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# STARWATCH FINGERPRINT ENROLLMENT PRO 2006<sup>TM</sup>

# **User Manual**

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Chapter

# **Installation Flow**

1. Install MSDE database software which is included in the CD. If you want to use MS-SQL database, install them on the server side computer.



3. Install STARWATCH FINGERPRINT ENROLLEMENT PRO 2006 Server software on the server side computer.

4. Install STARWATCH FINGERPRINT ENROLLEMENT PRO 2006 Client software on the client side computer if you need to install it.



# 2 Installation Environment

## STARWATCH FINGERPRINT ENROLLMENT PRO

### 2006<sup>™</sup> Introduction

This chapter explains STARWATCH FINGERPRINT ENROLLMENT PRO 2006<sup>™</sup> installation environment.

## STARWATCH FINGERPRINT ENROLLMENT PRO 2006<sup>™</sup> Installation Environment

Operating System

STARWATCH FINGERPRINT ENROLLMENT PRO 2006 <sup>™</sup> is a 32 bit Windows compatible software. It operates in Windows 2000 Professional, Server Edition and higher versions, along with Windows XP Home, Professional Edition and Windows 2003 server

### The STARWATCH FINGERPRINT ENROLLMENT PRO 2006<sup>™</sup> does not support Windows 95, ME, 98(SE) or NT 4.0.

It is recommended the STARWATCH FINGERPRINT ENROLLMENT PRO 2006<sup>™</sup> to be installed in Windows 2000 Professional or Windows XP Professional. These operating systems are powerful and stable for STARWATCH FINGERPRINT ENROLLMENT PRO 2006 operations.

**Recommended Computer Specification** 

- ✓ CPU: Pentium 4 or Higher
- ✓ Memory: 256 Mb or Higher
- ✓ HDD: 2 Gig or Higher
- ✓ Port: 2 serial port (Needs Multi Port card) or Higher
- ✓ Network: 1 Ethernet card
- ✓ OS: Microsoft Windows 2000 Professional or Windows XP Professional



### Chapter Installation

### STARWATCH FINGERPRINT ENROLLMENT PRO 2006<sup>™</sup> Installation

This chapter explains STARWATCH FINGERPRINT ENROLLMENT PRO 2006<sup>™</sup> installation.

#### Installation

Database

STARWATCH FINGERPRINT ENROLLMENT PRO 2006 needs Microsoft SQL Server database or MSDE database. You can install it depends on your environment. Now it will be explain MSDE installation method

In case of MSDE database there is no any management tool inside. Use MSDE management software or other tools (Third party software) in order to control the data base if necessary. For more information visit website(http://www.valesoftware.com/)

- 1) Choose "MSDE For STARWATCH" in STARWATCH iTDC PRO II CD. Run "Setup.exe" file. DevTools 📁 System 📁 System 32 📁 x86 a 0x0409, ini 👼 instmsia, exe 👼 instmsiw, exe 🛃 MSDE For STARWATCH, msi roadma tyt 🖾 setup, exe 🚽 Setup, ini
- 2) The window of MSDE installation will be showed as below. Click "Next" to process.





3) Click "Install" to start.



4) MSDE installation is to be processed as below. It may take some time depending on its system environment.



5) MSDE installation has completed as below.





The initial ID of MSDE is 'sa' and there is no initial password. ID and password will be asked during the data base connection

#### Hamster Device Driver Installation

- 1) Insert the installation CD in your CD-ROM drive and then move to Hamster Driver folder.
- 2) Click 'Setup.exe' in the Hamster Driver folder.
- 3) Click 'Next'.



4) Connect the Hamster device to the USB port on the PC and wait a moment.



nstallShield Wizard		×
	Device Status	
	Device : USB Fingkey Hamster (HFDU01)	
	Please connect the device.	
I alexa	If you do not want to connect the device, click the button of "Plug in Later". If the device is already connected, please read the installation guide carefully.	
USB		
InstallShield		
	Next > Plug in later	

5) When the device installation process is completed, a window will be displayed indication that 'The installation was completed successfully'. Click 'Next'

InstallShield Wizard	
4	Device Status
	Device : USB Fingkey Hamster (HFDU01)
	The installation was completed successfully.
InstallShield	Next >

6) Click 'Finish' at this time the installation process will be completed.

#### **Sever Software Installation**

1) Find the Setup.exe file in Install files folder of the software CD and select it to initialize its installation. As the following window shows on the screen, select "Next" in order to start the installation process.



STARWATCH ENROLLMENT	PRO 2006 - InstallShield Wizard	×
	Welcome to the InstallShield Wizard for STARWATCH ENROLLMENT PRO 2006	
	The InstallShield Wizard will install STARWATCH ENROLLMENT PRO 2006 on your computer. To continue, click Next.	
	< Back Next > Can	el

2) During the process it shows its status. Please wait.

STARWATCH ENROLLMENT PRO 2006 - InstallShield Wizard	×
Setup Status	
STARWATCH ENROLLMENT PRO 2006 is configuring your new software installation.	
Removing applications	
InstallShield	

3) If completed, it shows as below. To login database server, enter the database address (If you installed MSDE database on the same PC, just enter 'localhost' and just click Next button.



Input Connection	ntomation.	
SERVER	(local)	
DATABASE	Master	
USERID	SA	_
PASSWORD		_
stallShield		

4) If completed, it shows as below. Just click Finish button.

STARWATCH ENROLLMENT	PRO 2006 - InstallShield Wizard
	InstallShield Wizard Complete Setup has finished installing STARWATCH ENROLLMENT PRO 2006 on your computer.
	< <u>B</u> ack <b>[Finish</b> ] Cancel

#### **Client Software Installation**

1) Find the Setup.exe file in Install files folder of the software CD and select it to initialize its installation. As the following window shows on the screen, select "Next" in order to start the installation process.



🔀 STARWATCH ENROLLM	ENT PRO 2006-CLIENT InstallShield Wizard	×
	Welcome to the InstallShield Wizard for STARWATCH ENROLLMENT PRO 2006-CLIENT-	
	The InstallShield(R) Wizard will install STARWATCH ENROLLMENT PRO 2006-CLIENT- on your computer. To continue, click Next.	
2	WARNING: This program is protected by copyright law and international treaties.	
	< <u>B</u> ack <u>Next</u> Cancel	

2) Click Next button to proceed. If you want to change the folder, click Change button.



3) Click Install button to proceed.



🛃 STARWATCH ENROLLMENT PRO	0 2006-CLIENT InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation	n.	
Click Install to begin the installation.		
If you want to review or change any of exit the wizard.	f your installation settings, click Back. Click Cancel to	
InstallShield		
	< Back Install Cancel	

4) During the process it shows its status. Please wait.

🛃 STARW	ATCH ENROLLMENT PRO	2006-CLIENT-	InstallShiel	d Wizard 🗕 💷 🗙
<b>Installing</b> The prog	STARWATCH ENROLLMENT ram features you selected are	PRO 2006-CLIEN being installed.	Τ-	
	Please wait while the InstallS PRO 2006-CLIENT This may Status:	hield Wizard installs take several minute	STARWATCH EM	JROLLMENT
InstallShield –		< <u>B</u> ack	<u>N</u> ext >	Cancel

5) If completed, it shows as below. Just click Finish button.





# Chapter4Initial Setup

### STARWATCH FINGERPRINT ENROLLMENT PRO 2006<sup>™</sup> Initial Setup

This chapter explains basic setup, after installing application software



#### **Database Server Definition**

🚳 Datab	ase Server Definition		
D	atabase Server IP Adress/Name	211.232.76.39	
	Server User ID	sa	
	Server User Password	****	
	Connection Test		Save
Databas Databas Databas Databas Databas Databas	e Connection Test e Type : SQL Server e Connection Provider String : Dri e Server Name / IP Address : 211 e User ID : sa	ver={SQL Serve .232.76.39	r}
Databas	e Connecting		
Databas Conn Str Connect	e ing : Driver={SQL Server};Server= ing	211.232.76.39;	UID=sa;pwd=;data
r.			Close

- After installing application software
  - Install database of MSDE or of MS-SQL Server and STARWATCH FINGERPRINT ENROLLMENT PRO. If STARWATCH FINGERPRINT ENROLLMENT PRO runs first, it will be required to set up database server with displaying above figure automatically.
  - 2) Enter Database Server IP Address/Name. If database is installed in PC in which application software is installed, you may enter 'localhost'.
  - 3) Enter "Server User ID" and "Server User Password". Default Server User ID is "sa" and default Server User Password is none.
  - 4) Confirm to enter accurately "Database Server IP Address/Name", "Server User ID" and "Server User Password". After pressing "Connection Test" button, test whether it connects on database or not.
  - 5) If it fails to connect on database, you should confirm "Database Server IP Address/Name", "Server User ID" and "Server User Password".
- In case of changing "Database Setup"



1. Choose "Database Setup" of "Setup" menu.



2. After installing database first, change referring "Database Server Definition".

.ogin	
-	Login
	O Login ID admin Password
	Login End

- 1. If application software runs, Login window will be displayed. Default Login ID is "admin" and Password is none.
- 2. Click "Login" button.

#### Login User Management



Choose "Login User Management" of "Setup" menu.



ment	
n to register(or update) log <b>Delete</b>	gin ID
Name	
Administrator	
	Name Administrator

- Changing the Password
  - 1. Change the password of "admin" of which default Login ID. Default Login ID "admin" is no password.
  - 2. After clicking data on list, enter password on password field.
  - 3. Save clicking "Save" button.
- Adding New Login ID
  - 1. Enter "New Login ID" on Login ID field. Don't enter duplicate Login ID.
  - 2. Enter password on Password field.
  - 3. Enter personal name whose will use this Login ID.
  - 4. Save clicking "Save" button.



#### **Set Communication**

STARWATCH FINGERPRINT READER PRO V1.00.00 - [Communicaton List]							
Image: Constraint of the second sec	mit Receive E	]≽ ×it					
Sommunication Reader	Loop No	Loop Name	Loop Type	Baud Rate	Com Port	IP Address	Por

- Environment setting of serial communication
  - 6) Click 'Communication' item at left tree view.
  - 7) Move to registration window clicking 'New' icon.

🕷 ST/	ARWATCH	I FINGER	PRINT	READER PRO V	1.00.00		
🧕 Sys	stem					(	×
🈚 New	🦓 Save	) Delete	Transmi	t Receive E	3∕> xit	<ul> <li>Loop Name</li> <li>Enter loop name. Loop name can not be duplicated.</li> </ul>	
1	Communic	ation				Please make sure the name is unique.	
	Reader			Loop Name	First Communication loop		
±-58	User			Loop Type	Serial 🗸		
					Script Communication		
					Com Port COM1	×	
					Baud Rate 9600	✓	
				Remark	en a la la la la la		
				North Arts	This is serial communicati	on loop.	

- 8) Enter 'Loop Name'.
- 9) Select 'Loop Type' whether 'Serial' or 'TCP/IP'.



10) Select 'Com Port'. 'Com Port' usable set automatically on operating system.

Both COM1 and COM2 are usable generally. If you use other ports, you must confirm what

port set on operating system. Confirmation about Com Port can be possible as shown bellow.

Click 'System' icon moving Start next to Control Panel.

After selecting 'Hardware Tab', click 'Device Manager' icon.

Appearing bellow window, you should confirm number of Com Port.

🚇 Device Manager	
File Action View Help	
🗄 🥯 Disk drives	^
🗉 🧕 Display adapters	
🕀 🥝 DVD/CD-ROM drives	-
🗈 😁 Floppy disk controllers	
🕀 🤳 Floppy disk drives	
🕀 🖾 Human Interface Devices	
🕀 📹 IDE ATA/ATAPI controllers	
🗈 🦢 Keyboards	
• Mice and other pointing devices	
🕀 🧕 Monitors	
🗈 🕮 Network adapters	
🕀 🚱 Other devices	
🖻 🚽 Ports (COM & LPT)	
Communications Port (COM1)	
- Z Communications Port (COM2)	
Printer Port (LPT1)	
🖻 🐲 Processors	
E CSI and RAID controllers	
🕀 🧐 Sound, video and game controllers	
🕀 🦞 System devices	
🔃 🕰 Universal Serial Bus controllers	*

11) Select 'Baud Rate'.

#### \* Notice: 9600bps is default. Other baud rate is discouraged except 9600bps.

- 12) Enter 'Remark'.
- 13) Click 'Save' icon.
- Environment setting of TCP/IP communication
  - 1) Select 'Communication' item at left tree view.
  - 2) Move to registration window clicking 'New' icon.
  - 3) Enter 'Loop Name'.
  - 4) Select 'Loop Type' whether 'Serial' or 'TCP/IP'.



STARWATCH FINGERPRINT READ	DER PRO V1.00.00	
💺 System		_ 8 ×
New Save Delete Transmit Re	Ext Ext	
<ul> <li>Commerce and the second second</li></ul>	Loop Nome Second Communication Loop Loop Type TCP/IP TCP/IP Communication Loop IP Address 192.0.0.1 In the LAN converter For example, if you set IP 192.0.0.1 In the LAN converter Port No 5000 Remark This is TCP/IP communication loop.	ter's IP address. , you have to set IP 92.0.0.1 in this field.

- 5) Enter 'IP Address'. You should use 'IP Address' set in LAN converter.
- 6) Enter 'Port No'. You should use port set in LAN converter.
- 7) Enter 'Remark'.
- 8) Click 'Save' icon.



#### **Set Reader**

🝓 ST/	ARWATCH	H FINGER		READER PRO	V1.(	00.00 - [Reader	List]			
🍓 Sy:	stem									_ 8 ×
🍅 New	Save	ැ <del>ර</del> Delete	Transmi	it Receive	ی Exit					
🛨 🖥 If	you want t	o register r	new data,	click this butt		Reader Address	Reader Name	Reader Type	Registration Te	Operation Mode
	Reader									
÷- 🗣	User		,							
				L						
			,	-						
			,							
				I						
			,	L						
				I						
<u> </u>				1	_			 		

- 7) Select 'Reader' at left tree view.
- 8) Move to registration window clicking 'New' icon.

STARWATCH FINGERPRINT REAL	DER PRO V1.00.00	
System		_ 8 ×
🎲 🥥 🖮 🚔 New Save Delete Transmit Re	ැඩු බා eceive Exit	
Image: Second	Loop Name iader Address Reader Type F6R006(EX) Reader Type F6R006(EX) Reader Name Registration Reader Registration Reader Registration Reader Registration Remaind (If you check this option) FGR006(EX, SP) Optione Operation Ref+FTNGEF Fingerprint Identification ENABLE Output Mode 268IT WIT Adaptive Mode ENABLE Remark	want to use registration terminal.

- 9) Select 'Loop Name'.
- 10) Select 'Reader Address'.



11) Enter 'Reader Type'.

According to reader classes, you should select one among FGR006(EX), FGR006SR,

FINGER006(EX) and FINGER006SR.

- 12) Enter 'Reader Name'.
- 13) Select 'Registration Terminal' check box. Set this option about reader used as default register.

Although many readers are installed, default register have set the only one.

- 14) You should set 'FGR006 (EX, SR) Options'. The contents of 'FGR006(EX, SR) Options' are same as shown bellow. You set whether each option will be use or not.
- 15) Enter 'Remark'.
- 16) Click 'Save' icon.

After finishing setting communication and reader, you may finish STARWATCH FINGERPRINT ENROLLMENT PRO 2006. And then you execute again STARWATCH FINGERPRINT ENROLLMENT PRO 2006. Next you have to confirm whether both reader and communication will be normally operated.

#### **Communication Check**



1) Select 'Reader Management' on 'System' menu.



Reader Initialize   Master I Select reader to transmit date	D Change Reader Status fo	r checking com	munication	
<ul> <li>✓ 1-000</li> <li>1-001</li> <li>1-002</li> <li>2-000</li> <li>2-001</li> </ul>	Receive status o	f reader for c	hecking comm	unication
2-002	Reader Name	Model FGR6	Version 41	Status OK
Select All Clear A	II			

- 2) Select reader needed for checking communication at left list. (Several readers selectable)
- 3) Click 'Receive status of reader for checking communication' tab.
- 4) When communication becomes normally reader selected, 'Model', 'Version' and 'Status'

is showed. If all information is rightly displayed, communication may be normal.

Or 'Model' and 'Version' aren't showed. And 'Status' is displayed error.



### Chapter **User Registration**

### STARWATCH FINGERPRINT ENROLLMENT PRO **2006**<sup>™</sup>

### **User Registration**

5

This chapter explains that how to register fingerprint and user information.

**Registration Wizard with Fingerprint** 



If you want to register ID and fingerprint, you need to select 'ID Registration Wizard' on 'System' menu.

- In case of using FGR006(EX)
  - 1) Select FGR006(EX) as shown bellow and then click 'Next' button.

🗑 Wizard - Step 1	×
Step 1: Sclect device for regist If you have FGR006(EX) device for registration terms select it and click Next button • FCR006	inal
Hamater	
< Cancel < Back Next >	Finish



2) Enter ID(PIN), User Name and Password. After entering ID(PIN), User Name and Password, click 'Capture' button.

tep 2: Ente	er the user ID and name	and capture fingerprint	
(PIN)	12345678		
Jser Name	David		
assword	****	Fingerprint Quality Level	
	Capture		
	cuprure		
fo capture bliking, plac	your finger, click 'Capt se your finger on the se	ure' button. If the sensor is nsor	

3) If fingerprint scanner of FGR006EX flickers, it can recognize two series of fingerprint.

\* If you register your fingerprint, you can confirm fingerprint quality as shown below.

Finge	erprin	t Qua	ilty Le	evel-	
1	*	*	- 😂	\$3	
Wor	st(1) (	Good(3	3) Bes	st(5)	

Display "Fingerprint Quality Level" using from 1 to 5ea of star. As you get more stars, fingerprint data guarantees higher quality and success rate. If "Fingerprint Quality Level" is under 3 stars, recommend to use another finger except the one.

If 10 fingers are bad quality, recommend to register RF card or PIN mode without using fingerprint.

This function is only available if you are using FGR006 (EX) version more than 5.0. Less than 5.0, it doesn't work.

4) When message appears as below picture, click Yes or No button.



5) When message appears that 'Successfully captured fingerprint data', click 'OK' button.



6) Click 'Next' button and then move to Wizard - Step 3.



7) After selecting reader to transmit data, transmit fingerprint clicking 'Transmit fingerprint to selected readers' button.

Step 3: Select reader and the Select reader to transmit date	Transmit finger If you wa click this t	nsmit data to th int to transmit finge outton fingerprint to se	e selected readers erprint data to the selected	reader
FINGEER0065R	Transmission status Reader Name	ID	Status	
	<			>

- 8) Finish Wizard clicking 'Finish' button.
- In case of using Hamster
  - 1) Select Hamster as shown bellow and click 'Next' button.

tep 1: Select devic	se for registration terminal
	○ FGR006EX
Ĩ	Hamster      If you have Hamster device for registration termainal     set it and click Next button      Hemster

2) Enter ID(PIN), User Name and Password as shown bellow.

🐞 Wizard - Step 3	X
Step 2: Enter the ID, name and capture fingerprint	
ID(PIN) 12345678 User Name shindk Password ****	First Fingerprint Second Fingerprint
Capture To capturel your finger, click 'Capture' button If the sensor is bilking, place your finger on the sensor	Fingerprint Quality Level ★ ★ ☆ ☆ Worst(1) Good(3) Best(5)
< Cancel Sector	Next > Finish

3) If fingerprint scanner of Hamster flickers after clicking 'Capture' button, you should register two times continuously.



\* Caution: When you register fingerprint, you take off finger after registering first fingerprint. And then you register again the fingerprint.

\* If you register your fingerprint, you can confirm fingerprint quality as shown below.



Display "Fingerprint Quality Level" using from 1 to 5ea of star. As you get more stars, fingerprint data guarantees higher quality and success rate. If "Fingerprint Quality Level" is under 3 stars, recommend to use another finger except the one.

If 10 fingers are bad quality, recommend to register RF card or PIN mode without using fingerprint.

4) When message appears as below picture, click Yes or No button.

STARWA	TCH BIOMETRICS PRO
?	Do you want to save data?
	Yes No

5) When message appears that 'Successfully captured fingerprint data', click 'OK' button.

STARWA	TCH BIOMETRICS PRO
(į)	Successfully captured fingeprint data
	ОК

6) Move to next step clicking 'Next' button. After selecting reader to transmit data as shown bellow, you have to transmit clicking 'Transmit fingerprint to selected readers' button.

Step 3: Select reader and	transmit fingers () Tra If you we click this l	nsmit data to th ant to transmit fing button	e selected readers erprint data to the selected re	eader
FGR006	Transmission status	fingerprint to se	elected readers	
	Reader Name	ID	Status	
	5			

7) Finish Wizard clicking 'Finish' button.



#### User Registration without fingerprint (ID Only with FGR006)

Some among users don't use own fingerprint because of bad fingerprint status.

In this case, they can use registering only ID with FGR006,

Wishing to use without registering fingerprint, STARWATCH FINGERPRINT REASER PRO

V.1.00.00 registers user as shown bellow.

- 1) Select 'User' item at left tree view.
- 2) Move to registration window clicking 'New' icon.

STARWATCH FINGERPRINT	READER PRO V1.	00.00 - [User List]			
System					_ 8 ×
Image: Weight of the second	mit Receive	, t			
📧 🎂 Communication	ID(PIN)	User Name	Company	Department	Т
🛨 🛅 Reader	11111111	John'			
😑 💁 User	22222222	Ted'			
- 🙀 11111111-John	12121212	David'			
- 🚾 22222222-Ted	<b>4</b> 0123401234	Chris'			
- 🙀 12121212-David	<b>G</b> 0120120120	Jay'			
- 强 0123401234-Chris	3131313133	Tom'			
🙀 0120120120-Jay	111111111	Alex'			
313131333-Tom					
💁 111111111-Alex					

3) Enter 'ID(PIN)' at user registration window. ID(PIN) is necessarily used 8 digit or 10 digit.



	.a.	0		
Communication     Communication     Poder     User     User     111111111111111111111111111111111	ID(FIN) Uter Name Password	25500017 dan. *** Regraphed Teigen Intel Regeneration Second Regeneration	Solicit moder where you want to register V 1.000 V 3.001 V 3.001 D 000 D 000 D 000	
	Corpony Department Title Remark	Fingerprint Quality Lond Verset;1 Gookt3) Brett5) 2016;K V R40 V Rangger V Ryfingerprint is not good		

- 4) Enter 'User Name'.
- 5) Enter 'Password'.
- 6) Enter 'Company', 'Department', 'Title' and 'Remark'.
- 7) Click 'Save'.
- 8) Click 'Transmit data to selected readers' button to transmit saved information in equipment.

ID Transmission			
Select reader to transmit data	Transmit d	ata to selected re	aders
	Reader Name FGR006	ID 25500037	Status OK
	<		Close

- 9) Select reader to transmit data at left reader lists. Many readers are selectable.
- 10) Transmit data clicking 'Transmit data to selected readers'.

When you transmit data without registering fingerprint as above, FGR006 operates on ID only.





### **Batch Transmit and Receive Fingerprint Data**

This chapter explains that how to transmit all data to the reader and receive all data from the reader.



#### **Batch Transmit and Receive**

When information about all users saved on database become batch transmission to reader, you can transmit using 'Batch Transmit' function.

Also if STARWATCH FINGERPRINT ENROLLMENT PRO 2006 save on database by batch transmission to information(ID and fingerprint data) about all users registered in registration terminal, you use 'Batch

Receive' function.

Batch Transmit



1) Select 'ID Batch Transmit / Receive Wizard' on System menu.

🧕 Wizard - Step 1		X
Step 1: Select bate	i) Batch Transmit	
ļ	If you want to transmit all(ID and FINGERPRINT) data to reader(s) select this option	
📀 Batch	Transmit	
OBatch	Receive	
e	< Cancel < Back Next > Finis	:h

2) Click 'Next' icon after selecting 'Batch Transmit'.

튛 Wizard - Step 2					
Step 2:Select reader and transi	nit fing	data to the selecto ansmit fingerprint da	ed readers ita to the selected readers		
Select reader to transmit data					
	Reader Name	ID	Status		
	K Back	Next >	Einich		

- 3) Select reader to transmit at left reader lists. Many readers are selectable.
- 4) Transmit clicking 'Transmit fingerprint to selected readers' button.



\* Caution: Transmission time can be longer in accordance with data numbers saved

on database and reader numbers wished to transmit.

confirm to transmission situation as transmission status and wait until

finishing transmission.

- 5) Finishing transmission, click 'Finish' button.
- Batch Receive



1) Select 'ID Batch Transmit / Receive Wizard' on System menu.

Step 1: Select batch process type(Transmit or Receive)         If you want to receive all(ID and FINGERPRINT) data from the default registration termin select this option         Batch Receive         If you want to receive all(ID and FINGERPRINT) data from the default registration termin select this option         Batch Receive	
Batch Receive If you want to receive all(ID and FINGERPRINT) data from the default registration termin select this option      Batch Receive	
Batch Receive If you want to receive all(ID and FINGERPRINT) data from the default registration termin select this option Fatch Receive	
Batch Receive     If you want to receive all(ID and FINGERPRINT) data from the default registration termin     select this option     Batch Receive	
Batch Receive  If you want to receive all(ID and FINGERPRINT) data from the default registration termin select this option  Betch Receive	_
If you want to receive all(ID and FINGERPRINT) data from the default registration termin select this option	
botch Receive	al
Ø <b>fatch Reccive</b>	_
Contraction of Bank Maria a Similar	

2) Click 'Next' button after selecting 'Batch Receive'.

Step To receive all finge	gerprint from default re rprint data from the defau	egistration termina Ilt registration terminal,		×
Receive fingerprin	it from default registra	tion terminal		
Receiving status				
No. ID(PI	:N)			
_				
	< Cancel	< Back Ne	ext >	Finish

- 3) Click 'Receive fingerprint from default registration terminal' button.
- 4) In this case, STARWATCH FINGERPRINT ENROLLMENT PRO 2006 receives in a lump

reader's information set to Registration Terminal when registering reader.



\* Caution: The Receive Time is longer as fingerprint numbers registered on reader.

Confirm to receving situation as receiving status and wait until finishing

Receive.

5) If reciving is finished, you have to click 'Finish' button.

# 7 Reader Management

### **STARWATCH FINGERPRINT ENROLLMENT PRO** 2006<sup>™</sup> Reader Management

This chapter explains that how to initialize reader and change master ID.



#### **Reader Initialization**



1) Select 'Reader Management' on System menu.

STARWATCH FINGERPR	NT READER PRO V1.00.00					
New Save Deter T	용 급 ① ansmit Ricelve Ext B Reader Management					
Reader           Im Febologie           User           Ititititi-John           Sizzizziz-Dewid           Izzizzizz-Dewid           Izzizzizz-Dewid           Izzizzizz-Dewid           Izzizzizz-Dewid           Izzizzizz-Dewid           Izzizzizz-Dewid           Izzizzizz-Dewid           Izzizzizz-Dewid           Ititititi-Nex	Reader Taritaliae Magter TD Charge Reader S					
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- 2) Select 'Reader Initialize' tab.
- 3) Select 'System Initialize' or 'ID Initialize'.
- 4) Initialize reader clicking 'Transmit' button.
  - \* Caution: In case of initialization, time is more and less longer as memory of fingerprint verification module. Generally initialization is needed 50 sec. Accordingly wait a moment until appearing completion message after clicking 'Transmit' button.



#### **Master ID Change**



1) Select 'Reader Management' on System menu.

Reader Manag	ement				
Reader Initialize	Master ID Change	Reader Status for ch	ecking communicat	tion	
Select reader to tr	ransmit data	ID(PIN) 11111111	i Transmit	er ID, click this button.	
		Transmi	it		
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	Re	eader Name	TD	Status	
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				Close	

- 2) Select 'Master ID Change' tab.
- 3) Enter 'ID(PIN)'.
  - \* Caution: ID(PIN) must be entered one among user IDs registered already. Necessary

master ID is used with fingerprint. Therefore you should enter one among user

IDs registered already.

4) Transmit to reader clicking 'Transmit' button.





### STARWATCH FINGERPRINT ENROLLMENT PRO 2006<sup>™</sup> Data Export

This chapter explains that how to export exist data to the other files format like text and excel.

#### **Data Export**



1) Choose "Data Export" of "System" menu.



2) "Do you want to export user data to other system?" message appears. That is to ask about conversion into the other files format like text or excel files with passer information registered on STARWATCH FINGER-PRINT ENROLLMENT PRO. Click "Yes" button.



Save As					? 🔀
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My Computer	File name:	Sampel Text		~	Save
San	Save as type:	Text Files(*.txt)		~	Cancel

- 3) Choose "Text Files(\*.txt)" or "XML Files(\*.xml)" on "Save as type". And then do directory which will be saved file and enter "File name".
- 4) Complete "Data Export" clicking "Save" button.
- \* Export ID, name and password only among registered passer's information.

