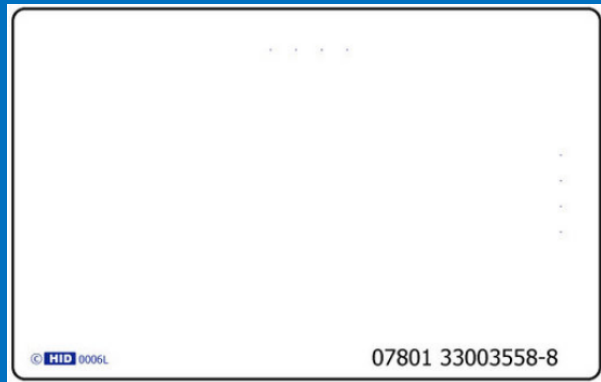


Printed Iclass Card and Hand and Pin with the MWC



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 until you get to Enrollment Devices

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:

Morpho Contactless Finger enrollment MorphoAccess:

Smartcard Encoding

Morpho Smartcard encoding:

Morpho Smartcard encoding PC/SC device:



Morpho Smartcard encoding MorphoAccess:

Keys

Key Policy:

2

3



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 - HID PACS. 1

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

Wiegand Pacs

The goal is to get the MWC to read the Print card number off the Iclass card

MM has two pre define formats
26BIT Pacs and 35bit Pacs

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

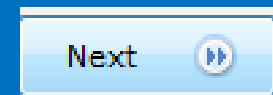
Mode:

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

Mode:

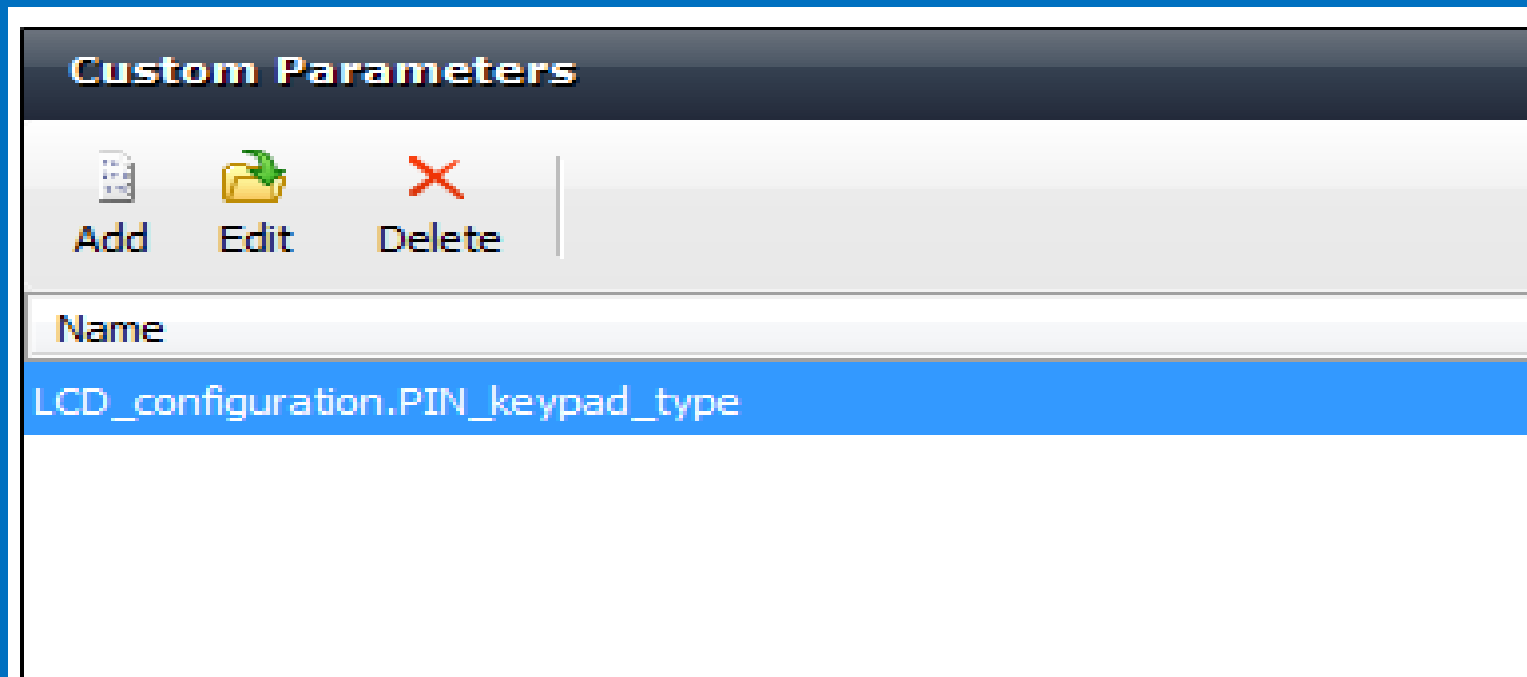
MA Sigma, MA Sigma Lite, MA Sigma Lite+, MA Sigma Extreme, MA Sigma VP and MorphoWave Multi-Factor Modes

Biometric:	<input type="checkbox"/>	Mifare Classic:	<input type="checkbox"/>
Proximity Card:	<input 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 checked="" type="checkbox"/>		
HID iClass SEOS:	<input type="checkbox"/>		



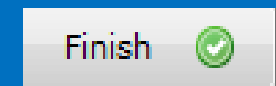
SET THE MULTI-FACTOR MODE SETTINGS AS EXACTLY AS SHOWN

Biometric Device Profile



CLICK NEXT SEVERAL TIMES TILL YOU GET TO CUSTOM PARAMETERS
ADD THIS PARAMETERS EXACTLY AS SHOWN

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:

Printed Iclass Card and Hand and Pin

Description:

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

None

Morpho 3D Face Mode:

None



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 VP MD, 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

Finish 

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: Printed Iclass Card and Hand and Pin

Description:

Access Mode: All Biometric Devices and Clients

Allow MA 500 database selection during user enrollment

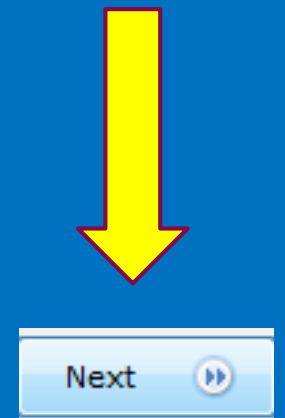
Access Schedule: 24 hours, 7 days a week

Extended User Details: Display extended user details

Wiegand Profile: Standard 26 bit

User Authentication Mode: Printed Iclass Card and Hand and Pin

Show Photo Capture Page:



**WIEGAND PROFILE WILL BE YOUR 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

TWO FOR WAVE ENROLLMENTS

Enter the details for wave biometric options

Wave Enrollment Minimum Hands:

Two

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:

Printed Iclass Card and Hand and Pin

Enabled:



First Name:

Joe

Middle Name:

Last Name:

Smith

Date of Birth:

Use M/d/yyyy eg. 3/24/1986.

Next




USER MANAGEMENT

PUT IN THE PRINTED CARD VALUE

Wiegand Values

user	<input type="text" value="348"/>
------	----------------------------------



Next 

USER MANAGEMENT

PUT IN THE PIN CODE YOU WANT TO USE

Enter and confirm the PIN

PIN:

●●●

Confirm PIN

●●●|

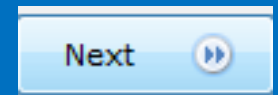
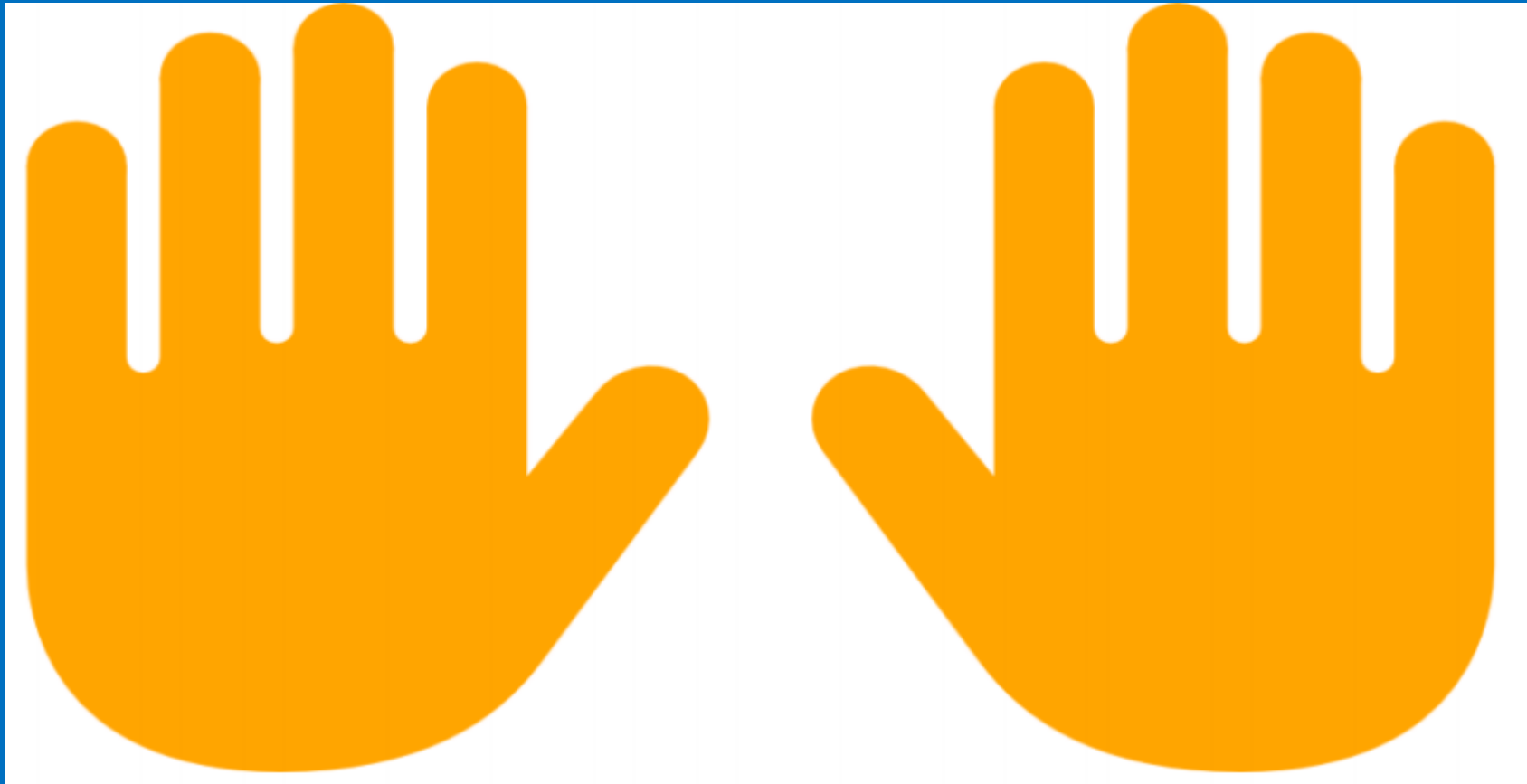


Next



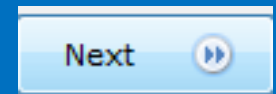
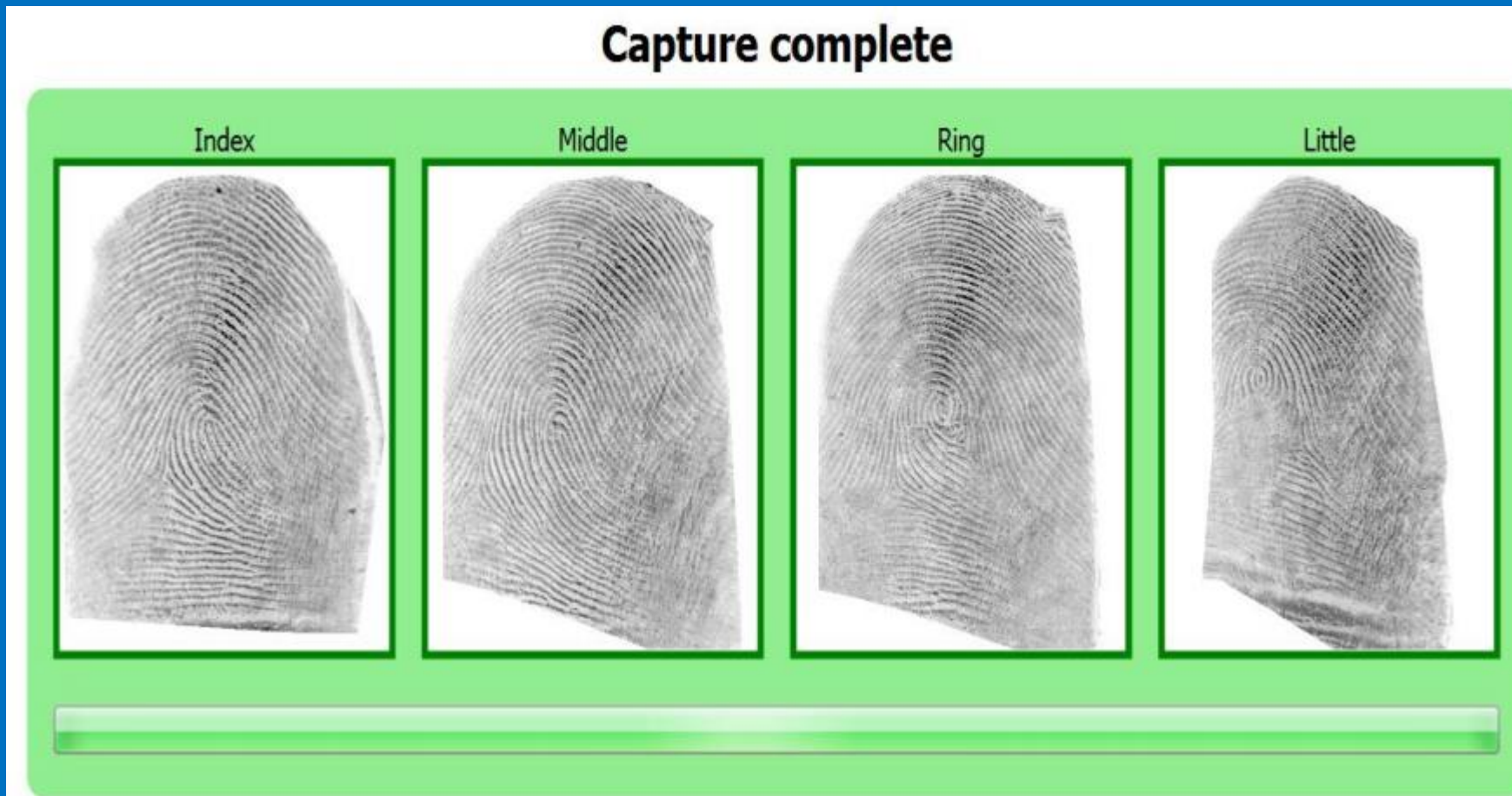
USER MANAGEMENT

CLICK ON THE FLASHING HANDS TO START CAPTURING



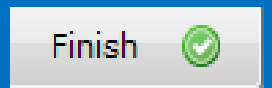
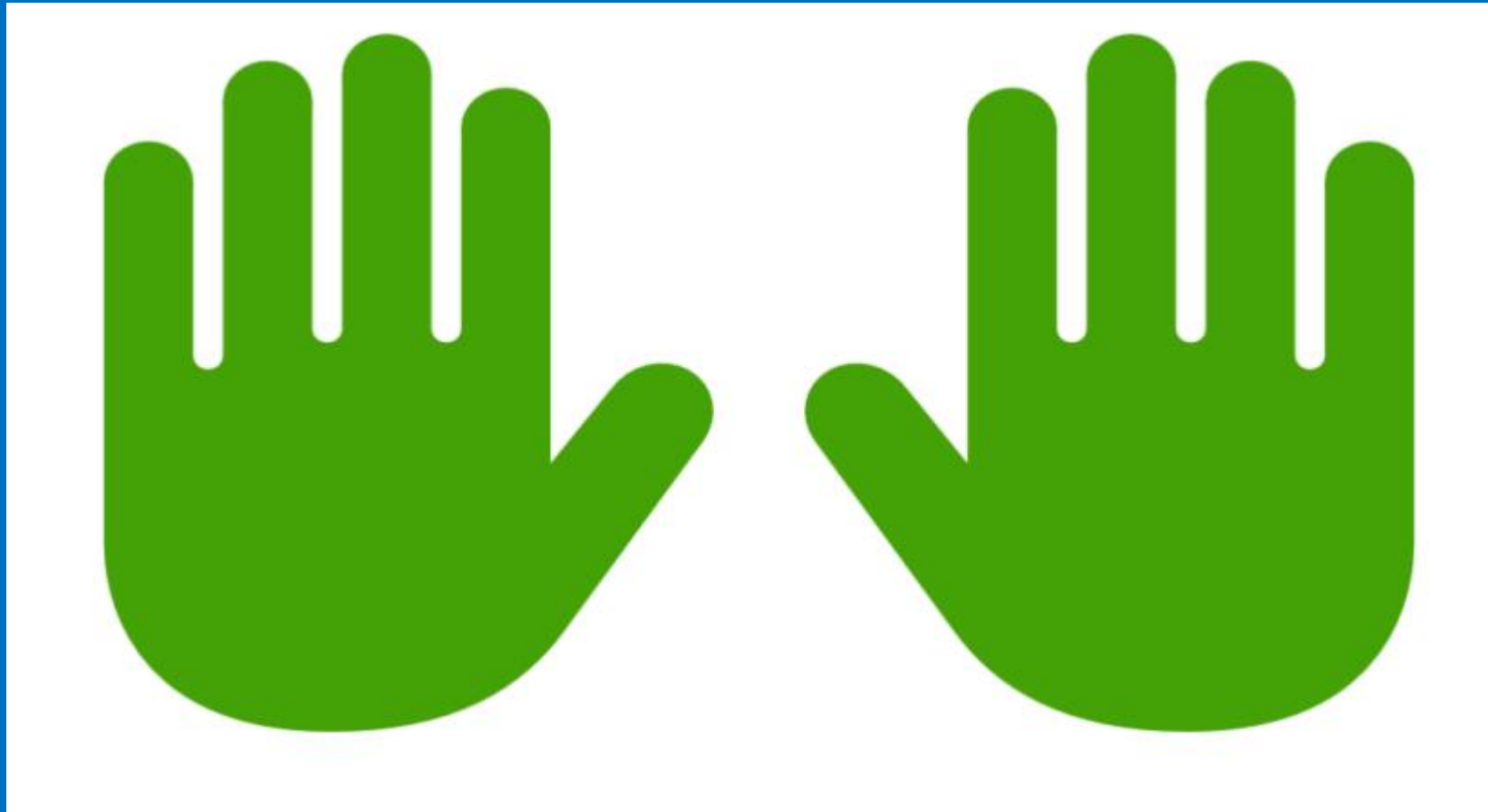
USER MANAGEMENT

FOLLOW THE PROMPTS ON THE MWC SCREEN



USER MANAGEMENT

WHEN COMPLETE YOU SHOULD HAVE TWO GREEN HANDS



WEBSITE

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