

# Biometrics

## 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*

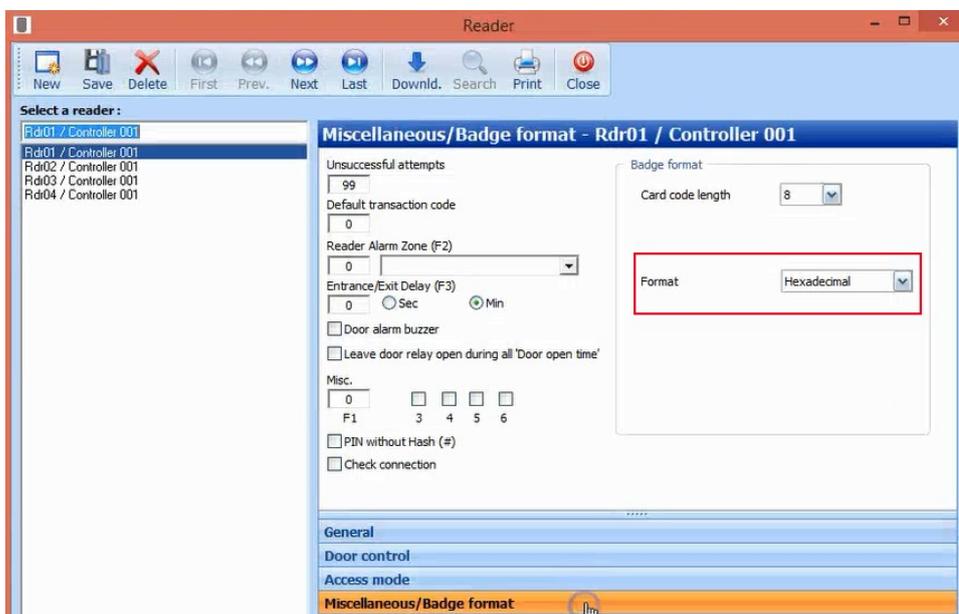
Change this to *BioStoreTemplateToCard=1* and save

gdipplus.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
<b>GuardPointPro.ini</b>	<b>02/03/2016 14:09</b>	<b>Configuration sett...</b>	<b>11 KB</b>
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.

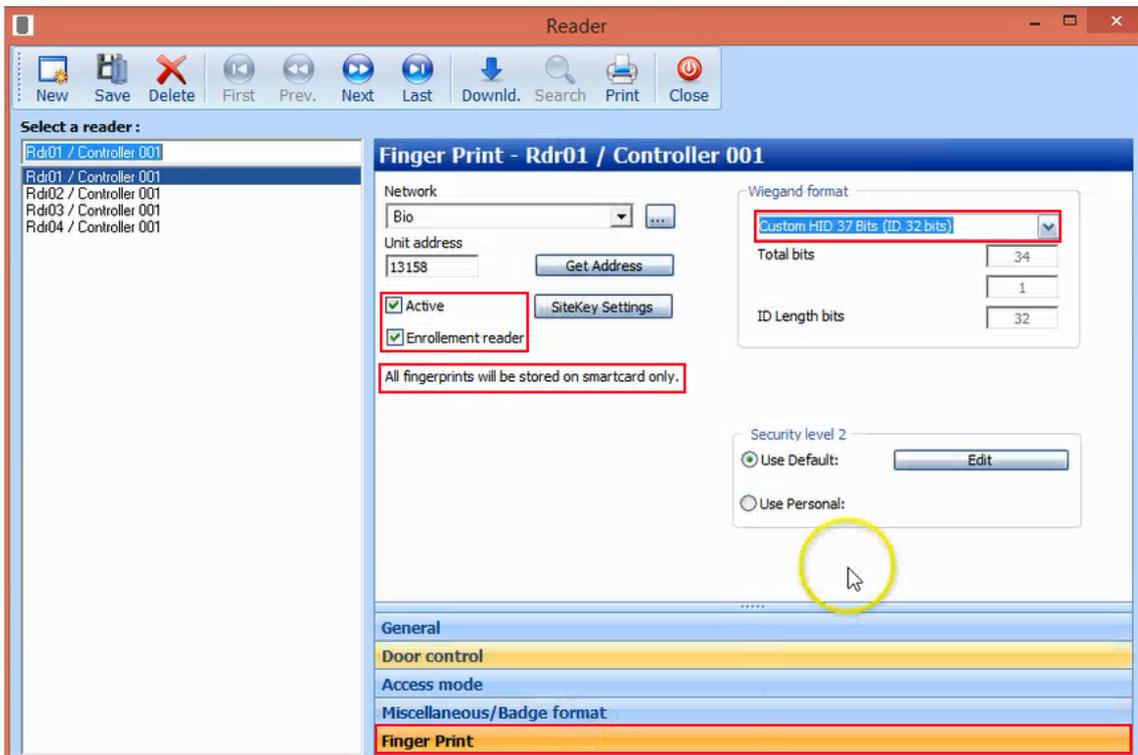
Make sure the badge format is set to HEXADECIMAL . Save any changes made



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



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

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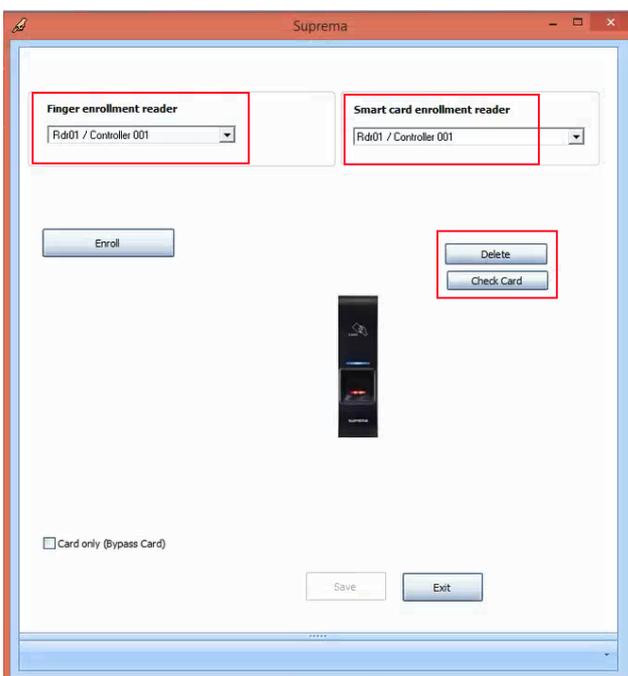
## Storing a finger template on a Mifare card

### Enrolling a user and saving their fingerprint to a card

1. 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



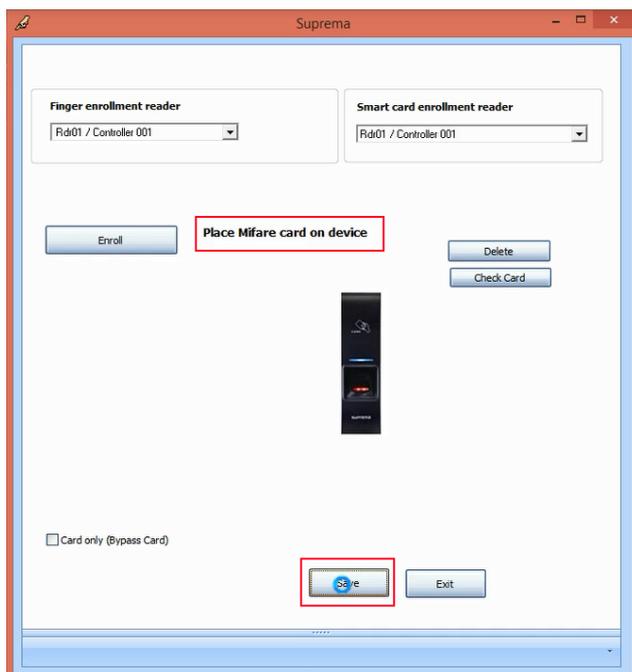
2. Click *Check card*. You will be prompted to present the smartcard to the bio reader, the bio reader will flash yellow. You will be informed if the card currently has any fingerprints stored.
3. Click *Delete*. This will format the card, again you will be prompted to present the card and the reader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



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## Storing a finger template on a Mifare card

4. 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 templates to the card.  
This will happen twice



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

