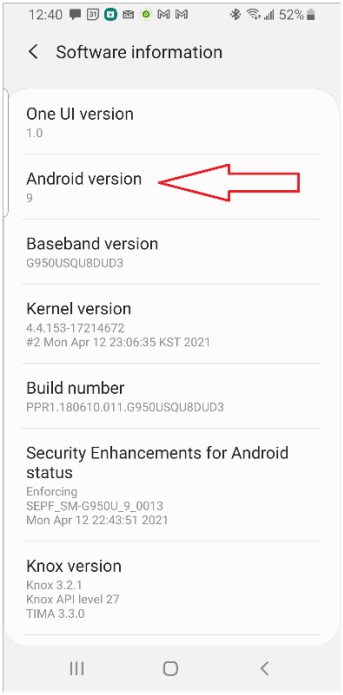
MBX-*ID* Quick Start Guide

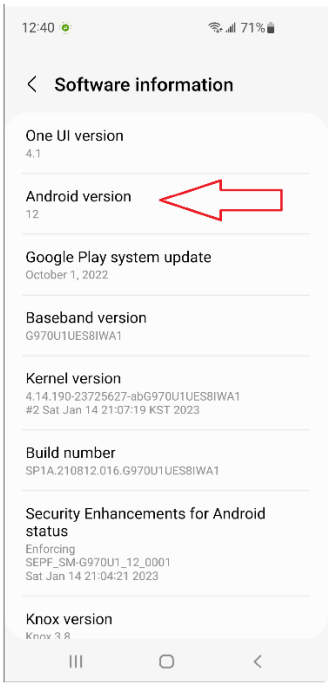
NOTE: The enrollment app is currently only available on Android. Future versions will be available on Apple iOS and Windows.

Enrolling Your Finger on the MBX-ID

Step 1: On your Android phone, confirm the version of Android OS, by going to Settings > About Phone > Software Information > Android Version. The Enrollment app has been tested on Android versions 9 and 12. The Enrollment app may not be supported on other versions.

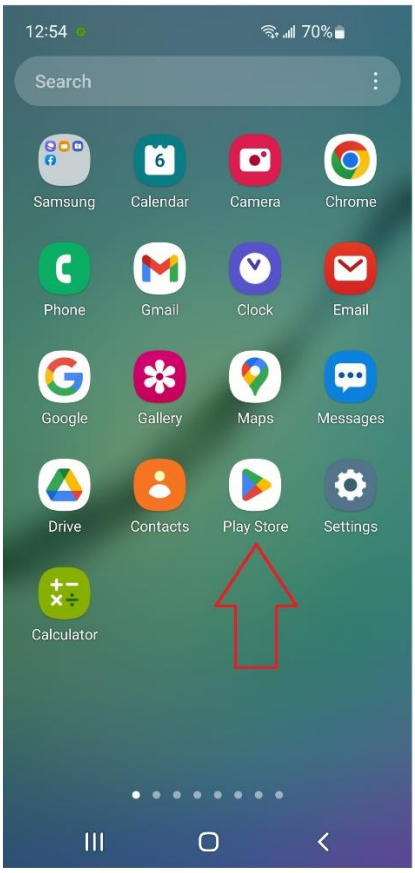


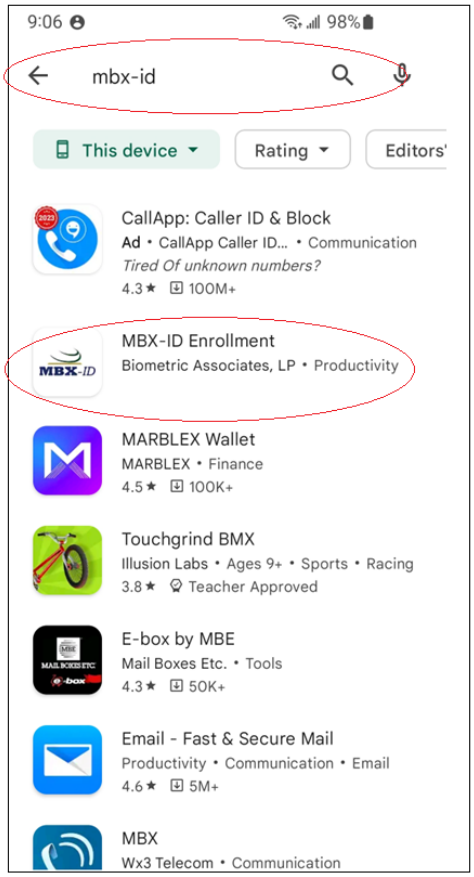


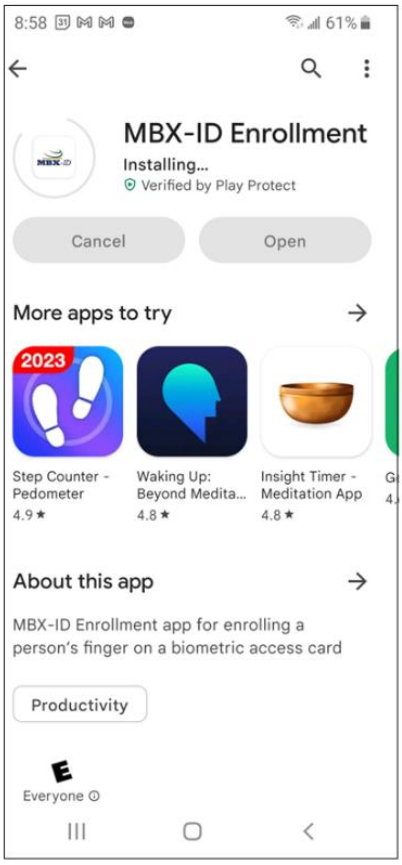


Step 2: Download the MBX-*ID* Enrollment app from the Google Play Store

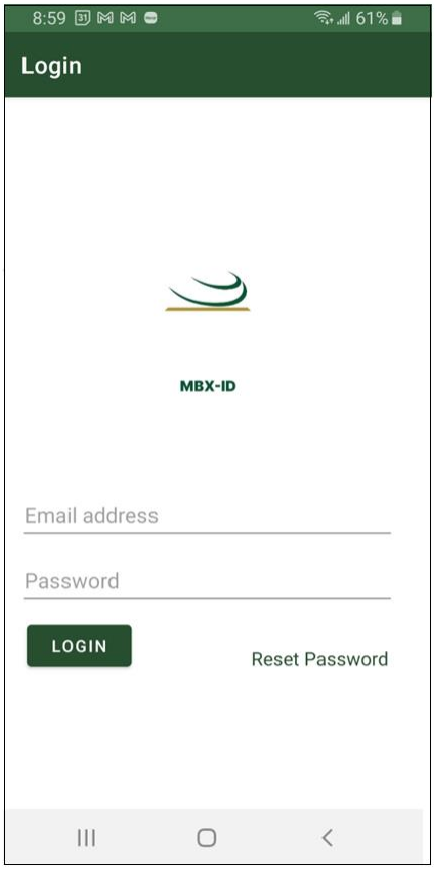
Search for “MBX-*ID*”

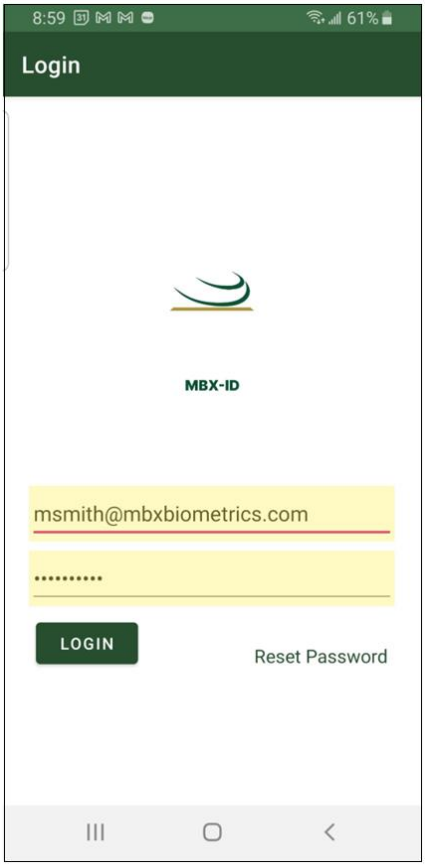






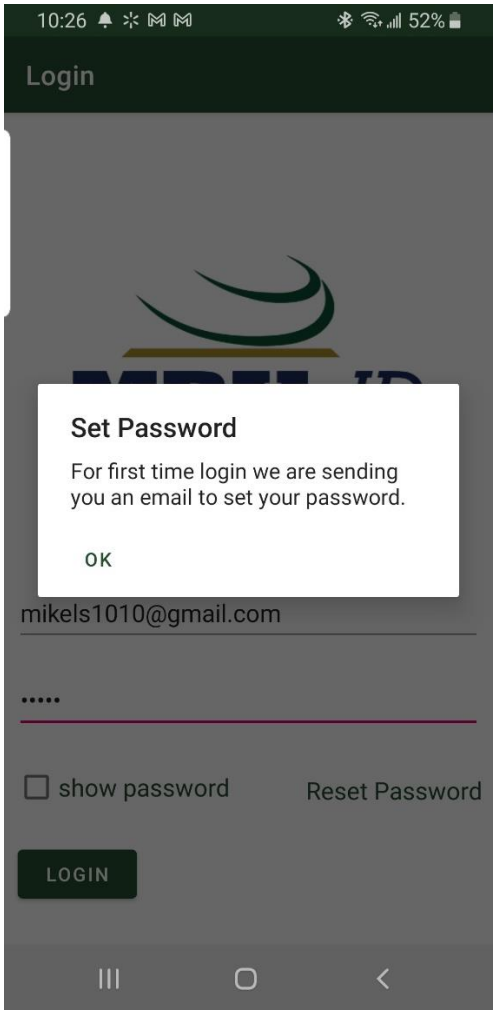
Step 3: Enter your email address and assigned password.

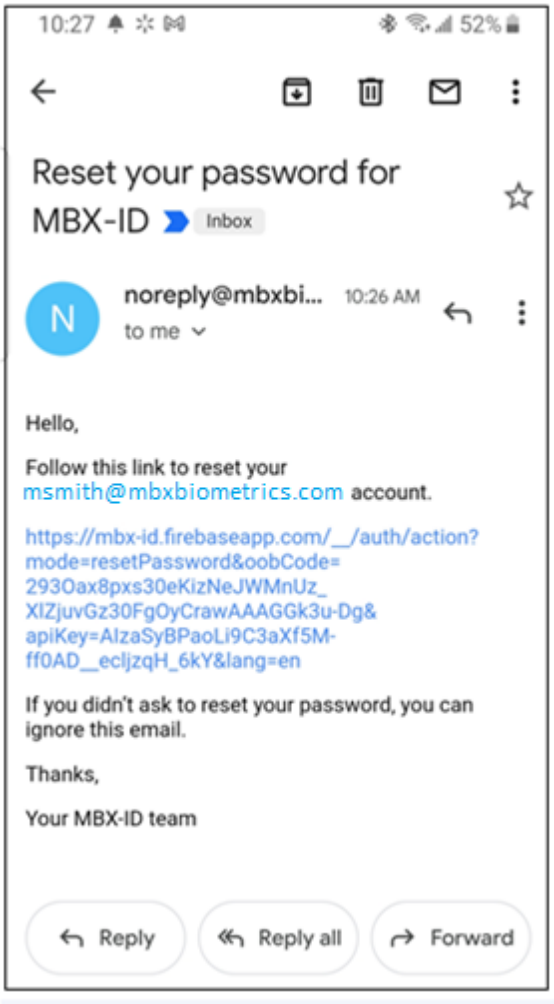


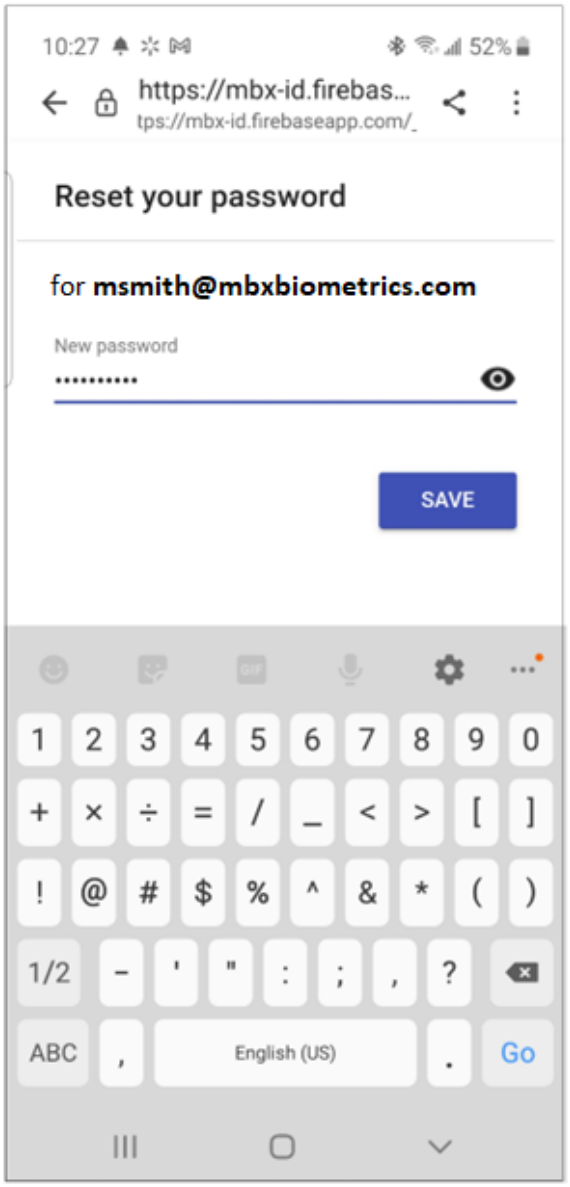


If you do not have an assigned password, or if you receive an error message, email support@mbxbiometrics.com or call (407) 823-8130

Step 4: Change your password if prompted to do so. Select OK, following the instructions, then log back in with your new password.






10:27
52%
https://mbx-id.firebas...
tps://mbx-id.firebaseapp.com/_
Reset your password
for msmith@mbxbiometrics.com
New password
SAVE
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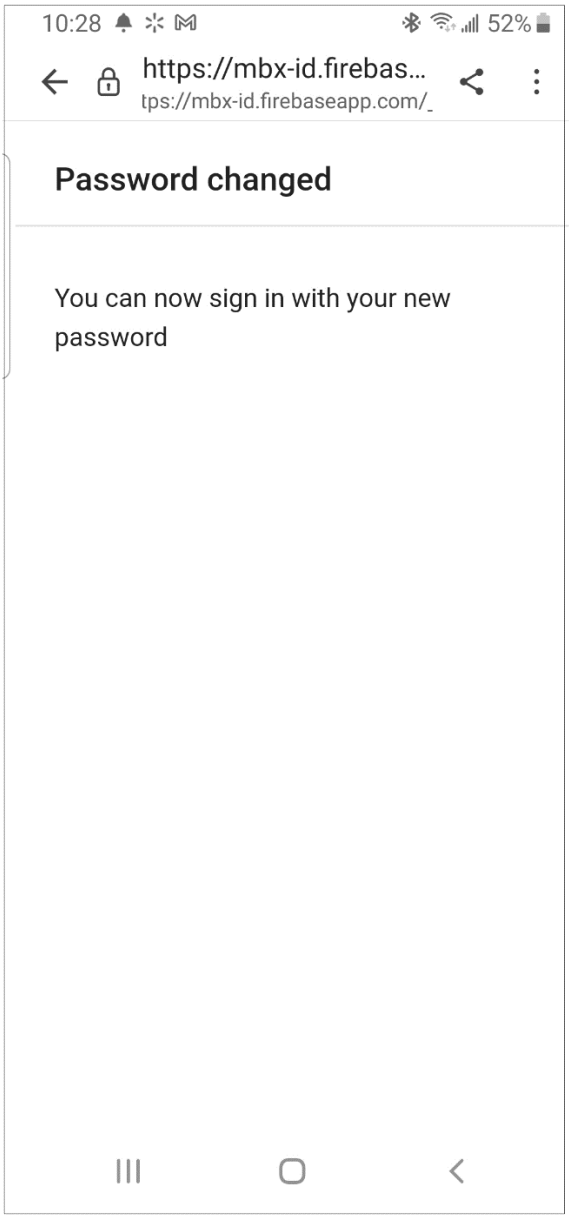
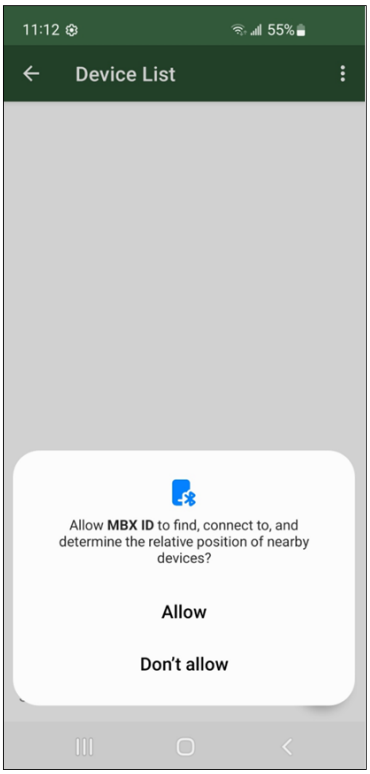
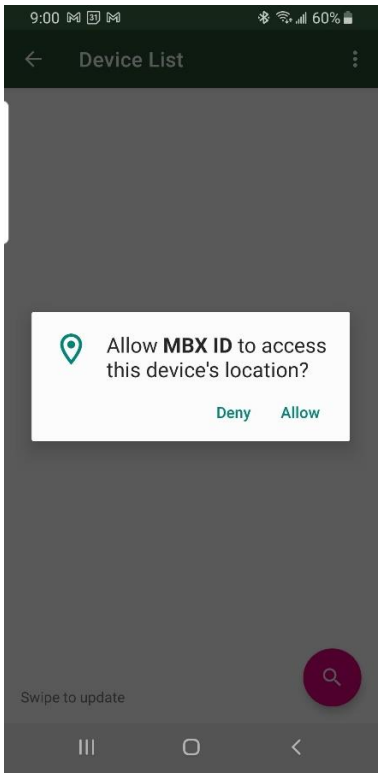

10:28
52%
https://mbx-id.firebas...
tps://mbx-id.firebaseapp.com/_
Password changed
You can now sign in with your new password

Step 5: Enable permissions when prompted. *Note that different versions of Android may display the different messages. Also note that the process of enrolling a finger on the MBX-ID is accomplished by establishing a Bluetooth link between your Android phone and the MBX-ID.*



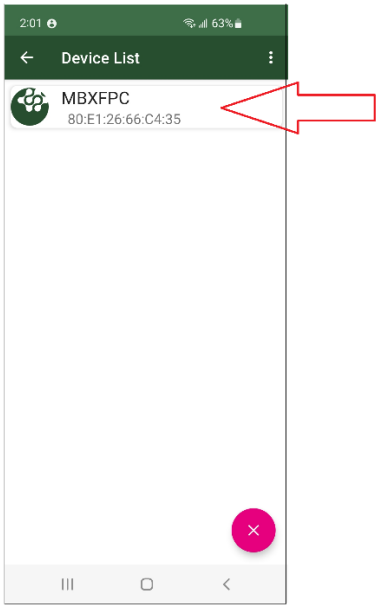


Step 6: Watch the MBX-*ID* Enrollment video before you start the enrollment process: https://www.youtube.com/watch?v=9P_Hd0Sk55M

Step 7: Press and hold a finger (any finger) on the sensor of the MBX-*ID* until the green LED starts flashing (about 15 seconds). This process puts the MBX-*ID* in Bluetooth discovery mode.

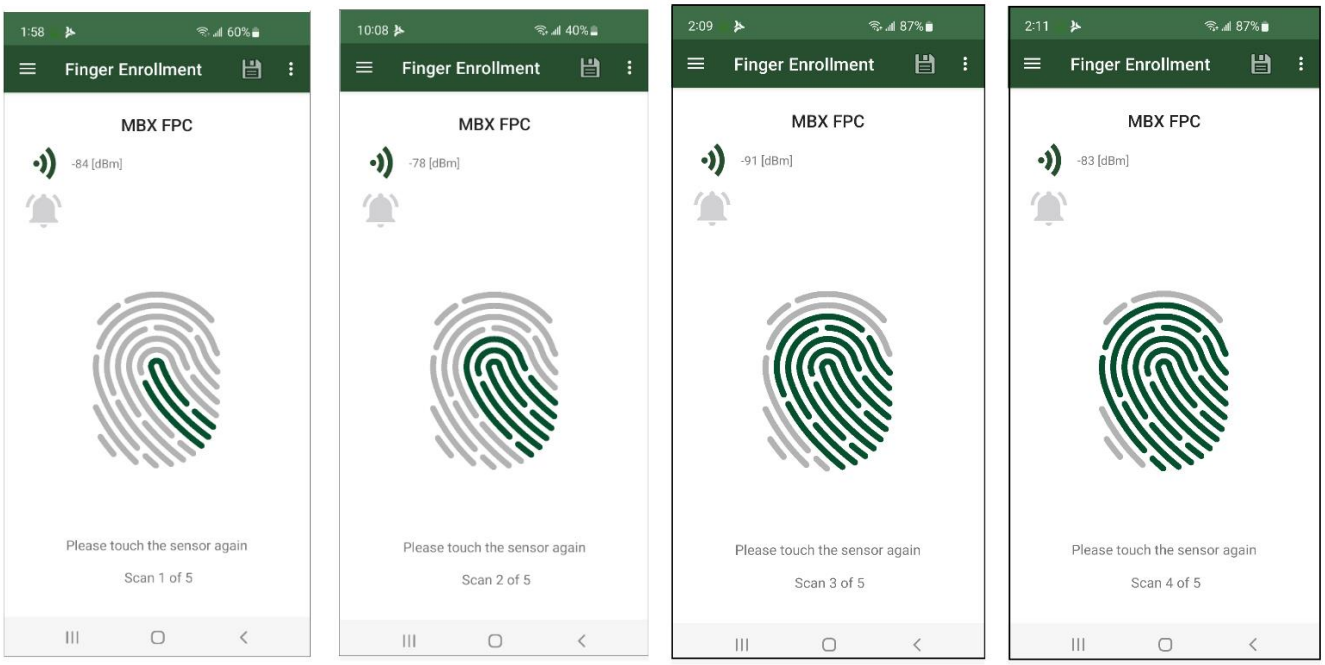
Step 8: On the MBX Enrollment app, Select "CONNECT TO MBX-*ID*".

Step 8: On the MBX Enrollment app, Select “MBXFPC” as displayed in the Device List.

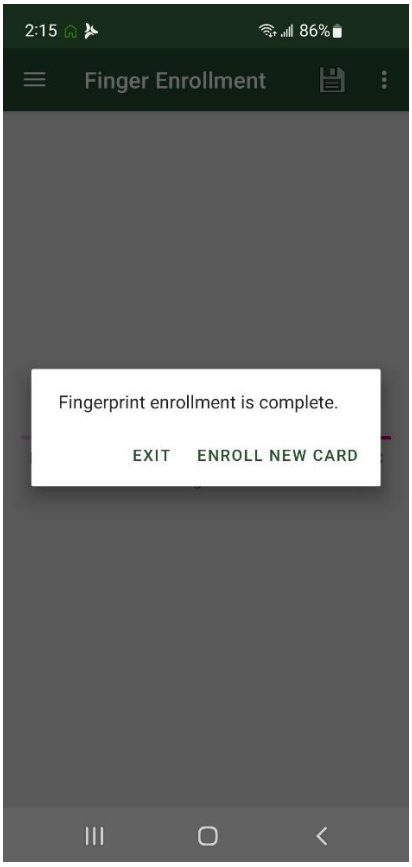


Step 10: On the MBX Enrollment app, touch the image of a fingerprint. *Note, this will start the enrollment process.*

Step 11: On the fingerprint sensor of the MBX-*ID*, press and lift the finger to be enrolled. You will scan your finger five (5) times. Follow the prompts on MBX-*ID* Enrollment app. *Note: The MBX-ID uses the five scans of the same fingerprint to create a template of that fingerprint, which is stored on the MBX-ID.*



Step 12: Select "EXIT" when the enrollment process has been completed.

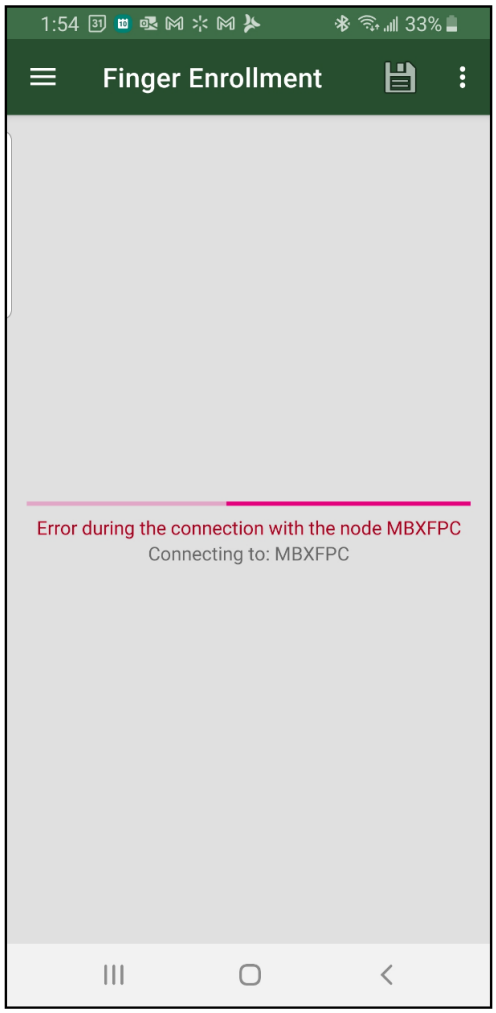


Enrolling Additional Fingers

This version of the Enrollment app supports the enrollment of only one finger at a time. If you wish to enroll a different finger, the stored fingerprint template will be deleted and replaced with the new finger.

Error Messages During Enrollment

Occasionally, the Bluetooth connection drops between the MBX-*ID* Enrollment app on your Android device and the MBX-*ID*. This will result in the following error message. If you see this error message, close the MBX-*ID* enrollment app on your Android device and wait until the MBX-*ID* no longer flashes any LED colors. Then, restart the enrollment process. If the error persists, contact us at support@mbxbiometrics.com

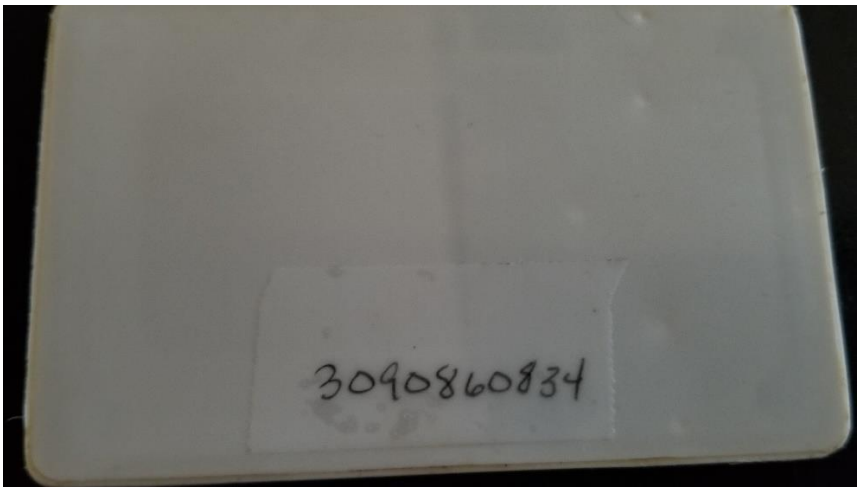


Testing Your Finger on the MBX-ID

Step 1: Test by placing your enrolled finger on the sensor of the MBX-*ID*. The green LED should illuminate for approximately five seconds. Placing a different (non-enrolled) finger on the sensor of the MBX-*ID* should illuminate the red and blue LEDs in an alternating patter.

Using the MBX-ID Biometric Access Card

Step 1: The administrator of the access control system must first enter the UID RFID code (usually on the back of the MBX-*ID*) into the access control system.



Step 2: To use the MBX-*ID* to gain physical access, touch the enrolled finger to the sensor on the MBX-*ID*. The Green LED on the MBX-*ID* should illuminate with solid green. NOTE: You do not need to hold the enrolled finger on the sensor. As soon as Green LED illuminates, release your finger from the sensor. Then touch the MBX-*ID* to the RFID reader. You should be granted access.

Future Feature Upgrades

Both MBX-*ID* Biometric Access Card and the Enrollment app will be upgraded with new features and capabilities throughout 2023. You will be notified if there is an update available, to either the Enrollment app or a new firmware version of the MBX-*ID*.

Upcoming features will include:

- **Ten Finger Enrollment** –With this version of the enrollment app, only one finger may be enrolled and stored. Subsequent fingerprint enrollments will delete any previous enrollment data. Future Enrollment app versions will support the enrollment of up to 10 fingers.

- **RFID** – Successful biometric authentication enables the RFID functionality of the MBX-*ID* for a period of five (5) seconds. Future Enrollment app versions will support a configurable time out for RFID.

- **RFID** MiFare, HID iClass – The current version of the MBX-*ID* includes the MiFare Classic EV1 1k RFID chip. Future versions of the MBX-*ID* will support multiple RFID frequencies and chip types. Upgrades to the current MBX-*ID* may add support for other RFID readers. Also note that some RFID requirements may require a different MBX-*ID* model number.

- **Bluetooth** - This enrollment app version does not support Bluetooth. Future Enrollment app updates and MBX-*ID* firmware versions will support Bluetooth.

- **RTLS** – This enrollment app version does not support Real-Time Location Services (RTLS). Future Enrollment app and MBX-*ID* firmware versions will support RTLS.

- **FIDO2** - This enrollment app version does not support FIDO2. Future Enrollment app and MBX-ID firmware versions will support FIDO2.

- **Personas** - This enrollment app version does not support “Personas”, or associating an enrolled finger with a particular wireless functionality of the MBX-*ID*. Future Enrollment app and MBX-*ID* firmware versions will support Personas.

Support

For support or any questions, email support@mbxbiometrics.com or call (407) 823-8130.