

# *How to use a Printed Iclass Card OR Finger OR Keypad(pin) for access*

Design for: Sigma Iclass and Sigma Lite Iclass Plus

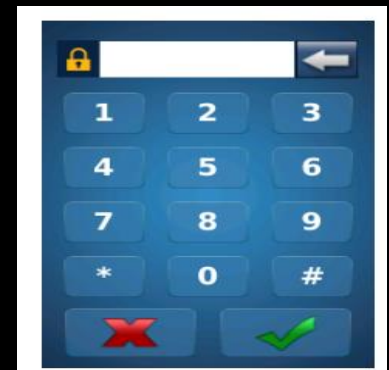
\* Some screen shots might differ\*



**OR**



**OR**



# Requirements

- You would need Morpho Manager software
- You would need a MSO to capture fingerprint enrollments
- You could use \*one access reader to capture fingerprints if you did not have a MSO (\*only Sigma products)





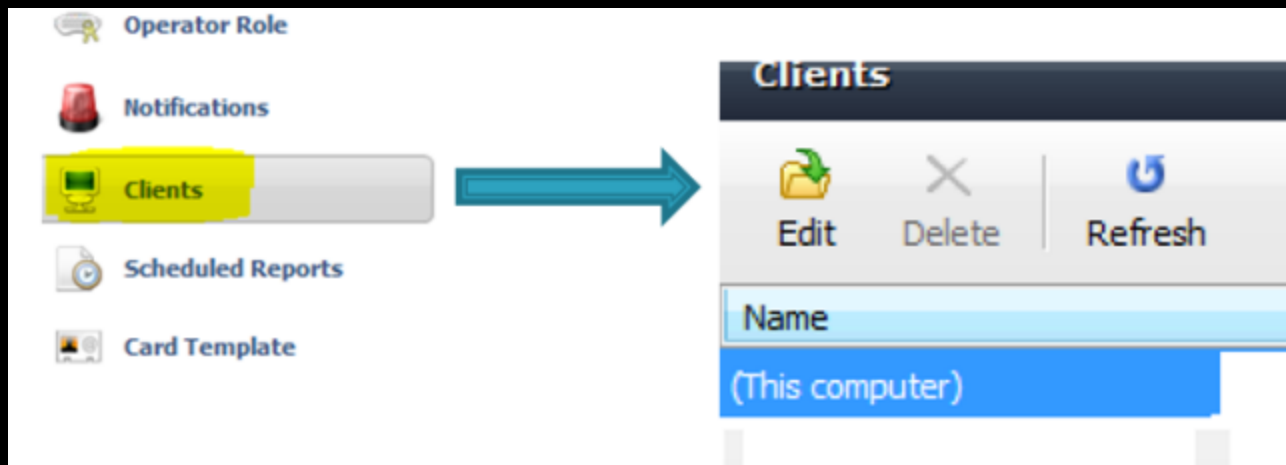
No MSO to capture fingerprints ?  
Use a Sigma and Sigma Lite for  
enrollment

(this option only available Morpho  
Manager 7.X.X and higher)

Follow the next few steps for  
configuration

# To use a Sigma product to capture fingerprints or obtain card data

- Path>Administration> Client>click (This computer) and Edit
- Click 5 times to where it says Enrollment Devices



# To use a Sigma product to capture fingerprints or obtain card data

- Click where it says Enrollment Devices



**Enrollment Devices**

|   |   |                                       |
|---|---|---------------------------------------|
| Morpho 3D Face enrollment:                  | <input type="text" value="None"/>                       |                                       |
| Morpho 3D Face enrollment biometric device: | <input type="text"/>                                    | <input type="button" value="Search"/> |
| Morpho Finger biometric enrollment:         | <input type="text" value="Selected MorphoAccess"/>      |                                       |
| Morpho Finger enrollment MorphoAccess:      | <input type="text" value="Sigma Iclass"/>               | <input type="button" value="Search"/> |
| Morpho Smartcard encoding:                  | <input type="text" value="Any PC/SC Smartcard reader"/> |                                       |
| Morpho Smartcard encoding PC/SC device:     | <input type="text"/>                                    |                                       |
| Morpho Smartcard encoding MorphoAccess:     | <input type="text"/>                                    | <input type="button" value="Search"/> |
| Key Policy:                                 | <input type="text" value="Default"/>                    |                                       |

# To use a Sigma product to capture fingerprints

Change Morpho Finger Biometric enrollment > Selected MorphoAccess and Search for your device that you want to use to capture fingerprints

**Enrollment Devices**

|   |                            |        |
|---|----------------------------|--------|
| Morpho 3D Face enrollment:                  | None                       |        |
| Morpho 3D Face enrollment biometric device: |                            | Search |
| Morpho Finger biometric enrollment:         | Selected MorphoAccess      |        |
| Morpho Finger enrollment MorphoAccess:      | Sigma Iclass               | Search |
| Morpho Smartcard encoding:                  | Any PC/SC Smartcard reader |        |
| Morpho Smartcard encoding PC/SC device:     |                            |        |
| Morpho Smartcard encoding MorphoAccess:     |                            | Search |
| Key Policy:                                 | Default                    |        |

Click Finish



# 1. *User Authentication Mode*

- Create a User Authentication
- Path>Administration>User Authentication Mode
- Designate the authentication mode you wish to utilize for user placed into this User Policy.

# User Authentication Mode

- Create a New User Authentication

Enter MA Sigma, MA Sigma Lite, MA Sigma Lite+, MorphoWave Mode details for this User Authentication Mode

MA Sigma, MA Sigma Lite, MA Sigma Lite+, MorphoWave Mode:  ← Enabled

MA Sigma, MA Sigma Lite, MA Sigma Lite+, MorphoWave Settings

Download Identifier To Device:

Encode To Smartcard Mode:

Template Location:

Pin Location:

Allow Start By Biometric:

Allow Start By Contactless Card:

Allow Start By Keyboard:

Allow Start By Wiegand In:

Require Pin:

Require Template Match:

Download to Device

Check  
Check

Click Finish





## *2. User Policy*

- Create new User Policy
- Select the User Policy that this user will belong to. This is an important selection, as the policy will determine Biometric Device access and other access control and time & attendance settings.

# User Policy

Name it

Enter the details for this User Policy

Name:

Description:

Access Mode:  All Biometric  Allow M...

Time Mask Mode:

Extended User Details:  Display extended user details

Wiegand Profile:

User Authentication Mode:

Wave Enrollment Minimum Hands:

Finger Biometric Enrollment Minimum Fingers:

Preferred Finger One:

Preferred Finger Two:

Preferred Duress Finger:

Show Photo Capture Page:

Show Wave Biometric Capture Page:

Show Finger Biometric Capture Page:  (User Authentication Mode requires templates)

Wiegand Profile: Use the Card format in this section.

Use the Authentication Mode you created earlier

Click Finish



### ***3. Biometric Device Profile***

- Path Administration>Biometric Device Profile
- The Biometric Device Profile will define common settings and parameters for one or more biometric devices. This profile can be applied when adding units into the system from the Biometric Device section of Administration.

# Biometric Device Profile

## Biometric Device Settings

### General Settings

Wiegand Profile:



Standard 26 bit - HID PACS

Language:

English

Key Policy:

Default

### Biometric Threshold Settings

Biometric Threshold:

Recommended

MorphoAccess Vein Print Mode:

Vein and Fingerprint

MorphoAccess Fingerprint Threshold:

3

Morpho 3D Face Identification Threshold:

Medium

Morpho 3D Face Verification Threshold:

Low

Wiegand Profile: Use Standard 26 or 35 bit HID PACS depending on card format, other formats can be created.

Click Finish




## **4. *User Management***

- Users are people who will have their biometric data sent to the selected Biometric Device for identification purposes for either access control or time and attendance.

# User Management

- Assign your user Policy



Enter details for this User

|                |   |
|----------------|---|
| User Policy:   | <input type="text" value="Idclass or finger or Pin"/> |
| First Name:    | <input type="text" value="Joe"/>                      |
| Middle Name:   | <input type="text"/>                                  |
| Last Name:     | <input type="text" value="Smith"/>                    |
| Date of Birth: | <input type="text"/> Use M/d/yyyy eg. 3/24/1986.      |

# *User Management*

- At this stage type in the number of the printed card number.
- User ID is your Keypad or Pin number



Wiegand Values

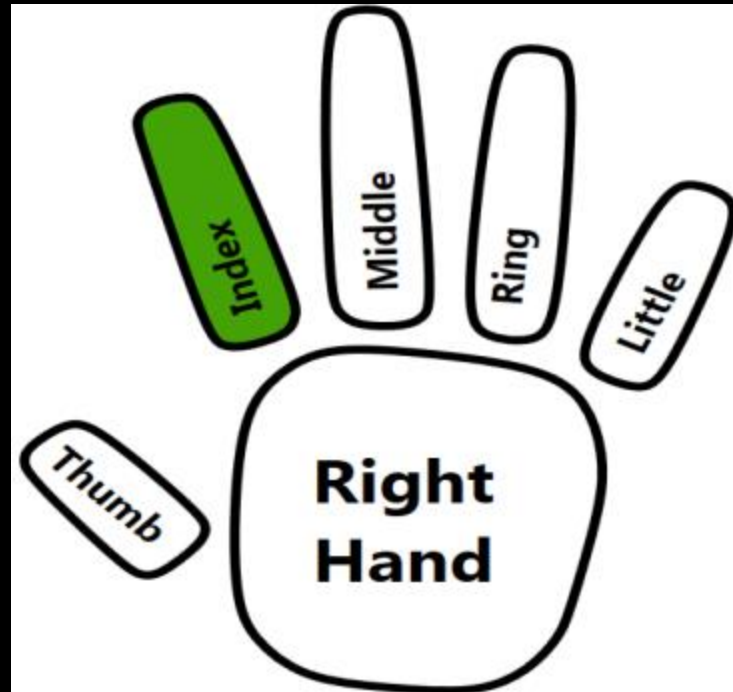
User ID

A red arrow points from the bottom of the 'User ID' field towards the text 'The User ID will be sent to your Access Control Panel (if using ACP)' in the green box below.

The User ID will be sent to your Access Control Panel  
(if using ACP)

# *User Management*


- Capture your fingerprints (two fingers mandatory) Use a MSO 300, MSO I300, MSO VP or a Sigma Reader



Click Finish



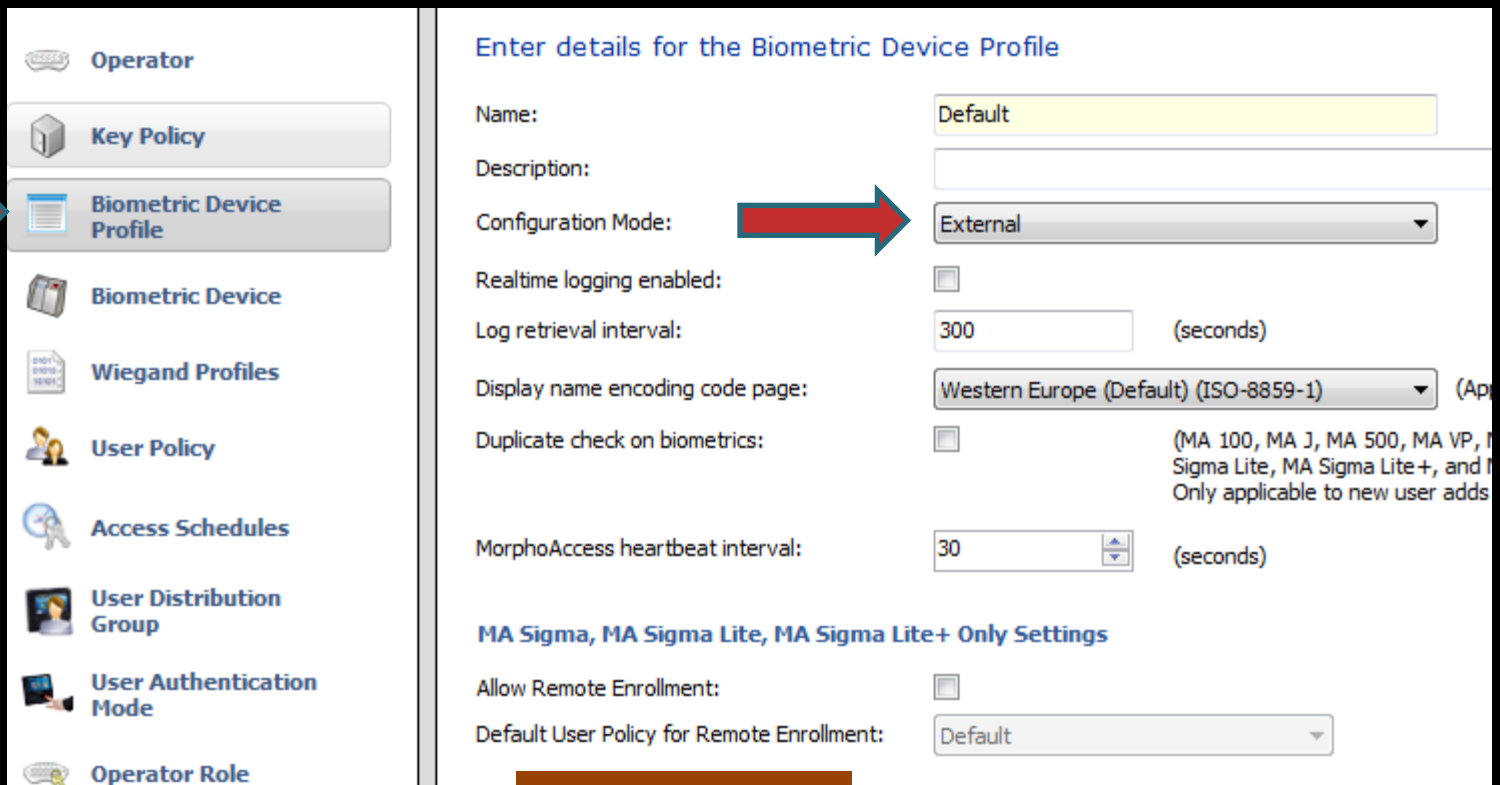
# *Last Step using Morpho Tool Box*

- You can get Morpho Tool Box from here
- <http://service.morphotrak.com/software-links.html>
- You would require to change the following keys   
**ucc.trigger\_event to 7**
- **ucc.per\_user\_rules to 0**
- This will allow you to have Printed Iclass card OR Finger OR Keypad(pin) for access

|   |                    |   |                                |   |
|---|--------------------|---|--------------------------------|---|
|    | ucc.trigger_event  | 7 | <input type="text" value="7"/> |    |
|  | ucc.per_user_rules | 0 | <input type="text" value="0"/> |  |

# *Under Biometric Device Profile*

- After you make the change in Morpho Tool Box we suggest to change the Configuration Mode to External



Operator

Key Policy

**Biometric Device Profile**

Biometric Device

Wiegand Profiles

User Policy

Access Schedules

User Distribution Group

User Authentication Mode

Operator Role

### Enter details for the Biometric Device Profile

Name: Default

Description:

Configuration Mode: External

Realtime logging enabled:

Log retrieval interval: 300 (seconds)

Display name encoding code page: Western Europe (Default) (ISO-8859-1) (Ap

Duplicate check on biometrics:  (MA 100, MA J, MA 500, MA VP, MA Sigma Lite, MA Sigma Lite+, and MA Sigma Lite+ Only applicable to new user additions)

MorphoAccess heartbeat interval: 30 (seconds)

#### MA Sigma, MA Sigma Lite, MA Sigma Lite+ Only Settings

Allow Remote Enrollment:

Default User Policy for Remote Enrollment: Default

Click Finish



# Website

- Please visit our website, [Service.morphotrak.com](http://Service.morphotrak.com) for software, firmware, videos and PDF's.