



## CONTENTS

### 3 CHAPTER 2 • WELCOME TO OFIS 2.0

### 4-11 CHAPTER 2 • INSTALLING OFIS

Understanding the OFIS Scanner Understanding OFIS Client OFIS Scanner Installation OFIS Client Installation Connecting OFIS Scanner Registering Fingerprint in OFIS Verifying Fingerprint in OFIS

#### 12 CHAPTER 3 • IMPORTANT PRODUCT INFORMATION GUIDE

# 1 • WELCOME TO OFIS 2.0

OFIS or Online Fingerprint Identification System is a simple desktop tool for system integrators to employ fingerprint data for usage in their developed applications.

This user guide provides detailed instructions on how to operate OFIS successfully.

### **OFIS MANUAL ONLINE**

Get a copy of OFIS Manual online at http://tips.fingertec.com

### **OFIS WEBSITE/RESOURCE CENTER**

Go to http://tips.fingertec.com for detailed information about OFIS

### **OFIS EMAIL SUPPORT**

Send your email to ofis@fingertec.com for a prompt response. Our system will respond to you within 12 hours.

### **OFIS FEEDBACK**

Information in this guide has been thoroughly reviewed and tested by FingerTec team of experts. If you find any errors or you have any suggestions for our improvements, please write an email to us at ofis@fingertec.com

### **OFIS EMAIL SUPPORT**

Please email your support questions to ofis@fingertec.com for a prompt reply.

# 2 • INSTALLING OFIS

Two parts of installation are required for OFIS and this chapter explains on how to install the scanner and the client in your computer.

### Understanding the OFIS Scanner

With the capture area of only 8.7 x 5.8 x 2.4cm, the OFIS Scanner is a small device to capture a fingerprint template via a desktop. It is compatible with USB1.0, 1.1 and 2.0 and it operates on MS Windows and Windows 7.

# **Understanding OFIS Client**

The OFIS Client allows identification and verification of fingerprint to be done remotely through Internet, Intranet, WAN, or LAN. There is no restriction of user capacity as all user information are stored in a PC or a server. Hence the total user capacity for OFIS depends on the hard drive capacity of the PC or the server. The OFIS Client also provides the following functions:

- FingerTec OFIS Scanner Initialization and threshold configuration.
- Export of fingerprint template into JPG & BMP format
- Import of fingerprint image into JPG & BMP to Fingerprint template.
- Return the Finger Index once the registration process is completed.
- Fingerprint template's encrypt and decrypt function. It uses the blowfish algorithm.
- Multiple finger enrollment at one time.
- Supports the New FingerTec OFIS Scanner.

## **OFIS Scanner Installation**

1. Run the minidisk provided in the OFIS package



2. The OFIS Scanner driver is available in FingerTec\_OFIS\_Scanner Folder.

🔆 Favorites	Name	Date modified	Туре	Size	
E Desktop	Files Currently on the Disc (7)				
Downloads	FingerTec_Ofis_Scanner	11/22/2010 3:23 PM	File folder		
1 Recent Places	Sample Application	11/22/2010 3:23 PM	File folder		
	Sample Source Code	11/22/2010 3:23 PM	File folder		
Jubraries	User Manual	11/22/2010 3:23 PM	File folder		
Documents	OFIS Client 2.0.7 Setup	7/8/2010 1:54 PM	Application	5,276 KB	
J Music	1 OFIS Client 2.0.7	7/8/2010 1:59 PM	Windows Installer	1,625 KB	
Pictures	Readme	3/29/2010 10:44 AM	Text Document	3 KB	
Videos	Files Ready to Be Written to the Dis	sc (1)			
Computer	desktop	11/1/2011 10:18 AM	Configuration sett	1.68	
Local Disk (C:)					
G Local Disk (Dt)					
DVD RW Drive (E) O					
🗣 Network					

3. Inside the folder, you will find the FingerTec OFIS Scanner Software 2.1 setup.exe file. Run the file.

Organize - Burn to dis	ic .			i= • 🖬	1
🖈 Favorites	Name	Date modified	Туре	Size	
Nesktop	<ul> <li>Files Currently on the Disc (1)</li> </ul>				
Downloads	B FingerTec OFIS Scanner Driver 2.1	3/25/2010 10:59 PM	Application	5,112 KB	
Recent Places	Beneral Contract of the Contra				
🙀 Libraries					
Documents					
a Music					
Pictures					
Videos					
Computer					
Local Disk (C:)					
👝 Local Disk (D:)					
E DVD RW Drive (E) O					
Wetwork					

4. The installation process will begin.



5. Follow the installation steps to complete the installation.

Financia OFIC Com		
Fingeriec OFIS Scan	ner Software 2.1 Setup	
	Step	
	Select Components Which components should be installed?	
	Select the comparents you used to install, dear the companents you do not work to result. Code Next when you are ready to continue.	
	Minutalation *	
	2 theters 200 97 (2003 faits from	
	Current selection recurres at least 143 148 of daix space.	
	( Beck Next ) Carcel	
Setup- FrigarTec DTS Scatter Software 2.1 Setup		= 0 X
Elemente o Ele o en	0.4	
	ner Software 7.1 Setun	
FingerTec OFIS Scan	ner Software 2.1 Setup	
Fingeriec OFIS Scan	ner Software 2.1 Setup	
Fingerrec OFIS Scan	ner Software 2.1 Setup	
Finger lec OFIS Scan		
ringeriec Oris Scan	Since Tenner Tenner ut vis las notel from "to CPE Source Solven 1 Secure Tenner ut vis las notel from "to CPE Source Solven 1 Secure Tenner to CPE Solven 1 Secure Tenner to CP	
ringeriec Oris Scan	String: Tealing Parama and vela data, instali fogar fac OFE Scanner Schware 2 I Satar on Parama National String Scanner Schware 2 I Satar on Parama Scanner Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware Schware 2 I Satar on Parama Schware Sch	
ringeriec Oris Scan	Since Tenner Tenner ut vis las notel from "to CPE Source Solven 1 Secure Tenner ut vis las notel from "to CPE Source Solven 1 Secure Tenner to CPE Solven 1 Secure Tenner to CP	
ringeriec Oris Scan	String: Tealing Parama and vela data, instali fogar fac OFE Scanner Schware 2 I Satar on Parama National String Scanner Schware 2 I Satar on Parama Scanner Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware Schware 2 I Satar on Parama Schware Sch	
ringeriec Oris Scan	String: Tealing Parama and vela data, instali fogar fac OFE Scanner Schware 2 I Satar on Parama National String Scanner Schware 2 I Satar on Parama Scanner Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware Schware 2 I Satar on Parama Schware Sch	
ringeriec Oris Scan	String: Tealing Parama and vela data, instali fogar fac OFE Scanner Schware 2 I Satar on Parama National String Scanner Schware 2 I Satar on Parama Scanner Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware Schware 2 I Satar on Parama Schware Sch	
ringeriec Oris Scan	String: Tealing Parama and vela data, instali fogar fac OFE Scanner Schware 2 I Satar on Parama National String Scanner Schware 2 I Satar on Parama Scanner Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware Schware 2 I Satar on Parama Schware Sch	
ringeriec Oris Scan	String: Tealing Parama and vela data, instali fogar fac OFE Scanner Schware 2 I Satar on Parama National String Scanner Schware 2 I Satar on Parama Scanner Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware Schware 2 I Satar on Parama Schware Sch	
ringeriec Oris Scan	State         State           Variang         Read on state in Regar Tax OFFS Science 20 Server 20 Server 21 Server 21 Server 21 Server 20	
ringeriec Oris Scan	String: Tealing Parama and vela data, instali fogar fac OFE Scanner Schware 2 I Satar on Parama National String Scanner Schware 2 I Satar on Parama Scanner Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Scanner Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware 2 I Satar on Parama Schware Schware Schware Schware Schware 2 I Satar on Parama Schware Sch	

6. Restart the computer once the installation is completed.



# **OFIS Client Installation**

1. In the same minidisk, locate the file named OFIS Client 2.0.7 Setup.exe at the root directory of the CD-ROM

Organize • Burn to di				::::•	- 1,- 488 -	-
<ul> <li>Favorites</li> <li>Desktop</li> <li>Downloads</li> </ul>	Aame     Files Currently on the Disc (7)	Date modified	Туре	Size		
Recent Places	FingerTec_Ofis_Scanner	11/22/2010 3:23 PM 11/22/2010 3:23 PM	File folder File folder			
Libraries	<ul> <li>Sample Source Code</li> <li>User Manual</li> <li>OFIS Client 2.0.7 Setup</li> </ul>	11/22/2010 3:23 PM 11/22/2010 3:23 PM 7/8/2010 1:54 PM	File folder File folder Application	5.276 KB		
Music Pictures	15 <sup>1</sup> OFIS Client 2.0.7 Readme	7/8/2010 1:59 PM 3/29/2010 1:59 PM	Windows Installer Text Document	1,625 KB 3 KB		
Videos	· Files Ready to Be Written to the Di					
Computer Local Disk (C:) Local Disk (D:) DVD RW Drive (E:) 0	😰 desktop	11/1/2011 10:18 AM	Configuration sett	1 KB		
🗣 Network						

2. Run the file and the installation process will begin automatically.



- 0 Computer > DVD RW Drive (E) OFIS Client CD > €)® \* \*\* Organize \* Burn to disc H · E 0 Cia. + Favorites 83 B OFIS Client 2.0.7 - InstallShield Wizard E Desktop Downloads Recent Place InstallShield Wizard Completed The InstallShield Wizard has successfully installed OPIS Client **Libraries** 2.0.7. Click Finish to exit the wizard. Document 5,276 KB Music Bet ... 1,625 KB Pictures 3 108 Videos 1.68 Computer 100 Local Disk ( Ca Local Disk ( DVD RW Dri Network < Back Finish Cancel OFIS Client 2.0.7 Setup Date modified: 7/8/2010 1:54 PM Date created: 7/8/2010 1:54 PM 3 Application Size: 515 MB
- 3. Follow the installations until completion.

### **Connecting OFIS Scanner**

The OFIS Scanner links to a computer or a laptop through the USB Cable. Locate the USB port of your computer and plug in the OFIS Scanner. When you use the OFIS Scanner for the first time, the screen will prompt for the FingerTec OFIS Scanner Activation code. The activation code is located at the bottom of the FingerTec OFIS Scanner. Enter the activation code accordingly. You are now ready to use the OFIS Scanner.

# Registering a Fingerprint in OFIS

1. During the process of registering a fingerprint in OFIS, the registration user interface will appear and prompt the user to select a finger to be enrolled into the system. Select a finger to proceed.

NLINE FINGERPRINT IDENTIFICATION SYSTEM	
Please select finger	
nna nnn	
<b>√</b> 0K.	X Cancel

2. Follow the instructions and place the finger on the scanner 4 times to capture the fingerprint template.



3. Upon completion the user interface will prompt that the registration is successful.

## Verifying a Fingerprint in OFIS

1. During the process of verifying a fingerprint in OFIS, the verification user interface will appear and prompt the user to place the enrolled finger on the scanner.



2. The window will close automatically if the verification is successful.



# **3 • IMPORTANT PRODUCT INFORMATION GUIDE**

This Important Product Information Guide contains safety, handling and maintenance for the OFIS Scanner.

### IMPORTANT SAFETY AND HANDLING INFORMATION

WARNING: Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage to the OFIS Scanner or other property. FingerTec Worldwide Sdn. Bhd. will not be held accountable for any damage or injury caused by improper use of the OFIS scanner.

**HANDLING THE OFIS SCANNER:** The OFIS Scanner contains sensitive components. Do not drop, disassemble, microwave, burn, paint, or insert foreign objects into the OFIS Scanner. Do not use the OFIS Scanner if it has been damaged – for example, if the OFIS Scanner is cracked, punctured or damaged by water.

Place the finger flat on the reader when enrolling and verifying fingerprints. Apply the pressure evenly and hold the finger on the sensor until the capture is complete.

**KEEPING THE OFIS SCANNER CLEAN:** To achieve a good quality fingerprint scan, the OFIS Scanner's sensor will require frequent cleaning. Apply the glutinous side of a piece of adhesive cellophane tape on the sensor and peel it away repeatedly until the sensor is spotless. Do not spray or apply glass cleaner or alcoholbased cleaner onto the sensor.

**AVOIDING WATER AND WET LOCATIONS:** Do not expose the OFIS Scanner to water or rain or handle the OFIS Scanner near wet locations. Take care not to spill any food or liquid onto the OFIS Scanner. IN case the OFIS scanner gets wet, unplug the USB cable before cleaning, and allow it to dry completely before turning it on again. Do not attempt to dry the OFIS Scanner with an external heat source such as a microwave oven or hair dryer.

**REPAIRING AND MODIFYING THE OFIS SCANNER:** Never attempt to repair or modify the OFIS Scanner yourself. If the OFIS Scanner has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to an authorized FingerTec reseller for service. If you have questions, contact FingerTec or an authorized FingerTec reseller. For more information, go to: http://user.fingertec.com