



OFIS SDK 2.0 USER GUIDE

1 • INSTALLATION PROCESS

To start using OFIS, please obtain the OFIS Client Installation CD from your administrator or system integrator and perform the following installations:

FINGERTEC OFIS SCANNER INSTALLATION

- Run the CD provided in your computer. The FingerTec OFIS Scanner driver is located in the FingerTec_Ofis_Scanner folder.
- Run the FingerTec_Ofis_Scanner_Driver.exe file in the folder "FingerTec_Ofis_Scanner". The installation process will begin. Follow the installation steps to complete the FingerTec OFIS Scanner installation.
- Restart your computer for the FingerTec OFIS Scanner to be activated.

OFIS CLIENT INSTALLATION

(For OFIS Client package only)

- Run the OFIS Client Installation CD. Locate a file named OFIS_Client_Setup.exe at the root directory of the CD-ROM.
- Run the OFIS_Client_Setup.exe, the installation process will begin automatically. Follow the installation steps until the installation is complete.

OFIS TA INSTALLATION (For OFIS TA package only)

- Run the OFIS Client Installation CD. Locate a file named FingerTec_TCMSv2_Setup.exe at the root directory of the CD-ROM and run the setup.
- Follow the installation steps until the installation is complete.

2 • USING FINGERTEC OFIS

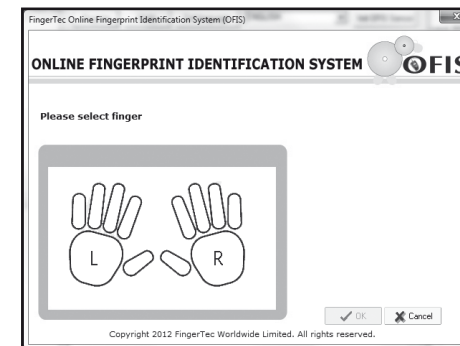
Please connect the FingerTec OFIS Scanner to your computer in order to start using the FingerTec Online Fingerprint Identification System.

There are two processes required when using the OFIS.

- The registration process is to capture user fingerprint and generate a fingerprint template to be stored in database.
- The verification process is to verify the fingerprint template from one user with the fingerprint template from the database.

The followings are the screenshots to illustrate the two processes:

FINGERPRINT REGISTRATION PROCESS

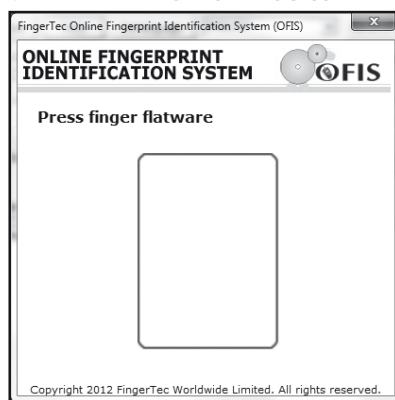


During the registration process, the OFIS interface will popup requiring the user to select a finger to be enrolled into the system. Select the finger that you wish to enroll.

Place the selected finger repeatedly at the FingerTec OFIS Scanner for 4 times to capture your fingerprint template. When the color bar is filled, your enrollment is complete.

When the registration process is successful, the system will prompt a "Registration is successful" message. Click OK to close the OFIS window.

FINGERPRINT VERIFICATION PROCESS



During the process of verification, the OFIS interface will popup requiring the user to place the fingerprint at the FingerTec OFIS Scanner.

When the sensor has successfully captured your fingerprint template, it will display "Successful in receiving fingerprint template" and the windows will close automatically.

3 • RECOGNITION PERFORMANCE & READER USAGE OF FINGERPRINT

APPROPRIATE HANDLING OF FINGERPRINT READER

Place your finger flat on the reader during enrollment and verification to reduce the False Rejection Rate (FRR). During both processes, you must place the finger's midpoint at the center of the reader's fingerprint sensor in order to maximize the area of the finger that touches the reader window. Pressure is applied evenly. Pressing either too hard or too soft will produce an unusable faint scan. Do not "roll" your finger. To complete the fingerprint scanning, hold your finger on the sensor until the reader's light is blinking. This may take a longer time if your skin is dry. When the light blinks and the fingerprint is captured, lift your finger. If the reader is capturing your fingerprint scan as indicated by the reader

blinks, but FingerTec software rejects it consistently, you may need to re-register that finger. Delete it first before you register again.

CLEANING THE READER

The condition of the reader's sensor affects the reader's ability to achieve a good quality scan of a fingerprint. Depending on the amount of users, the reader's sensor may need to be cleaned frequently. Apply the glutinous side of an adhesive cellophane tape on the sensor and peel it away. Under frequent usage, the sensor's coating may turn dull caused by the sodium in perspiration. In this case, gently wipe the window with a fabric dampened with mild ammonia-based glass cleaner. Don't use paper.

READER MAINTENANCE WARNINGS

- Do not shower the reader's sensor with glass cleaner.
- Do not apply alcohol-based cleaner.
- Do not submerge the reader in liquid.
- Do not rub the reader's window with rough material, including paper.
- Do not poke the sensor's coating with fingernail or any other sharp objects, such as a pen.

The fingerprint reader is meant for indoor home or office use only.