



Feature Description Document

Enrolling Users from IXM WEB



Purpose

This document outlines the process of enrolling biometrics for users from IXM WEB.

Applies to

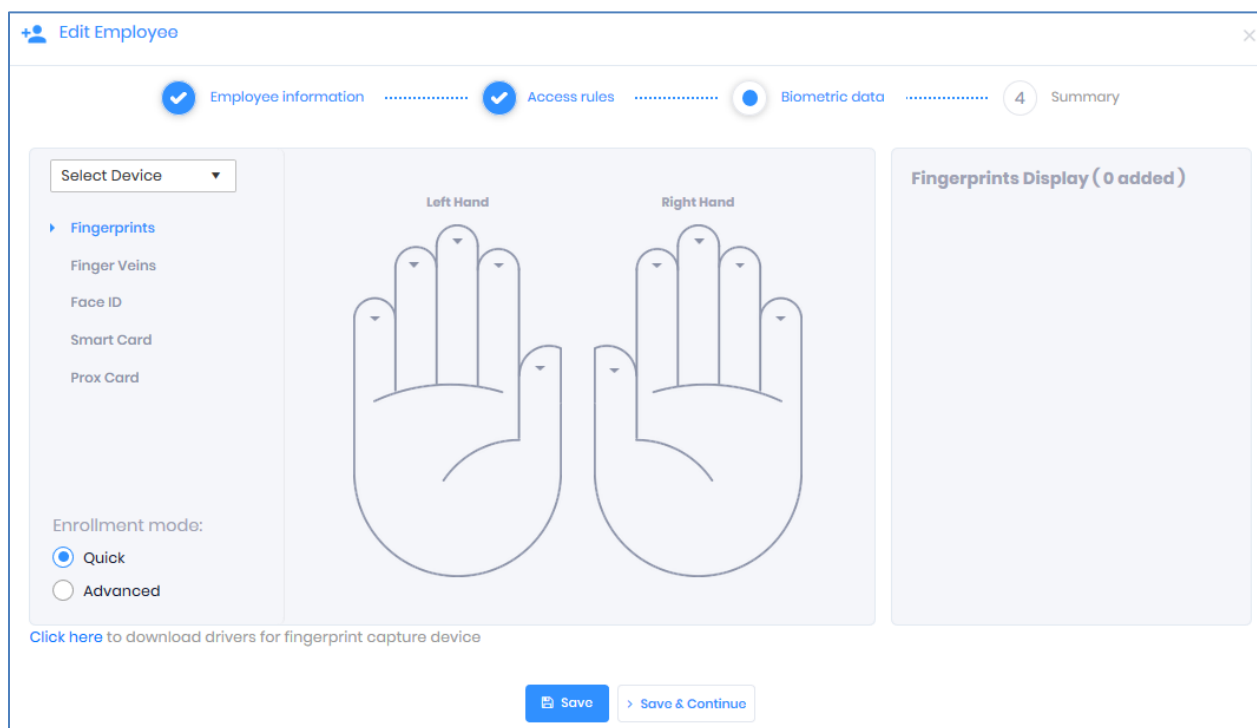
TITAN	TFACE	TOUCH 2	SENSE 2	MERGE 2	MYCRO
All Devices	All Devices	All Devices	All Devices	All Devices	All Devices

Description

Enrolling users in IXM WEB is one of the initial and most important steps in IXM WEB.

Fingerprint Enrollment (All Products)

1. From **Home** >> Go to the **Employees** tab on the top >> Select the **Employee** whose fingerprints need to be enrolled from the list >> Click **Edit** >> Navigate to **Biometric data**.



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Edit Employee

Employee information Access rules Biometric data 4 Summary

Select Device

- Fingerprints
- Finger Veins
- Face ID
- Smart Card
- Prox Card

Enrollment mode:

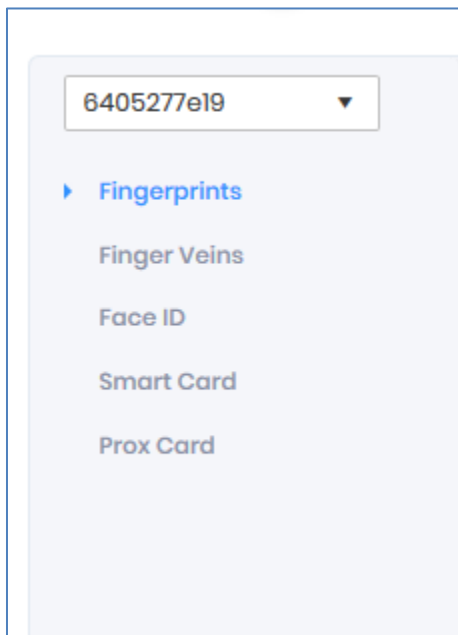
Quick

Advanced

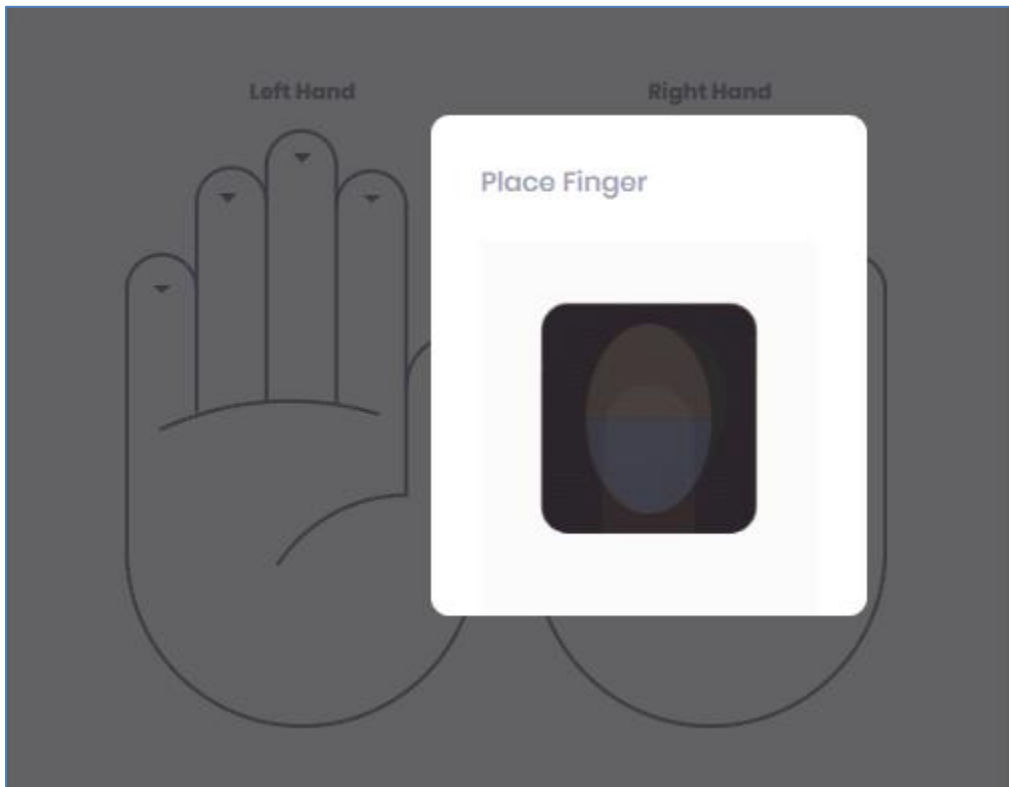
Click [here](#) to download drivers for fingerprint capture device

Save Save & Continue

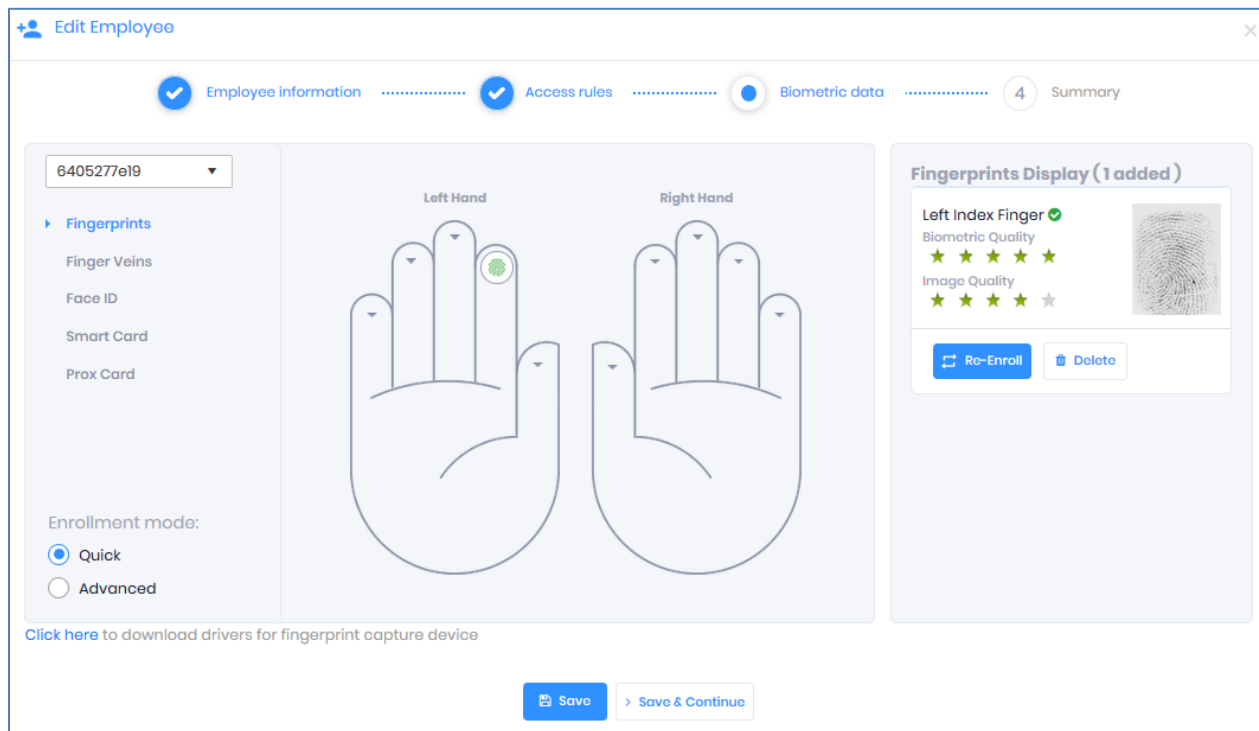
2. Select the **Device** on which fingerprint enrollment will be done from the dropdown on the top-left.



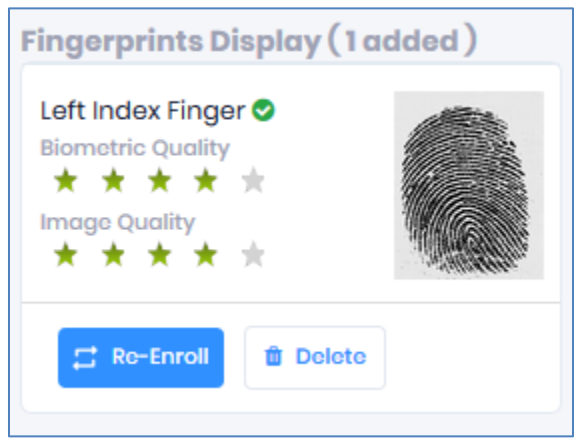
3. Hover the cursor over the two hands and click on the finger which you want to enroll for the employee. A “Place Finger” message will be displayed. Ask the employee to place their finger on the device.



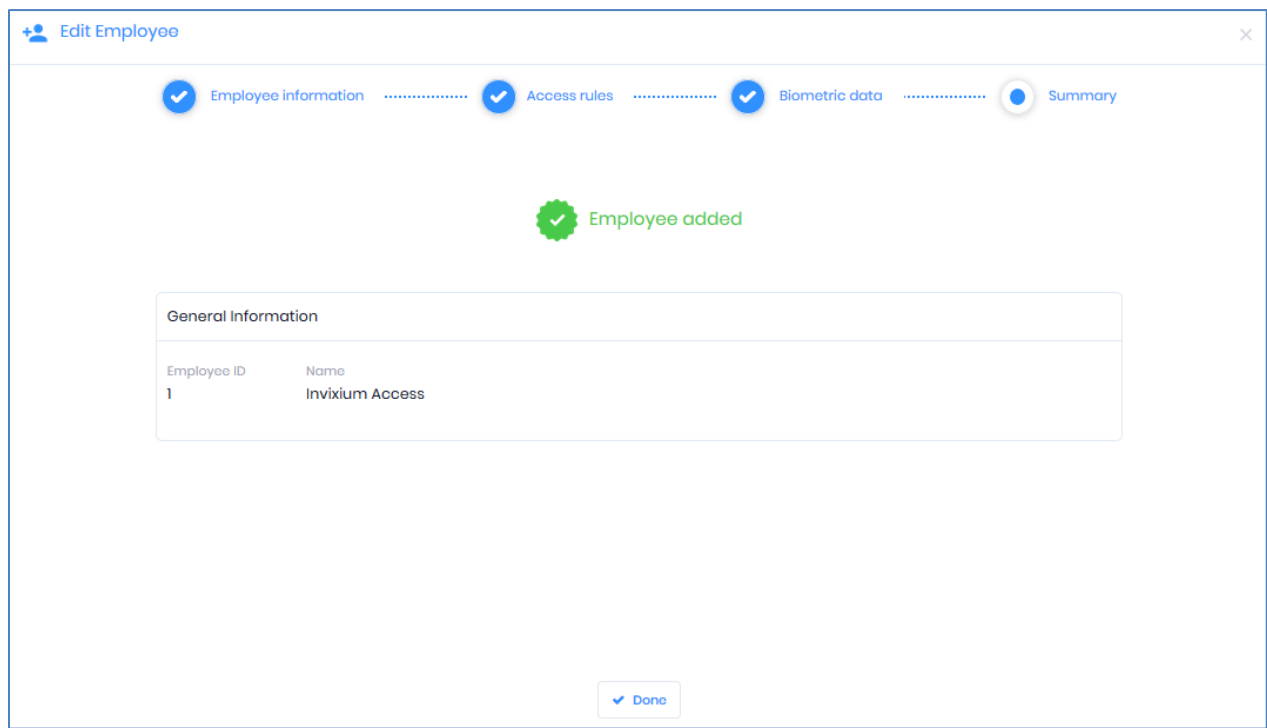
4. Once the finger is scanned, the device will show a “Remove Finger” message and the fingerprint image will be displayed on the right side of the window along with the image quality.



5. Invoxium recommends that each employee be enrolled with a quality of at least 4 stars for all biometrics. To achieve this, it is very important to place the finger in a way that the whole sensor area gets covered and the ridge of the finger touches the slightly engraved portion of the fingerprint sensor. Refer our Fingerprint Enrollment Best Practices document to learn more.



6. After enrollment of all the required fingers click **Save & Continue**.





- Once you click on **Done**, the application will display an employee added message and the user will be transferred to a device based on the mapping done in the device group window.

Application Logs

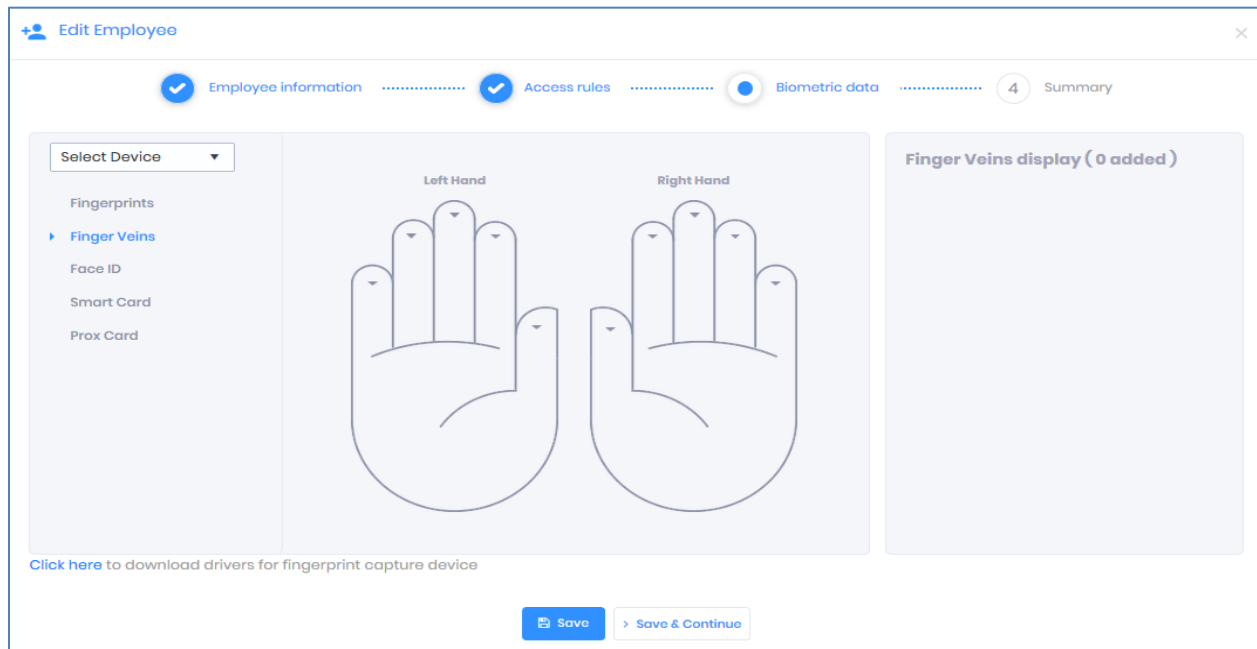
Export

Details	Status	Device Name	Date	Reason	INVIXIUM ID
User Record saved in database Invixium User ID 1	Success		1/8/2020 4:54:30 PM		Admin
Saved User Record on Device 6405277e19 Invixium	Success	6405277e19	1/8/2020 4:54:32 PM		Admin
Failed to save User Record on Device d5cc285af2 Invixium Ethernet open connection timeout - 192.168.1.191	Fail	d5cc285af2	1/8/2020 4:54:32 PM	Selected device is offline	Admin
Saved User Record on Device Admin Door Invixium	Success	Admin Door	1/8/2020 4:54:32 PM		Admin

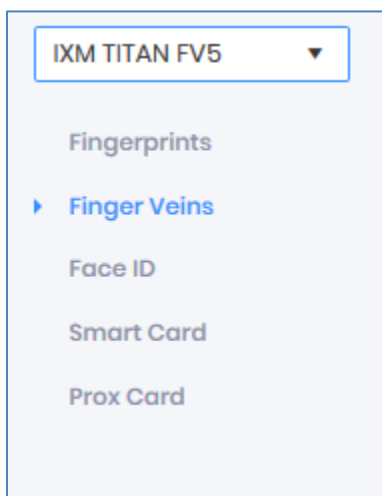
1 to 4 of 4 Items

Finger Vein Enrollment (TITAN)

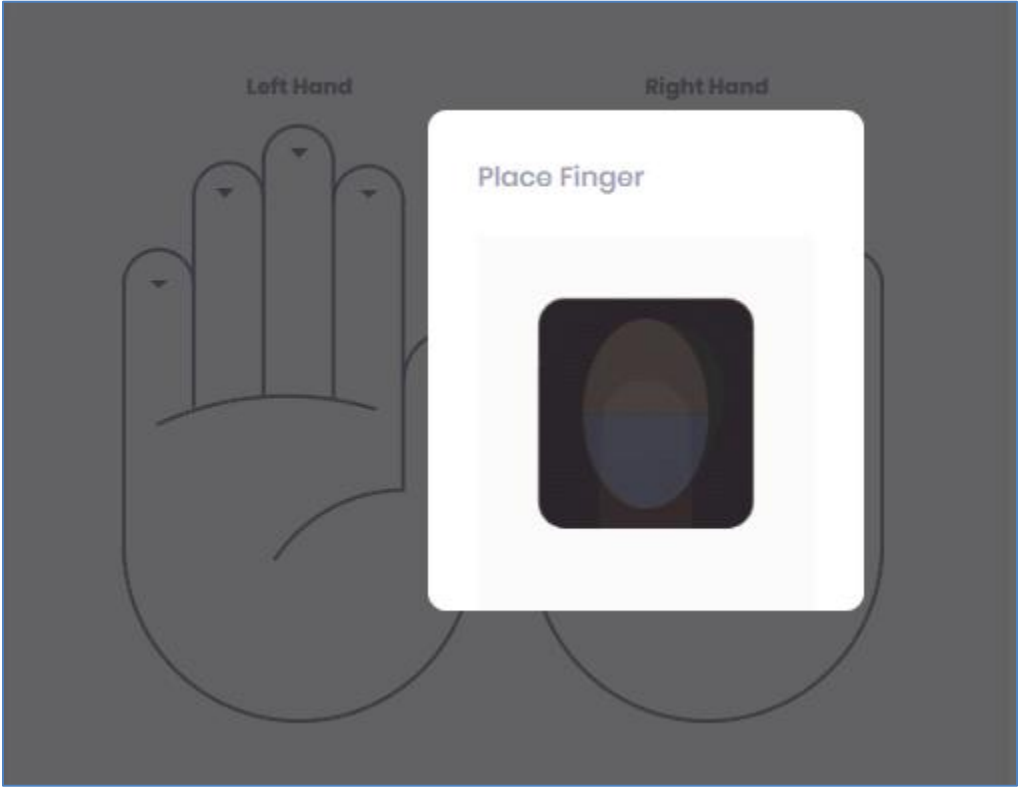
1. From **Home** >> Go to the **Employees** tab on the top >> Select the **Employee** whose fingerprints need to be enrolled from the list >> Click **Edit** >> Navigate to **Biometric data**.



2. Select the **Device** on which finger vein enrollment will be done from the dropdown on the top-left. It has to be a TITAN Finger Vein device.

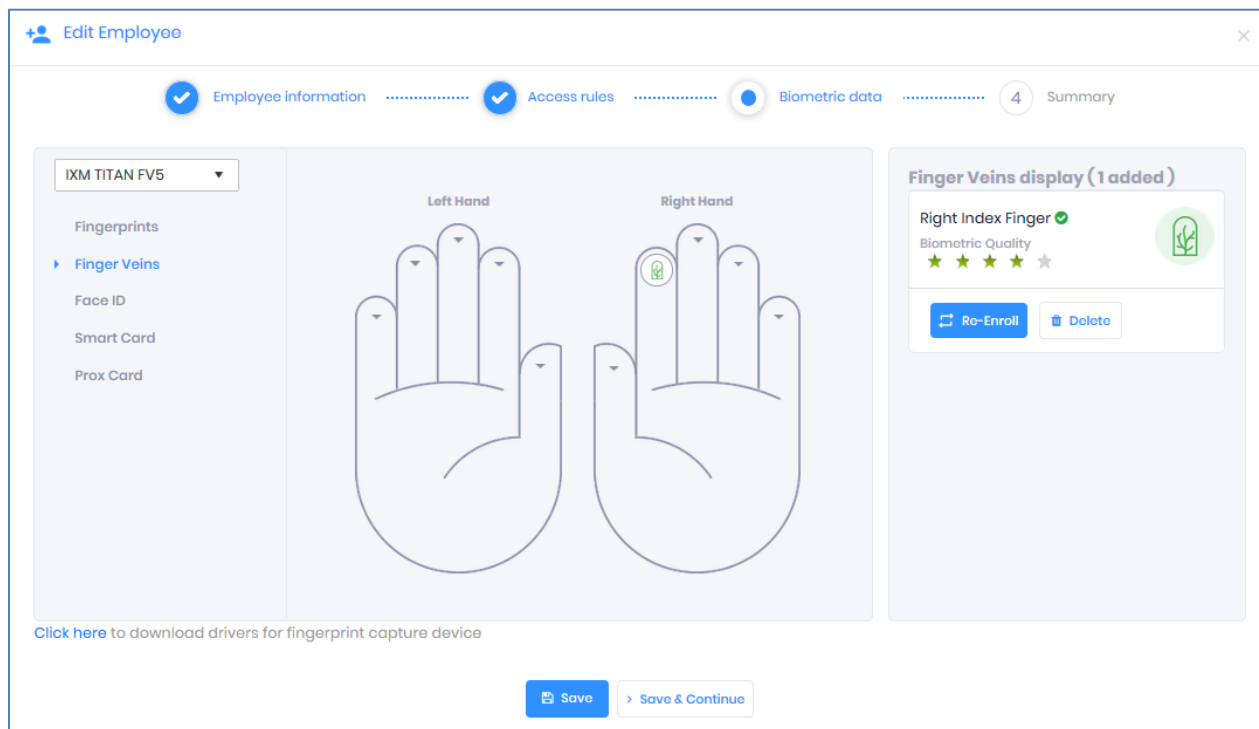


- 3. Hover the cursor over the two hands and click on the finger which you want to enroll for the employee. A “Place Finger” message will be displayed. Ask the employee to place the finger on the device.





- Once the finger is scanned, the device will show a “Remove Finger” message and the quality of the finger vein image will be displayed on the right side of the window.



- Invidia recommends using the index and middle fingers for enrollment, and that each employee is enrolled with a quality of at least 4 stars for all biometrics. To achieve this, it is very important to place the finger so that it is completely straight and the tip of the finger rests on the guide at the back of the finger vein cavity. Refer to the Fingerprint Enrollment Best Practices document to learn more.



6. After enrollment of all the required fingers click **Save & Continue**.

The screenshot shows a web interface titled "Edit Employee" with a close button in the top right corner. A progress bar at the top indicates four steps: "Employee information", "Access rules", "Biometric data", and "Summary". The first three steps are marked with blue checkmarks, and the "Summary" step is currently active, also marked with a blue checkmark. In the center of the page, a green checkmark icon is followed by the text "Employee added". Below this, a box titled "General Information" contains a table with the following data:

Employee ID	Name
1	Invixium Access

At the bottom center of the interface, there is a button labeled "Done" with a blue checkmark icon.



- Once you click on **Done**, the application will display an employee added message and the user will be transferred to a device based on the mapping done in the device group window.

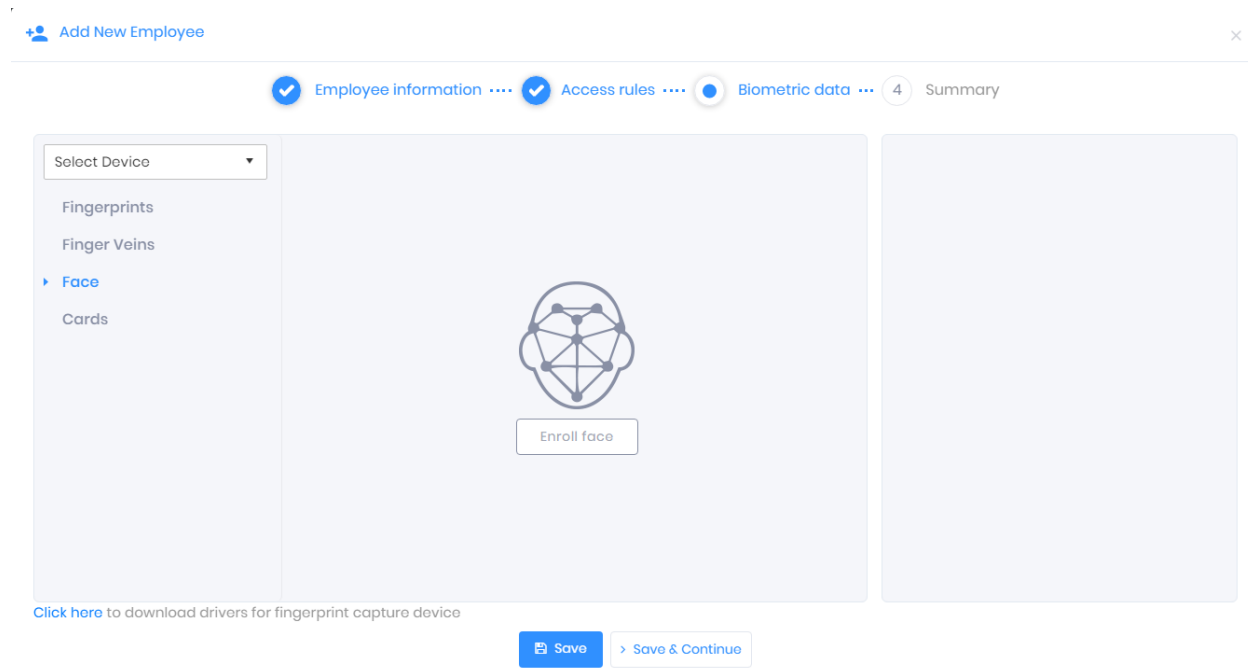
The screenshot shows a window titled "Application Logs" with a close button in the top right corner. Below the title bar is an "Export" button. The main content is a table with the following columns: Details, Status, Device Name, Date, Reason, and INVIXIUM ID. There are four rows of log entries. The first row shows a successful save of a user record. The second row shows a successful save of a user record on a specific device. The third row shows a failed attempt to save a user record due to an offline device. The fourth row shows a successful save of a user record on the Admin Door device. At the bottom of the table, there are navigation arrows and a page indicator "1 to 4 of 4 Items".

Details	Status	Device Name	Date	Reason	INVIXIUM ID
User Record saved in database Invixium User ID 1	Success		1/8/2020 4:54:30 PM		Admin
Saved User Record on Device 6405277e19 Invixium	Success	6405277e19	1/8/2020 4:54:32 PM		Admin
Failed to save User Record on Device d5cc285af2 Invixium Ethernet open connection timeout - 192.168.1.191	Fail	d5cc285af2	1/8/2020 4:54:32 PM	Selected device is offline	Admin
Saved User Record on Device Admin Door Invixium	Success	Admin Door	1/8/2020 4:54:32 PM		Admin

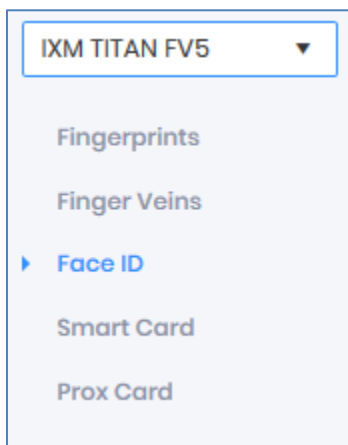


Face Enrollment (TITAN)

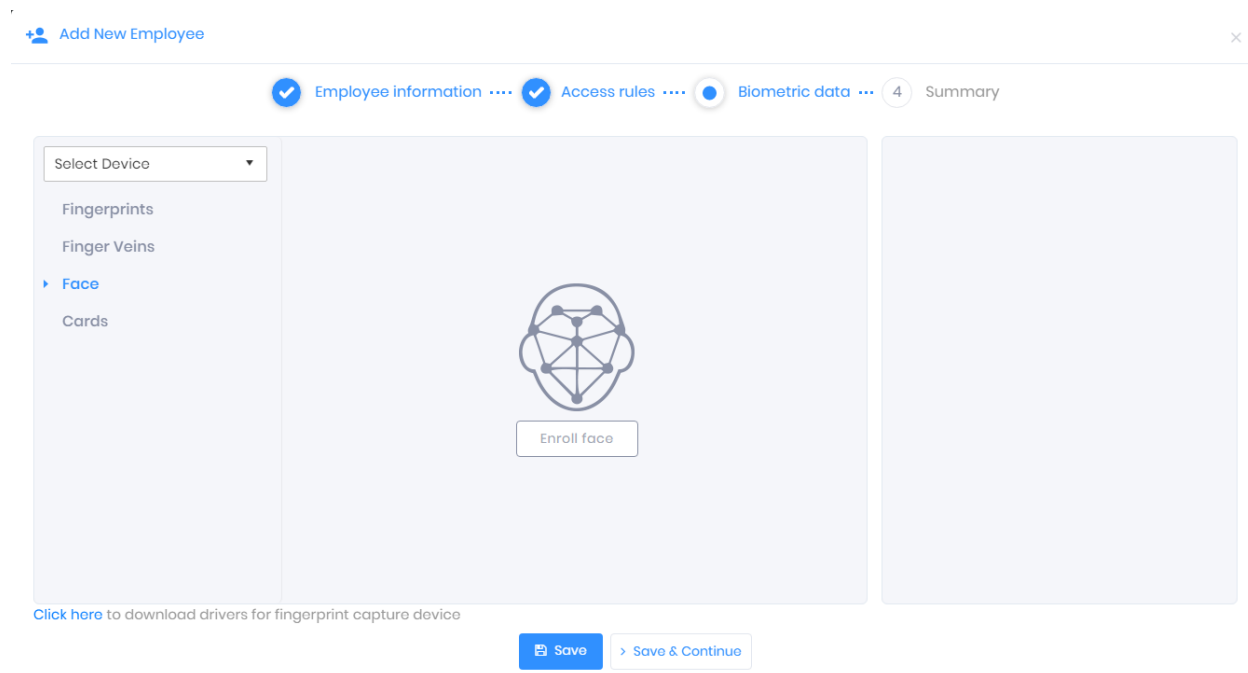
1. From **Home** >> Go to the **Employees** tab on the top >> Select the **Employee** whose face needs to be enrolled from the list >> Click **Edit** >> Navigate to **Biometric data**.



2. Select the **Device** on which face enrollment will be done from the dropdown on the top-left. It has to be a device that supports face recognition. Click on **Face ID**.



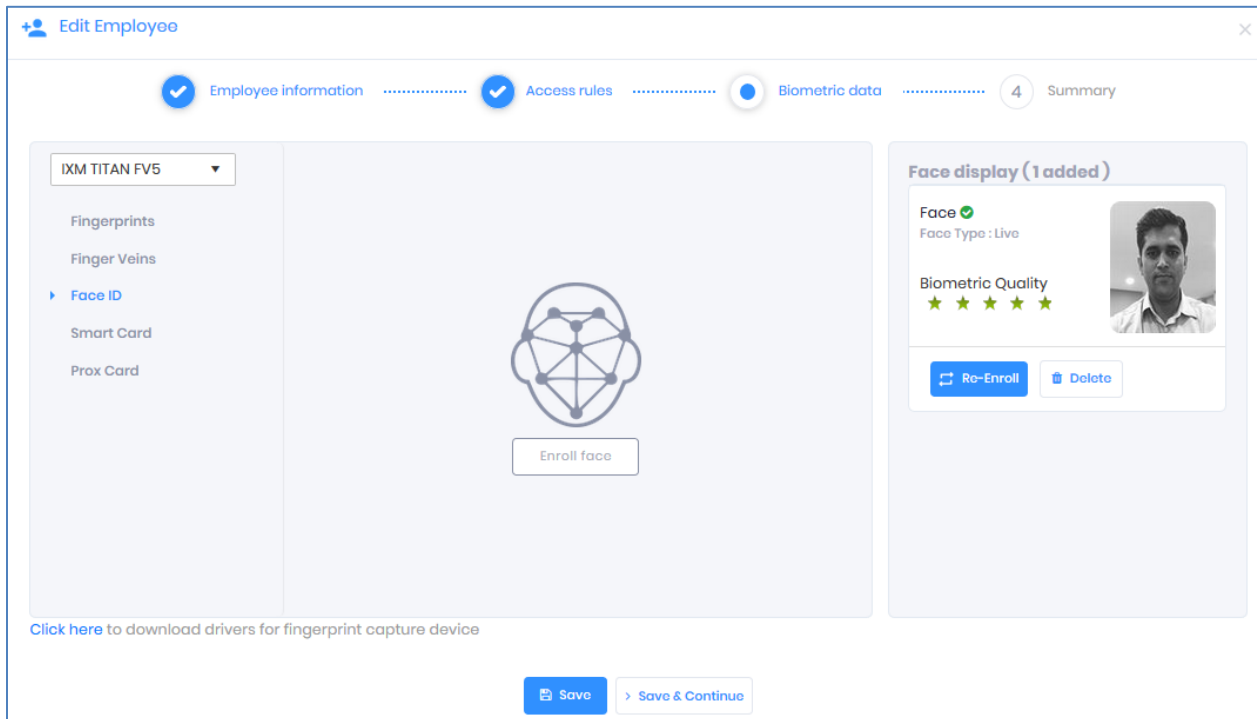
3. Click on **Enroll Face** to start face enrollment.



4. The application will show a “Show Face to Device” message. The user should look straight at the camera when enrolling in their face. Avoid looking in other directions or turning your head during enrollment. Make sure the entire face is within the frame corners, which will turn green upon correct positioning.




5. Once the device captures a face, the employee's face will be displayed on the right side of the application along with the Biometric Quality and Face Type (Live or Spoof).




6. Invixium recommends saving users with face type as “**Live**” for optimal performance with the liveness detection setting turned ON.

Face display (1 added)

Face 
Face Type : Live

Biometric Quality
★ ★ ★ ★ ★




[Re-Enroll](#) [Delete](#)

7. After successful enrollment of the face click **Save & Continue**.

Edit Employee

Employee information ✓ Access rules ✓ Biometric data ✓ Summary

 Employee added

General Information	
Employee ID	Name
1	Invixium Access

[Done](#)



- Once you click on **Done**, the application will display an employee added message and the user will be transferred to a device based on the mapping done in the device group window.

Application Logs

Export

Details	Status	Device Name	Date	Reason	INVIXIUM ID
User Record saved in database Invixium User ID 1	Success		1/8/2020 4:54:30 PM		Admin
Saved User Record on Device 6405277e19 Invixium	Success	6405277e19	1/8/2020 4:54:32 PM		Admin
Failed to save User Record on Device d5cc285af2 Invixium Ethernet open connection timeout - 192.168.1.191	Fail	d5cc285af2	1/8/2020 4:54:32 PM	Selected device is offline	Admin
Saved User Record on Device Admin Door Invixium	Success	Admin Door	1/8/2020 4:54:32 PM		Admin

1 to 4 of 4 Items

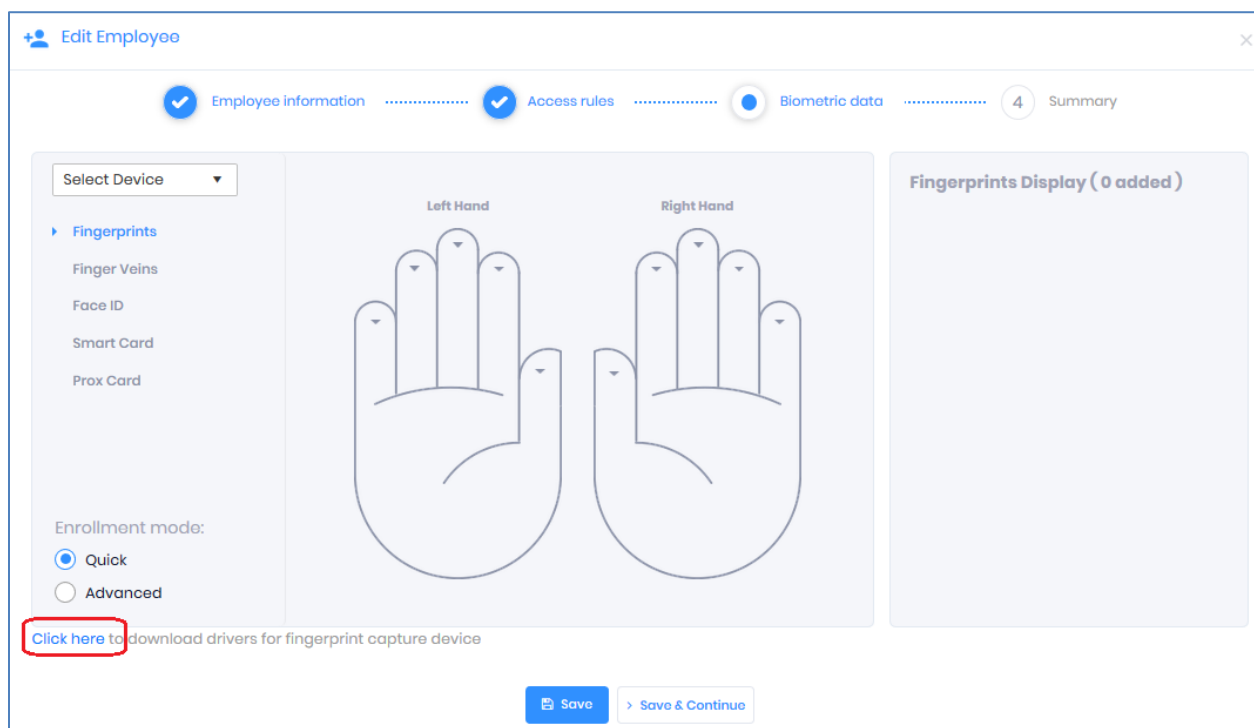


Enroll User Using a USB Desktop Sensor

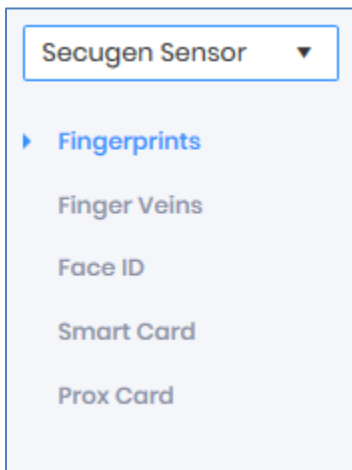
The following Fingerprint sensors are Invixium Certified Products, which can be used to initiate the Fingerprint Enrollment process:

- A. Lumidigm® M-Series
- B. Secugen™ Hamster PLUS

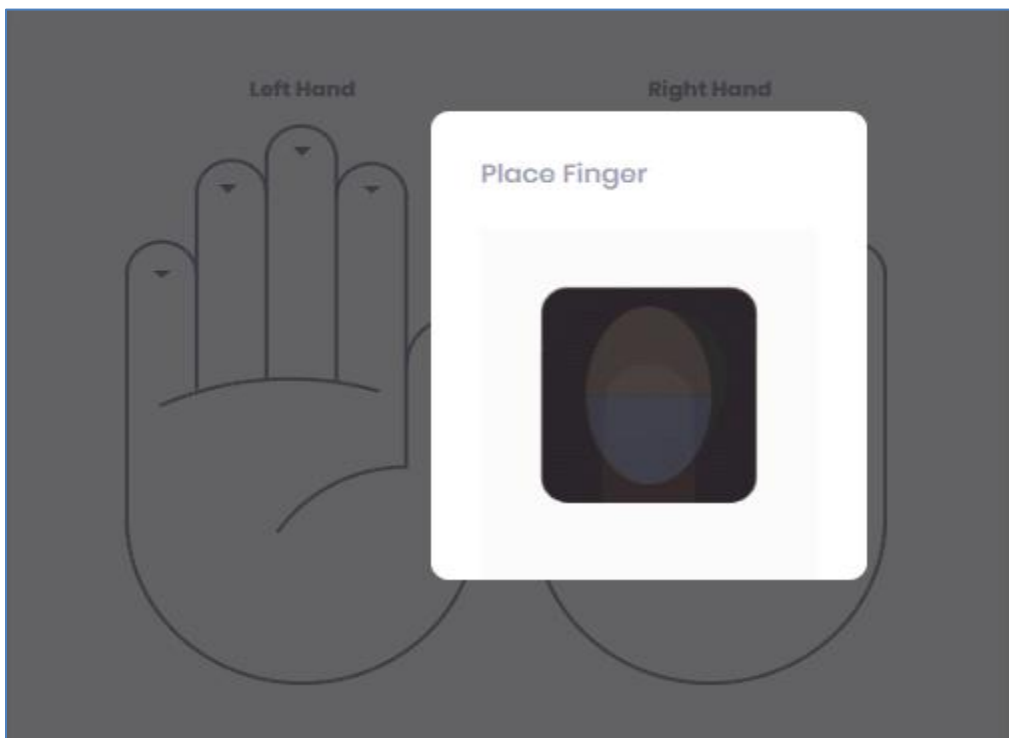
1. In the “Biometric data” window if any of the fingerprint sensors are not detected in the “Select Device” dropdown, then click on the link at the bottom of the screen to download and install the fingerprint sensor driver.



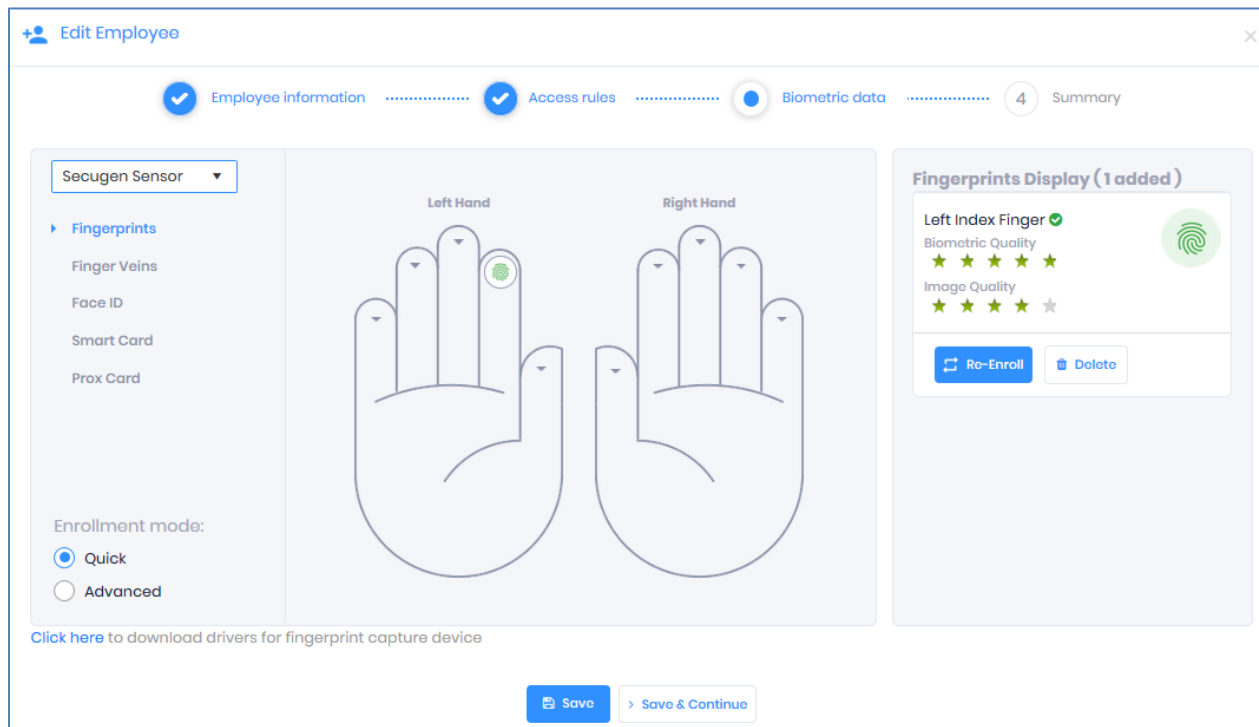
2. Once the driver installation is complete, refresh the browser and you will get a USB sensor in the select device dropdown list.



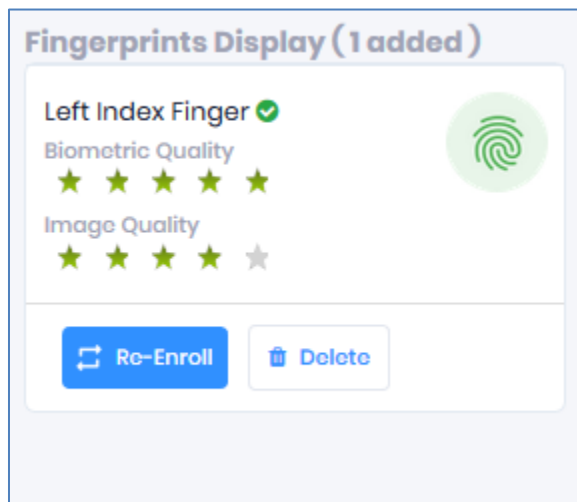
3. Hover the cursor over the two hands and click on the finger which you want to enroll for the employee. A “Place Finger” message will be displayed. Ask the employee to place their finger on the device.



- Once the finger is scanned, the fingerprint image will be displayed on the right side of the application along with the image quality.

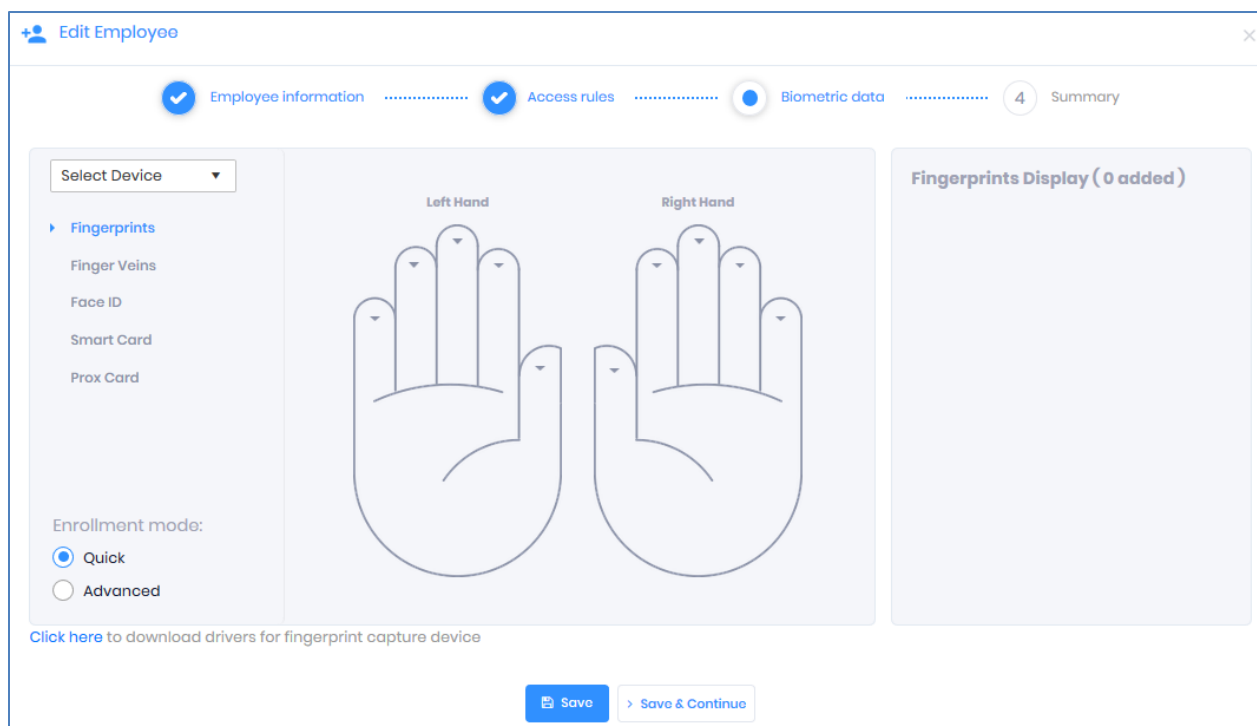


- Invixium recommends that each employee be enrolled with a quality of at least 4 stars for all biometrics. To achieve this, it is very important to place the finger in a way that the whole sensor area gets covered.



Enabling the Advanced Enrollment Option

1. From **Home** >> Click on the **Employees** tab on the top >> Select the required **User** from the Employee list >> Click **Edit** >> Navigate to the **Biometric data** tile.



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Edit Employee

✓ Employee information ✓ Access rules ● Biometric data 4 Summary

Select Device ▾

- ▶ Fingerprints
- Finger Veins
- Face ID
- Smart Card
- Prox Card

Enrollment mode:

Quick

Advanced

Left Hand

Right Hand

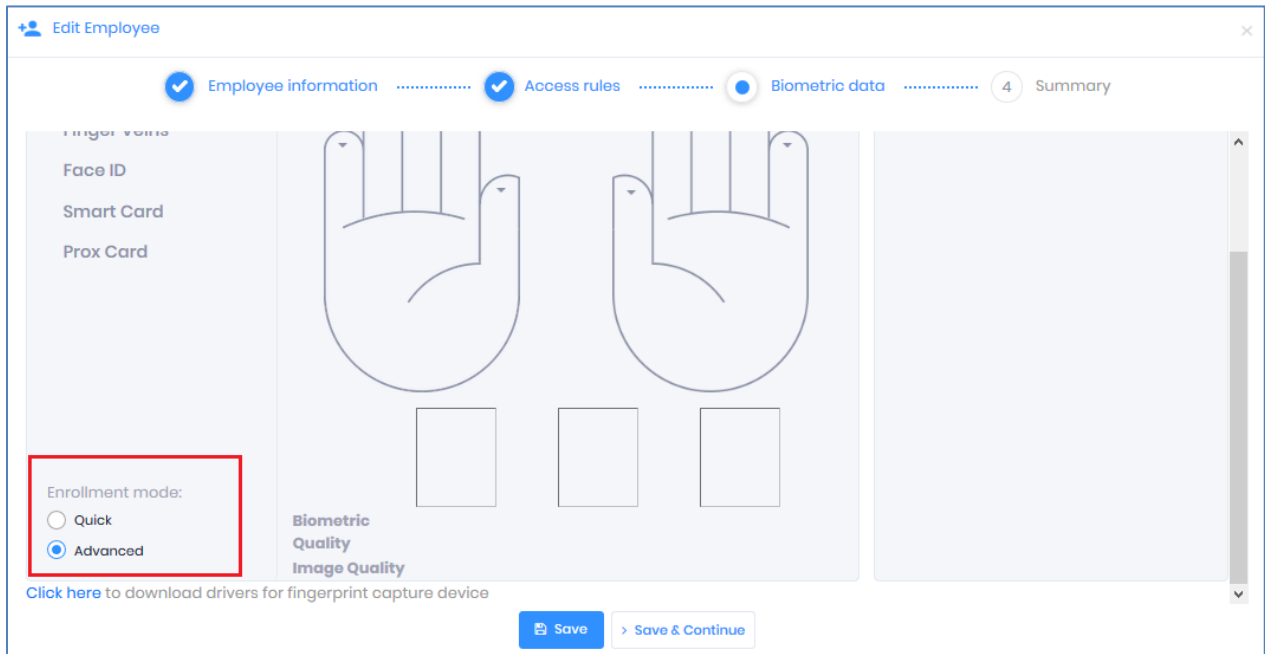
Fingerprints Display (0 added)

[Click here](#) to download drivers for fingerprint capture device

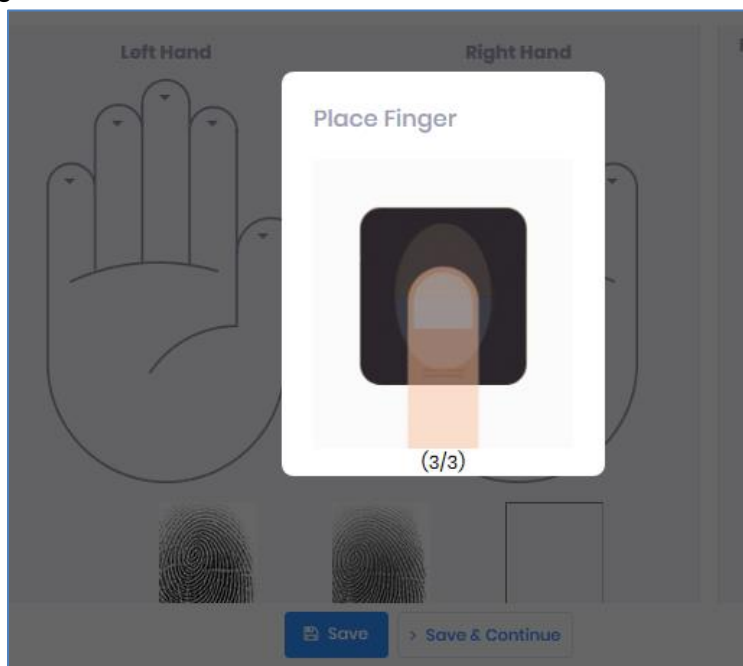
Save Save & Continue



2. Select **Advanced** under Enrollment mode to enable the Advanced Enrollment option.

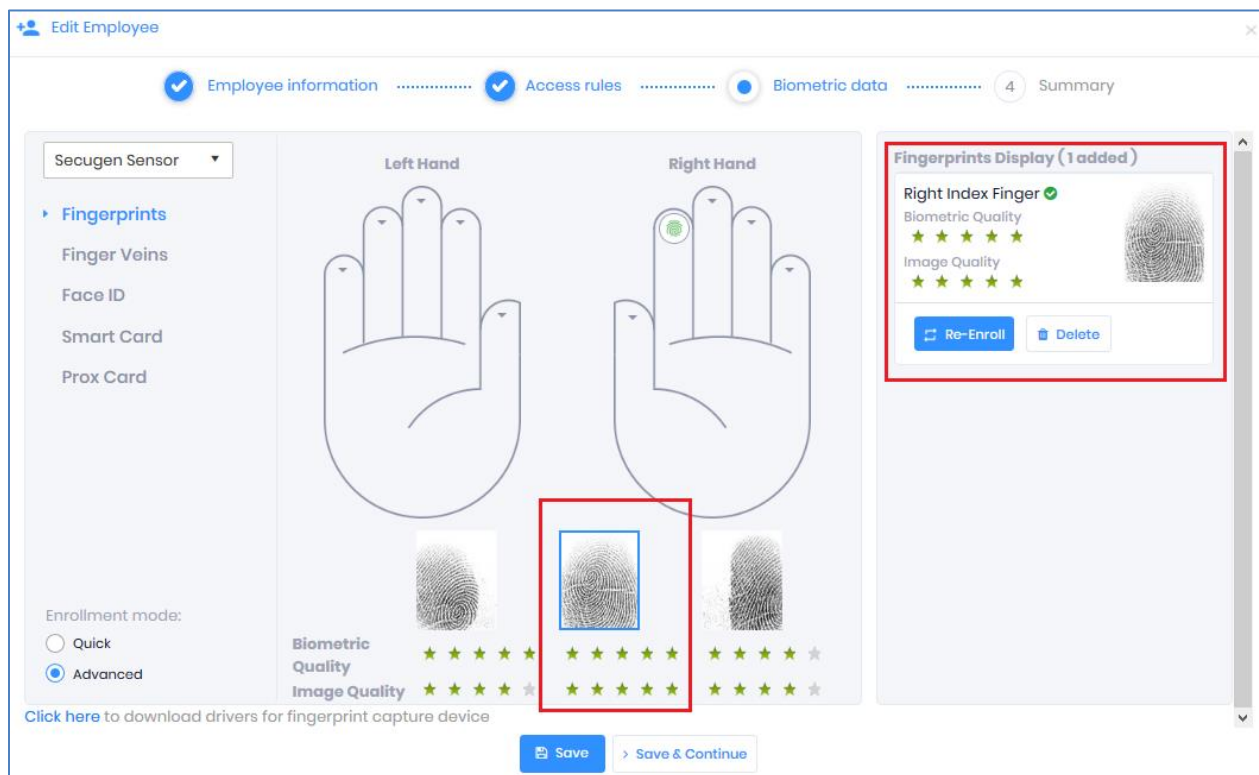


3. Hover the cursor over the two hands and click on the finger which you want to enroll for the employee. A “Place Finger” message will be displayed. Ask the employee to place their finger on the device.



Note - The application will ask the user to place the selected finger 3 times. Each time the IXM WEB will notify the user by displaying the “Place Finger” message.

- Once all 3 attempts are captured, IXM WEB will display the captured fingerprint image of each attempt and select the capture with the best quality for each finger.



- After enrollment of all the required fingers click **Next**. Follow Step 4 onwards of the section “Enroll User using IXM Device” to save the User along with the template.



Support

For more information relating to this Feature Description document, please contact us at support@invixium.com

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