

How to enroll with Mifare card only access



Design for: Sigma Multi and Sigma Lite Multi

They might be some difference in screen shots to your current version of
Software

Requirements

- Morpho manager software
(<http://service.morphotrak.com/software-links.html>)
- You need a Omnikey , to encode onto your Mifare Card
- Omnikey 5021 CL or
- Omnikey 5321



Step One

- Step One

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

1-User Authentication Mode

Create a New User Authentication

The screenshot shows a configuration page for '1-User Authentication Mode'. On the left is a navigation menu with the following items: Operator, Key Policy, Biometric Device Profile, Biometric Device (highlighted with a yellow arrow), Wiegand Profiles, User Policy, Access Schedules, User Distribution Group, User Authentication Mode, and Operator Role. The main content area is titled 'Enter MA Sigma, MA Sigma Lite, MA Sigma Lite+, MorphoWave Mode details'. It features a dropdown menu for 'MA Sigma, MA Sigma Lite, MA Sigma Lite+, MorphoWave Mode' set to 'Enabled', with a yellow arrow pointing to it and a blue callout box labeled 'Enabled'. Below this is a section for 'MA Sigma, MA Sigma Lite, MA Sigma Lite+, MorphoWave Settings' containing several options: 'Download Identifier To Device' (checkbox), 'Encode To Smartcard Mode' (dropdown set to 'Allow And Prompt', with a yellow arrow pointing to it and a blue callout box labeled 'Allow and Prompt'), 'Template Location' (dropdown set to 'None'), 'Pin Location' (dropdown set to 'None'), 'Allow Start By Biometric' (checkbox), 'Allow Start By Contactless Card' (checkbox checked, with a yellow arrow pointing to it and a blue callout box labeled 'Check'), 'Allow Start By Keyboard' (checkbox), 'Allow Start By Wiegand In' (checkbox), 'Require Pin' (checkbox), and 'Require Template Match' (checkbox).

Click Finish

Step Two

- Step Two

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.

2-User Policy

The screenshot shows a configuration window for a user policy. On the left is a navigation pane with the following items: Operator, Key Policy, Biometric Device Profile, Biometric Device, Wiegand Profiles, **User Policy** (highlighted with a yellow arrow), Access Schedules, User Distribution Group, User Authentication Mode, Operator Role, Notifications, Clients, and Scheduled Reports. The main area is titled "Enter the details for this User Policy" and contains the following fields:

- Name: Mifare only (highlighted with a yellow arrow and a blue callout box "Name it")
- Description: (empty)
- All Biometric Devices and Clients (dropdown menu)
- Allow MA 500 database selection during user enrollment (checkbox, unchecked)
- 24 hours, 7 days a week (dropdown menu)
- Display extended user details (checkbox, unchecked)
- Wiegand Profile: Standard 26 bit (dropdown menu, highlighted with a yellow arrow and a blue callout box "Select the Wiegand Profile you wish to use for users in this User Policy.")
- User Authentication Mode: Mifare only (dropdown menu)
- Wave Enrollment Minimum Hands: None (dropdown menu)
- Finger Biometric Enrollment Minimum Fingers: None (dropdown menu, highlighted with a yellow arrow and a blue callout box "Select None for Minimum Fingers")
- Preferred Finger One: Left Index Finger (dropdown menu)
- Preferred Finger Two: Right Index Finger (dropdown menu)
- Preferred Duress Finger: Left Middle Finger (dropdown menu)
- Show Photo Capture Page:
- Show Wave Biometric Capture Page:
- Show Finger Biometric Capture Page:

At the bottom of the window are four buttons: Back, Next, Finish (with a green checkmark), and Cancel (with a red X).

Click Finish

Step Three

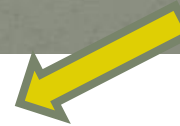
- Step Three

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.

3-Biometric Device Profile

Name it



Operator

Key Policy

Biometric Device Profile

Biometric Device

Wiegand Profiles

User Policy

Access Schedules

User Distribution Group

User Authentication Mode

Enter details for the Biometric Device Profile

Name:

Description:

Configuration Mode:

Realtime logging enabled:

Log retrieval interval: (seconds)

Display name encoding code page: (Applicable to MA500 series only)

Duplicate check on biometrics: (MA 100, MA J, MA 500, MA VP, MA Sigma, MA Sigma Lite, MA Sigma Lite+, and MorphoWave only. Only applicable to new user adds or rebuild)

MorphoAccess heartbeat interval: (seconds)

Key Policy:

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

Click Next

3-Biometric Device Profile

Select the Wiegand Profile to be utilized on the Biometric Device.

Biometric Device Settings

General Settings

Wiegand Profile:

Standard 26 bit

Language:

English

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

Click Next

3-Biometric Device Profile

Multi-Factor Mode Settings

Multi-Factor Mode:

Contactless Smart Card Mode:

Morpho 3D Face Multi-Factor Mode

Mode:

MorphoAccess 100, 500, J, VP Multi-Factor Mode

Mode:

MA SIGMA, MA SIGMA Lite, MA Sigma Lite+ Multi-Factor Modes

Biometric:

Proximity Card:

Wiegand In:

Keypad:

HID iClass:

Mifare Classic:

Mifare DESFire:

Mifare DESFire EV1:

Select Mifare Classic



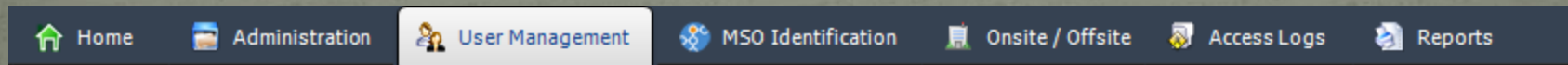
Click Finish

Step Four

- Step four


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.
- Go to User Management



4-User Management

- Assign your user Policy



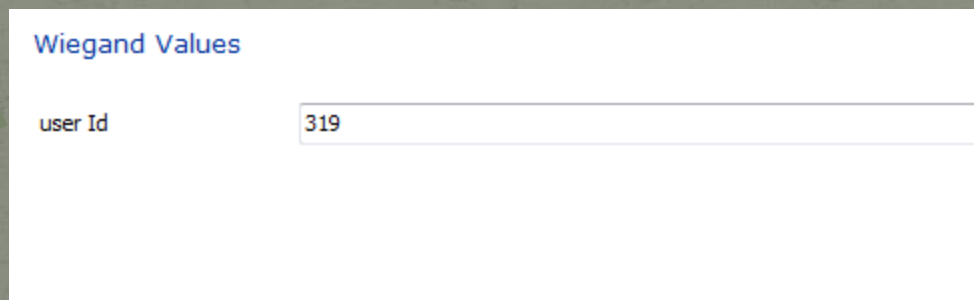
Enter details for this User

User Policy:	<input type="text" value="Mifare only"/>
First Name:	<input type="text" value="John"/>
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.

4-User Management

- The User Id could be the card number or it could be a number you want to associate with this User.
- The User ID number has to fit within your wiegand structure(if using ACP)



Wiegand Values

user Id	<input type="text" value="319"/>
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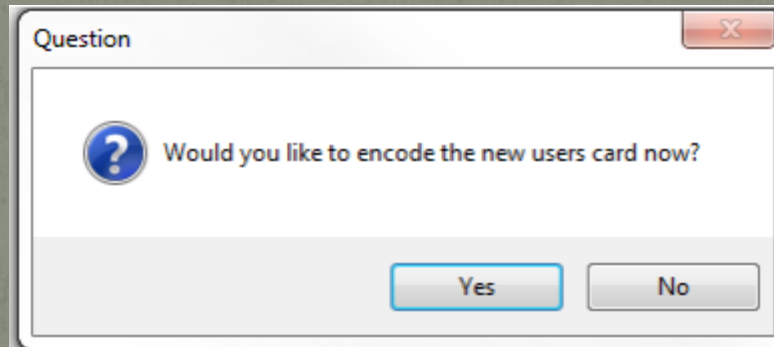
A screenshot of a web form titled "Wiegand Values". It contains a single row with the label "user Id" and a text input field containing the number "319". A yellow arrow points from the left towards the input field.

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

Click Finish

4-User Management

- It will prompt you to encode the card, say yes
- Place your card on the Omnikey or Sigma



Your done

• *Advance Users*


- *You need a device to encode the cards*
- *Instructions if has No Omnikey*
- *Instructions if you do have an Omnikey*



- ****Morpho Manager Client ****
- Path>Administration> Client>click (This computer) and Edit
- Click next 5 times till you get to Enrollment devices



- ****Morpho Manager Client ****
- Hit Next until you get to the screen that 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="Any MorphoSmart"/>	
Morpho Finger enrollment MorphoAccess:	<input type="text"/>	<input type="button" value="Search"/>
Morpho Smartcard encoding:	<input type="text" value="Selected 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"/>	

- *****Has no Omnikey*****
- Use a Sigma/Lite to Encode

Change Morpho Smartcard Encoding>Selected MorphoAccess and Search for your device that you want to use to encode cards

Enrollment Devices

Morpho 3D Face enrollment:	None	
Morpho 3D Face enrollment biometric device:		Search
Morpho Finger biometric enrollment:	Any MorphoSmart	
Morpho Finger enrollment MorphoAccess:		Search
Morpho Smartcard encoding:	Selected MorphoAccess	
Morpho Smartcard encoding PC/SC device:		
Morpho Smartcard encoding MorphoAccess:	Sigma Multi	Search
Key Policy:	Default	

Click Finish

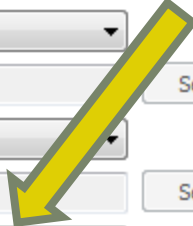
- *****Has a Omnikey*****

- Use an Omnikey to Encode

Change Morpho Smartcard Encoding>
Selected PC/SC Smartcard reader>
Morpho Smartcard encoding PC/SC to
the Omnikey to encode cards

Enrollment Devices

Morpho 3D Face enrollment:	<input type="text" value="None"/>	<input type="button" value="Search"/>
Morpho 3D Face enrollment biometric device:	<input type="text"/>	<input type="button" value="Search"/>
Morpho Finger biometric enrollment:	<input type="text" value="Any MorphoSmart"/>	<input type="button" value="Search"/>
Morpho Finger enrollment MorphoAccess:	<input type="text"/>	<input type="button" value="Search"/>
Morpho Smartcard encoding:	<input type="text" value="Selected PC/SC Smartcard reader"/>	<input type="button" value="Search"/>
Morpho Smartcard encoding PC/SC device:	<input type="text" value="CardMan 5x21-CL OKCM00316121"/>	<input type="button" value="Search"/>
Morpho Smartcard encoding MorphoAccess:	<input type="text"/>	<input type="button" value="Search"/>
Key Policy:	<input type="text" value="Default"/>	



- ***Website***

- Please visit our website, Service.morphotrak.com for software, firmware, videos and PDF's.