

Prox Card and Pin with the MWC



and



STRONGLY ADVICE

IF UNFAMILIAR WITH THE MORPHOWAVE COMPACT?
PLEASE REVIEW PDF ON SIMPLE SET UP BEFORE HAND

[HTTP://SERVICE.MORPHOTRAK.COM/SUPPORT.HTML](http://service.morphotrak.com/support.html)

MorphoWave Compact

MorphoWave Compact Simple set up

ACRONYMS

MWC=MORPHO WAVE COMPACT

UP=USER POLICY

BDP=BIOMETRIC DEVICE PROFILE

MM=MORPHO MANAGER

MORPHOMANAGER DEFAULT LOG IN

USERNAME-ADMINISTRATOR

PASSWORD-PASSWORD

ADD AN BIOMETRIC DEVICE

Administration>Biometric Device

Biometric devices from three different hardware families can be added here; the MA 100, MA J, MA 500, and MA VP family, the MA Sigma, MA Sigma Lite And MA Sigma Lite + MA Sigma Extreme, the Morpho 3D Face, the MorphoWave Tower, MorphoWave Compact, and the Morpho Tablet Terminal.

ADD THE MWC AS THE EXAMPLE BELOW

Home Administration User Management Biometric Identification Access Logs Reports

Items

- Operator
- Key Policy
- Biometric Device Profile
- Biometric Device**
- Wiegand Profiles
- User Policy
- Access Schedules
- User Distribution Group
- User Authentication Mode
- Operator Role
- Notifications

Adding Biometric Device

Enter the details for this Biometric Device

Name: Morphowave Compact

Description:

Location:

Asset ID:

Export Value:

Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Hardware Family: MorphoWave Tower, MorphoWave Compact

Serial Number:

Hostname\IP Address: 192.168.1.10

Port: 11010

Biometric Device Profile: Default

Include in Time & Attendance Exports:

Change User Onsite / Offsite Status:

Onsite Key: No Key

Offsite Key: No Key

Finish

CLIENTS



Path Administration>Clients

Clients are computers that have the MorphoManager Client software installed and communicate with a MorphoManager server

Add your MWC to your Client

Operator

Key Policy

Biometric Device Profile

Biometric Device

Wiegand Profiles

User Policy

Access Schedules

User Distribution Group

User Authentication Mode

Operator Role

Notifications

Clients

Enter the details for this client

Name:

Description:

Location:

Click Next 3 Times

Search for your MWC under Contactless Enrollment

Enrollment Devices

3D Face Enrollment

Morpho 3D Face enrollment:

Morpho 3D Face enrollment biometric device:

Contact Enrollment

Morpho Finger biometric enrollment:

Morpho Finger enrollment MorphoAccess:

Contactless Enrollment

Morpho Contactless Finger biometric enrollment: 2

Morpho Contactless Finger enrollment MorphoAccess: ←

Smartcard Encoding

Morpho Smartcard encoding:

Morpho Smartcard encoding PC/SC device: 3

Morpho Smartcard encoding MorphoAccess:

Keys

Key Policy:

✓

Biometric Device Profile



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

CREATE OR EDIT THE BIOMETRIC DEVICE PROFILE

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:

Log retrieval Enabled:

Log retrieval interval: (seconds)

Duplicate check on biometrics: (Does not apply to Morpho 3D Face or MorphoTablet. Only applicable to new user adds or rebuild operations)

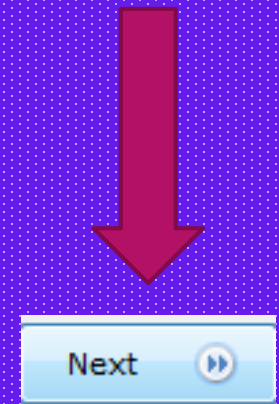
MorphoAccess heartbeat interval: (seconds)

Key Policy:

MA Sigma, MA Sigma Lite, MA Sigma Lite+, MA Sigma Extreme, MA Sigma VP Only Settings

Allow Remote Enrollment:

Default User Policy for Remote Enrollment:



Next



Biometric Device Profile

Biometric Device Settings

General Settings

Wiegand Profile: Standard 26 bit

Language: English

Realtime logging enabled:

Biometric Threshold Settings


Biometric Threshold: Recommended

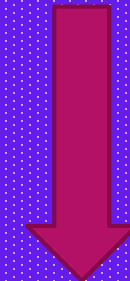
MorphoAccess Vein Print Mode: Universal Fast


MorphoAccess Fingerprint Threshold: 3

Morpho 3D Face Identification Threshold: Medium

Morpho 3D Face Verification Threshold: Low

 It is recommended the mode set in User Policy for enrollment should be the same mode or a more restrictive mode than the mode set in Biometric Device Profile. Using a less restrictive mode in User Policy than in Biometric Device Profile is likely to increase the False Rejection Rate (FRR) of biometric devices.



Next 

FOR THE WIEGAND PROFILE USE PROX CARD FORMAT, YOU MIGHT NEED TO CREATE A FORMAT IF NOT IN THE DROP DOWN LIST FOR YOUR CARD FORMAT (MORE EXPLANATION NEXT PAGE)

Wiegand

The goal is to get the MWC to read the Prox card number off the card

MM has multiple formats

If your card is not listed you would need to pre-create that format first

You would need to know the full structure of that format as well

You can look at the examples of the other Wiegand formats>
under Wiegand Profiles to guide you

Biometric Device Profile

Multi-Factor Mode Settings

Multi-Factor Mode: ←

Contactless Smart Card Mode:

Morpho 3D Face Multi-Factor Mode


Mode:

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

Mode:

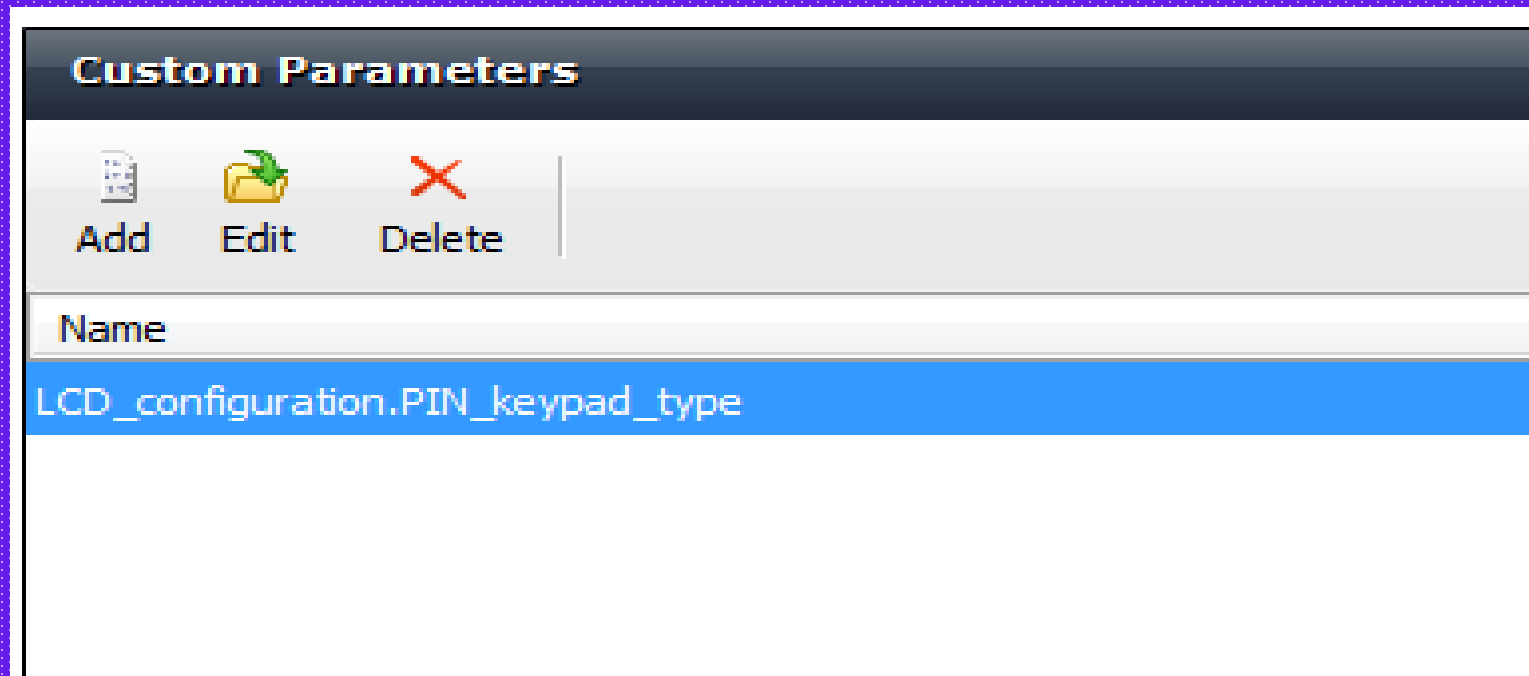
MA Sigma, MA Sigma Lite, MA Sigma Lite+, MA Sigma Extreme, MA Sigma VP and MorphoWave Multi-Factor Modes

Biometric:	<input type="checkbox"/>	Mifare Classic:	<input type="checkbox"/>
Proximity Card:	<input checked="" type="checkbox"/>	Mifare DESFire 3DES:	<input type="checkbox"/>
Wiegand In:	<input type="checkbox"/>	Mifare DESFire AES:	<input type="checkbox"/>
Clock and Data In:	<input type="checkbox"/>	Keypad:	<input type="checkbox"/>
HID iClass:	<input type="checkbox"/>		
HID iClass SEOS:	<input type="checkbox"/>		

Next 

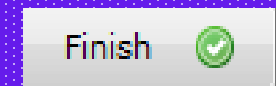
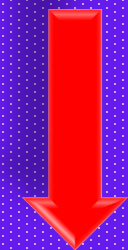
SET THE MULTI-FACTOR MODE SETTINGS TO PROXIMITY CARD

Biometric Device Profile

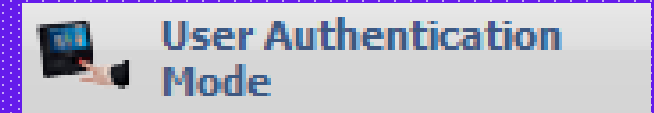


**CLICK NEXT SEVERAL TIMES TILL YOU GET TO CUSTOM PARAMETERS
ADD THIS PARAMETERS EXACTLY AS SHOWN, CASE SENSITIVE**

**LCD_CONFIGURATION.PIN_KEYPAD_TYPE
VALUE=1**



USER AUTHENTICATION MODE



Path Administration>User Authentication Mode(s)

Create new User Authentication Mode(s)

User Authentication Mode(s) will set which authentication triggers will be utilized by users. The parameters are designated here and then a specific User Authentication Mode will be chosen as part of a User Policy. Users added to the system will have their authentication triggers governed by the User Authentication Mode portion of the User Policy they are placed in.

User Authentication Mode

- Operator
- Key Policy
- Biometric Device Profile
- Biometric Device
- Wiegand Profiles
- User Policy
- Access Schedules
- User Distribution Group
- User Authentication Mode**


Enter details for this User Authentication Mode

Name:


Description:

MA 100, MA J, MA 500, and MA VP Mode:

Morpho 3D Face Mode:

 Smartcard encoding will prefer the MA Sigma settings over MA 100, MA J, MA 500, and MA VP mode settings.

CREATE A NEW USER AUTHENTICATION MODE

Next 

User Authentication Mode

MA Sigma, MA Sigma Lite, MA Sigma Lite+, MA Sigma Extreme, MA Sigma VP, MorphoWave Settings

Mode: ←

Download Identifier To Device:

Encode To Smartcard Mode:

Template Location:

Pin Location: ←

Allow Start By Biometric: ←

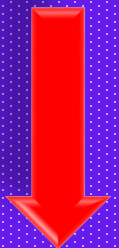
Allow Start By Contactless Card: ←

Allow Start By Keyboard:

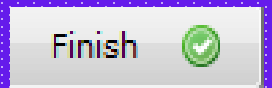
Allow Start By Wiegand In:

Require Pin: ←

Require Template Match:



FOLLOW THIS SETTINGS EXACTLY AS SHOWN



USER POLICY



Path Administration>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

CREATE A NEW USER POLICY

- Operator
- Key Policy
- Biometric Device Profile
- Biometric Device
- Wiegand Profiles
- User Policy**
- Access Schedules
- User Distribution Group
- User Authentication Mode

Enter the details for this User Policy

Name: MWC Prox and Pin

Description:

Access Mode: All Biometric Devices and Clients

Allow MA 500 database selection during user enrollment

Access Schedule: 24 hours, 7 days a week

Extended User Details: Display extended user details

Wiegand Profile: Standard 26 bit

User Authentication Mode: MWC Prox and Pin

Show Photo Capture Page:

Next

**WIEGAND PROFILE WILL BE YOUR PROX CARD FORMAT
USER AUTHENTICATION MODE IS WHAT YOU CREATED EARLIER**

USER POLICY

CLICK NONE FOR FINGER BIOMETRICS

Enter the details for finger biometric options

Finger Biometric Enrollment Minimum Fingers:

None

Preferred Finger One:

Left Index Finger

Preferred Finger Two:

Right Index Finger

Preferred Duress Finger:

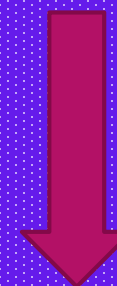
Left Middle Finger

Vein / Print Mode:

Universal Fast



It is recommended the mode set in User Policy for enrollment should be the same mode or a more restrictive mode than the mode set in Biometric Device Profile. Using a less restrictive mode in User Policy than in Biometric Device Profile is likely to increase the False Rejection Rate (FRR) of biometric devices.



Next



User Policy

NONE FOR WAVE ENROLLMENTS

Enter the details for wave biometric options

Wave Enrollment Minimum Hands:

None

Show Wave Biometric Capture Page:



Finish



USER MANAGEMENT



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

CREATE A NEW USER WITH THE USER POLICY CREATED EARLIER

Enter details for this User

User Policy:


Enabled:

First Name:

Middle Name:

Last Name:

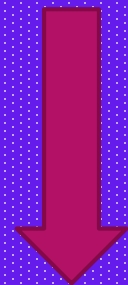
Date of Birth: Use M/d/yyyy eg. 3/24/1986.


Next 

USER MANAGEMENT

PUT IN THE PROX CARD VALUE

Wiegand Values	
user	<input type="text" value="348"/>



Next 

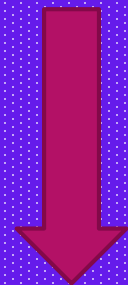
USER MANAGEMENT


PUT IN THE PIN CODE YOU WANT TO USE
THE PIN IS STORED ON THE READER , DOES NOT COME FROM THE PANEL

Enter and confirm the PIN

PIN:

Confirm PIN



Finish 

WEBSITE

Please visit our website,
service.morphotrak.com for
software, firmware, videos and
PDF'S