

Storing a finger template on a Mifare card

This document explains the process for storing fingerprint templates on to a Mifare card.

1. Open the GuardPointPro.ini file.

Search {control & f] for BioStoreTemplateToCard

You will see the entry BioStoreTemplateToCard = 0

Change this to BioStoreTemplateToCard=1 and save

🔊 gdiplus.dll	30/05/2011 12:32	Application extens	1,607 KB
GuardPointPro.bak	22/12/2015 15:29	BAK File	19,901 KB
GuardPointPro.exe	07/01/2016 11:00	Application	19,905 KB
GuardPointPro.ini	02/03/2016 14:09	Configuration sett	11 KB
GuardPointPro.mdb	02/03/2016 14:17	Microsoft Access	51,852 KB
Senabiorenaing - 1			
DebugBIO = 0			
BioStoreTemplateToCard = 1			
BioEnrollmentDevice =			

2. Open GuardPointPro and locate the controller that has the biometric reader that will be used to store the fingerprints to the cards. Go to readers> Miscellaneous/badge format.

	Reader	- U ×
New Save Delete First Prev. Net	Downld. Search Print Close	
Select a reader : Rid 01 / Controller 001 Rid 02 / Controller 001 Rid 03 / Controller 001 Rid 04 / Controller 001	Miscellaneous/Badge format - Rdr01 / Controller 001 Unsuccessful attempts 99 Default transaction code 0 Reader Alarm Zone (F2) 0 Sec 0 Sec Min Door alarm buzzer Leave door relay open during all 'Door open time' Misc. 0 F1 3 Check connection	exadecimal
	Door control	
	Access mode	
	Miscellaneous/Badge format	

Make sure the badge format is set to HEXADECIMAL. Save any changes made



3. Go to the Fingerprint screen

Change the wiegand format to Custom HID 37 bits (ID 32 bits) and save

Check the reader is checked as an enrolment reader and is active.

g a finger template

You should also see the dialogue *All fingerprints will be stored on a smartcard only* Save any changes

	Reader – 🗆 🗙
New Save Delete First Prev. New	t Last Downld. Search Print Close
New Save Delete First Prev. Nex Select a reader : Rd01 / Controller 001 Rd02 / Controller 001 Rd02 / Controller 001 Rd02 / Controller 001 Rd02 / Controller 001 Rd04 / Controler 001 Rd04 / Controler 001 Rd04	t Last Downld. Search Print Close Finger Print - Rdr01 / Controller 001 Network Image: Controller 001 Unit address Image: Controller 001 I3158 Get Address Image: Controller 001 Viegand format Image: Controller 001 Image: Controller 001 Viegand format Image: Controller 001 Image: Controller 001 Unit address Image: Controller 001 Image: Controller 001 Viegand format Image: Controller 001
	General
	Door control
	Access mode Miscellaneous (Padge format
	Finger Print

The bioreader is now configured to store templates on a mifare smartcard



Enrolling a user and saving their fingerprint to a card

a finger templat

Open the cardholder screen, register a new cardholder and assign the cardholder a badge.
 Click the biometrics data button to open the biometrics screen.

Ensure you have the correct enrolment readers selected from the top of the screen

Finger enrollment reader	Smart card enrollment reader	
Rdr01 / Controller 001	Rdr01 / Controller 001	-

- 2. Click *Check card*. You will be prompted to present the smartcard to the bio reader, the bio reader will flash yellow. You will be informed if the card currently has any fingerprints stored.
- 3. Click *Delete*. This will format the card, again you will be prompted to present the card and the reader will flash yellow. This should be performed with all cards when enrolling.

-	Suprema	
Finger enrollment reader Rd:01 / Controller 001	Smart card enrollment reader Rdi01 / Controller 001	•
Enrol	Delete Check Card	
Card only (Bypass Card)	Save	



Storing a finger template on a Mifare card

Enrol a cardholders 2 fingerprints in the usual manner.
Once both fingerprints have been enrolled click save.
You will be prompted to present the card at the reader to store the templets to the card.
This will happen twice

A	Suprema -		×
Finger enrollment reader Rdi01 / Controller 001	Smart card enrollment reader Rd:01 / Controller 001	•]
Errol	Place Mifare card on device Delete Orieck Card		
Card only (Bypass Card)	Exit		
			-

After the second time you will see a message : Template stored to card was successful

Using the card

The process to use the card is as follows

Present the card > The bioreader will flash yellow > Present the finger > Access granted

02/03/16 14:21:03 Access Granted 'Test Tample on card ' From reader 'Rdr01 / Controller 001'