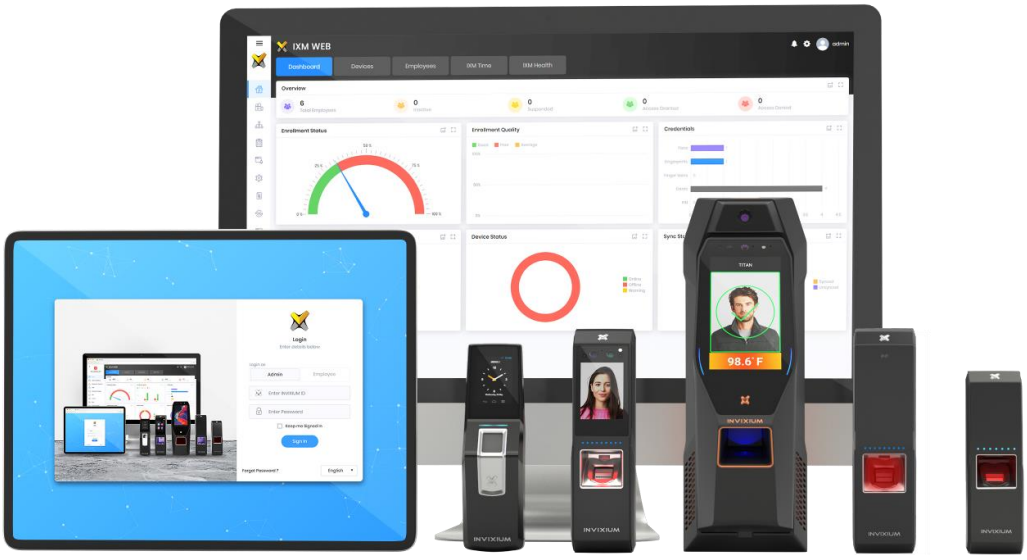


Feature Description Document

Enrollment Best Practice

Purpose

This document is an aid to training individuals in charge of the enrollment process for a biometric access control or time and attendance system.

The person responsible for the enrollment of members should be patient, a good trainer and communicator. Before enrolling a member, it is necessary to explain the concept of using the fingerprint as a key in addition to the significance of the finger's area that has been enrolled and the importance of re-presenting the enrolled area to the reader device.

Applies to

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

Description

It is important to capture the highest quality fingerprint image possible because this initial image is used as a comparison during attempted verification. If the images do not match, the user is not allowed access.

Fingerprint Enrollment Tips

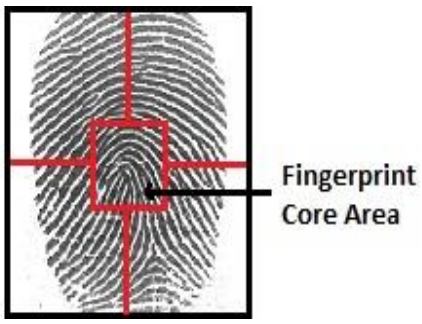
There are two steps that ensure proper fingerprint placement on the scanner.

- Lay your fingerprint flat on the sensor. Be sure you apply optimal pressure to generate a clear image (high pressure for optical sensors and light pressure for multispectral sensors).

- If a finger has a cut or the fingerprint is blurry, select another finger for the fingerprint enrollment process.

- Center the core of the image on the fingerprint scanner.

Tip: An example of a fingerprint core is shown within the box (shown below).

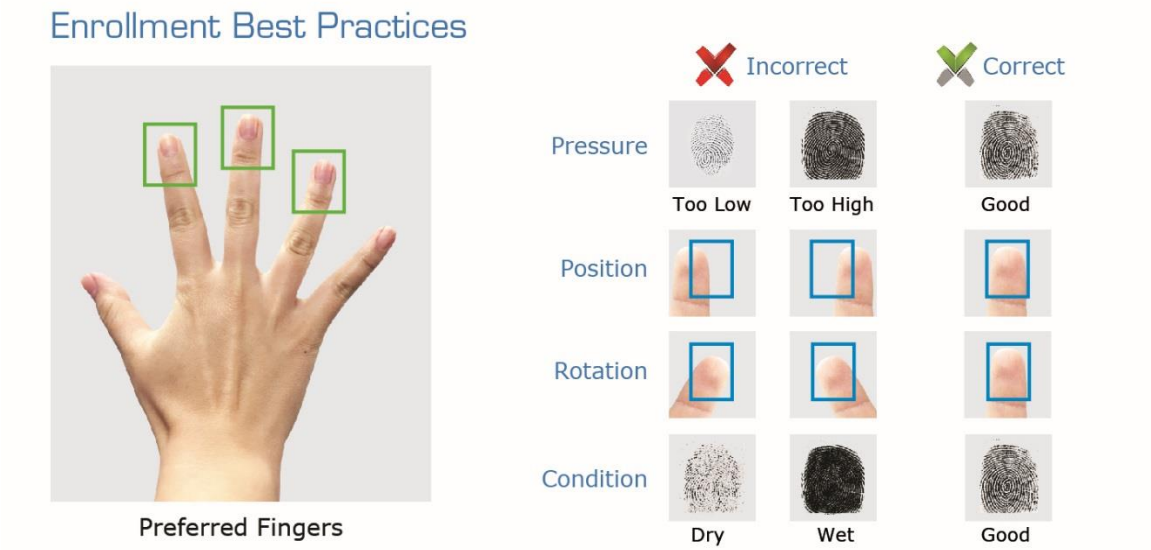


Fingerprint Enrollment Best Practices

- Invixium recommends using the index, middle and ring fingers for enrollment.
- Make sure your finger is flat and centered on the sensor scanning area.
- The finger should not be at an angle and should be straight when placing on the sensor.
- Ensure that the finger is not too dry or too wet. Moisten your finger during enrollment if required.

Avoid Poor fingerprint conditions

- **Wet Finger:** Wipe excessive moisture from finger before placement.
- **Dry Finger:** Use moisturizer or blow warm breath over finger before placement.
- **Stained Finger:** Wipe stains off from finger before placement.



Fingerprint Image Samples

Fingerprint Sample	Result	Recommendation
	Good Fingerprint	Always try and get a good fingerprint like this, to get a good enrollment score.
	Fingerprint with cuts	We recommend using Card + Biometrics or Card + PIN access rule.
	Dry finger	Moisten finger more and re-enroll to get better results
	Wet/Sweaty finger	Rub finger on clean cotton cloth and re-enroll to get better results

Fingerprint Imaging Do's and Don'ts

Do's:

- Capture the index finger first for the best quality image. If it becomes necessary to capture alternate fingers, use the middle or ring fingers next. Avoid pinkies and thumbs because they generally do not provide a high-quality image.
- Ensure that your finger is flat and centered on the fingerprint scanner area.
- Recapture a finger that is light. If the finger is too dry, moistening the finger will improve the image.
- Recapture a finger that has rolled, left or right, allowing only a partial finger capture.

Remember to:

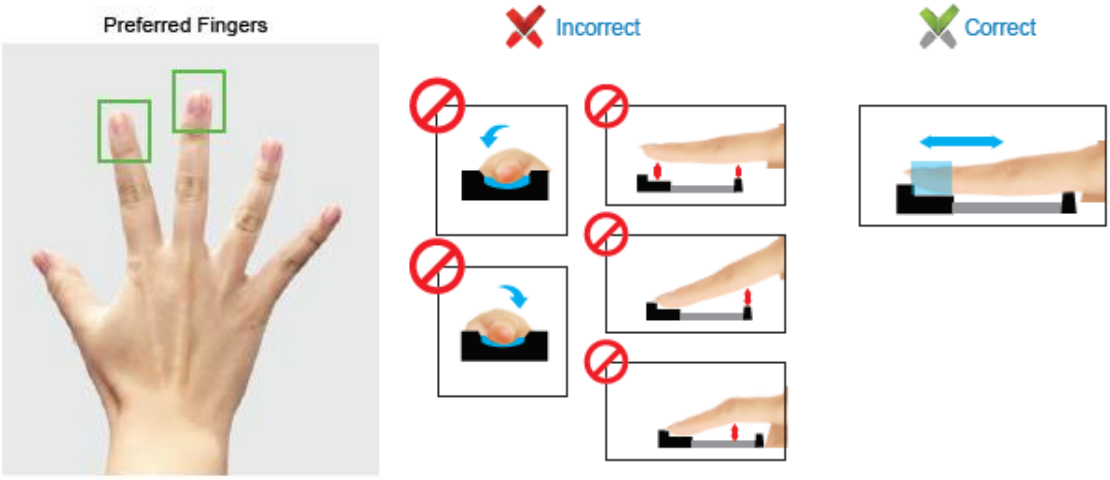
- Identify your fingerprint pattern
- Locate the core
- Position the core in the center of the fingerprint scanner
- Capture an acceptable quality image

Don'ts:

- Don't accept a bad image that can be improved. This is especially critical during the enrollment process.
- Don't assume your fingerprint is placed correctly.

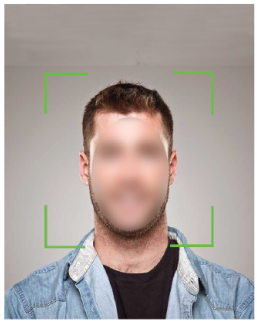
Finger Vein Enrollment Best Practices

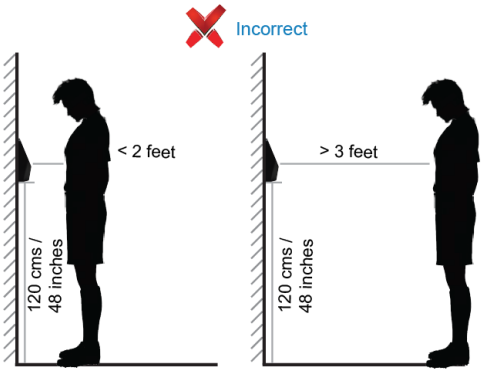
- Invixium recommends using the index and middle fingers for enrollment.
- Make sure your fingertip is resting on the finger guide at the back of the sensor cavity.
- The finger should be completely straight for the best finger vein scan.
- Ensure that the finger is not turned or rotated in any direction.

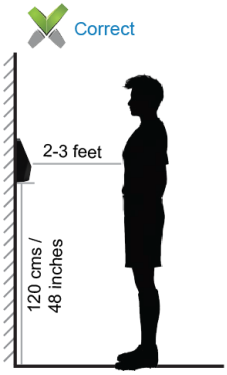


Face Enrollment Best Practices

- Invixium recommends standing at 2 to 3 feet from the device when enrolling a face.
- Make sure your entire face is within the frame corners, which will turn green upon correct positioning.
- The user should look straight at the camera when enrolling their face. Avoid looking in other directions or turning your head during enrollment.







Support

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

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