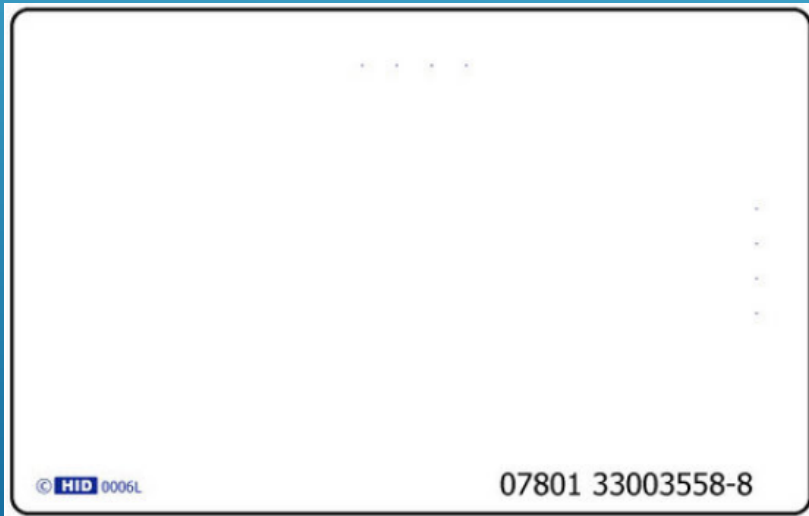


# PRINTED ICLASS CARD OR MWC HAND



Or



# 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:

None

Morpho 3D Face enrollment biometric device:

Search

### Contact Enrollment

Morpho Finger biometric enrollment:

Any MorphoSmart

Morpho Finger enrollment MorphoAccess:

Search

### Contactless Enrollment

Morpho Contactless Finger biometric enrollment:

MorphoWave Compact (IP)

Morpho Contactless Finger enrollment MorphoAccess:

MorphoWave Compact

Search

### Smartcard Encoding

Morpho Smartcard encoding:

Any PC/SC Smartcard reader

Morpho Smartcard encoding PC/SC device:

Morpho Smartcard encoding MorphoAccess:

Search

### Keys

Key Policy:

Default

Finish



# 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

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**

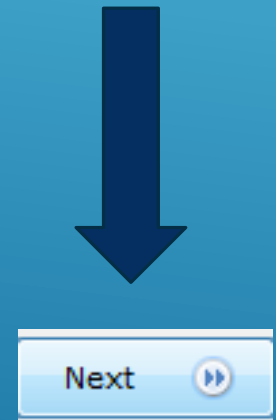
Mode:

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

Mode:

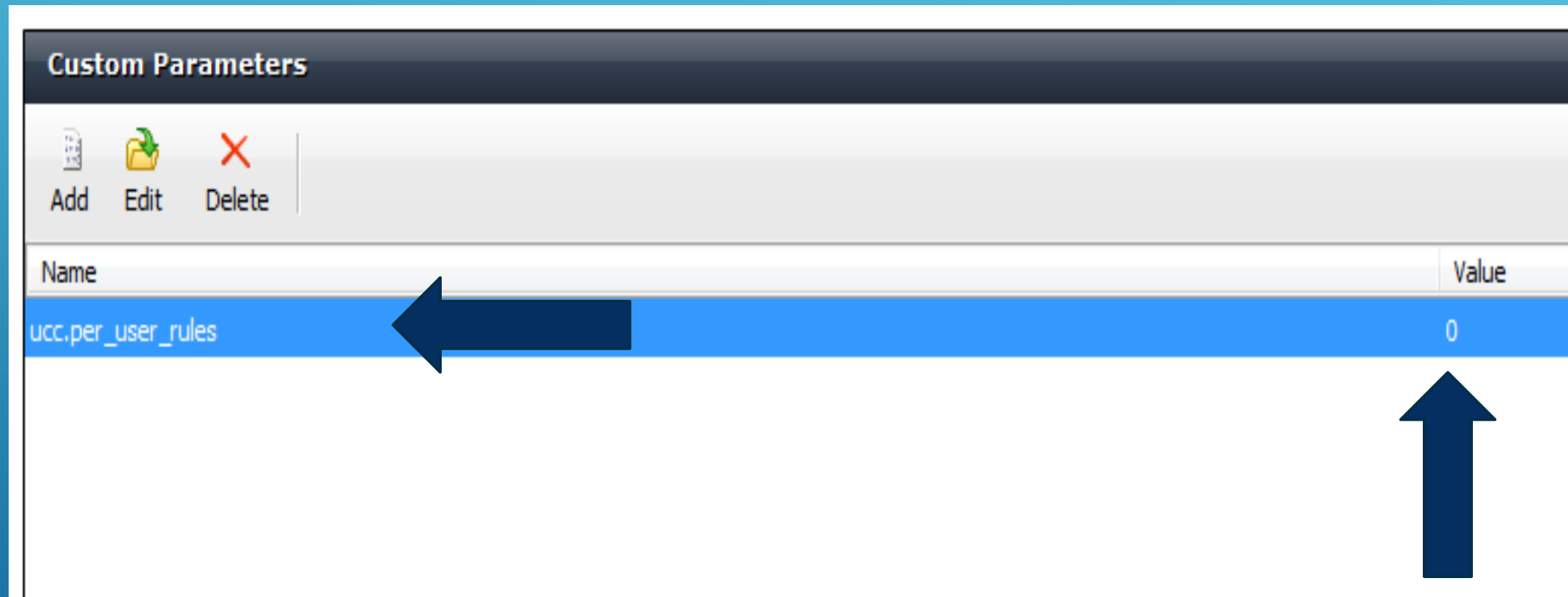
**MA Sigma, MA Sigma Lite, MA Sigma Lite+, MA Sigma Extreme, MA Sigma VP and MorphoWave Multi-Factor Modes**

Biometric:	<input checked="" type="checkbox"/>		<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"/>		



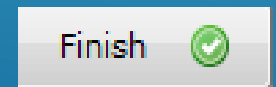
SET THE MULTI-FACTOR MODE SETTINGS AS EXACTLY AS SHOWN

# BIOMETRIC DEVICE PROFILE



CLICK NEXT TILL YOU GET TO CUSTOM PARAMETERS  
ADD THIS CUSTOM PARAMETERS MAKE SURE ITS SPELT EXACTLY AS SHOWN

UCC.PER\_USER\_RULES  
VALUE-0



# 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 HAND OR CARD

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: Contactless Card ID + Biometric (1:1)

Show Photo Capture Page:

Next

**WIEGAND PROFILE WILL BE YOUR CARD FORMAT**  
**USER AUTHENTICATION MODE IS CONTACTLESS CARD ID +BIOMETRIC**

# USER POLICY

CLICK NONE FOR FINGER BIOMETRICS

Enter the details for finger biometric options

Finger Biometric Enrollment Minimum Fingers:

Preferred Finger One:

Preferred Finger Two:


Preferred Duress Finger:

Vein / Print Mode:



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

CLICK TWO FOR WAVE ENROLLMENTS

Enter the details for wave biometric options

Wave Enrollment Minimum Hands:

Two

Show Wave Biometric Capture Page:



Finish





# 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

 Home

 Administration

 User Management

CREATE A NEW USER WITH THE USER POLICY CREATED EARLIER

Enter details for this User

User Policy:

MWC HAND OR CARD

Enabled:



First Name:

Tommy

Middle Name:

Last Name:

Boy

Date of Birth:

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



Next




# USER MANAGEMENT

PUT IN THE PRINTED CARD VALUE

Wiegand Values

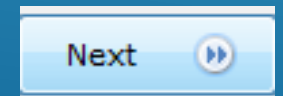
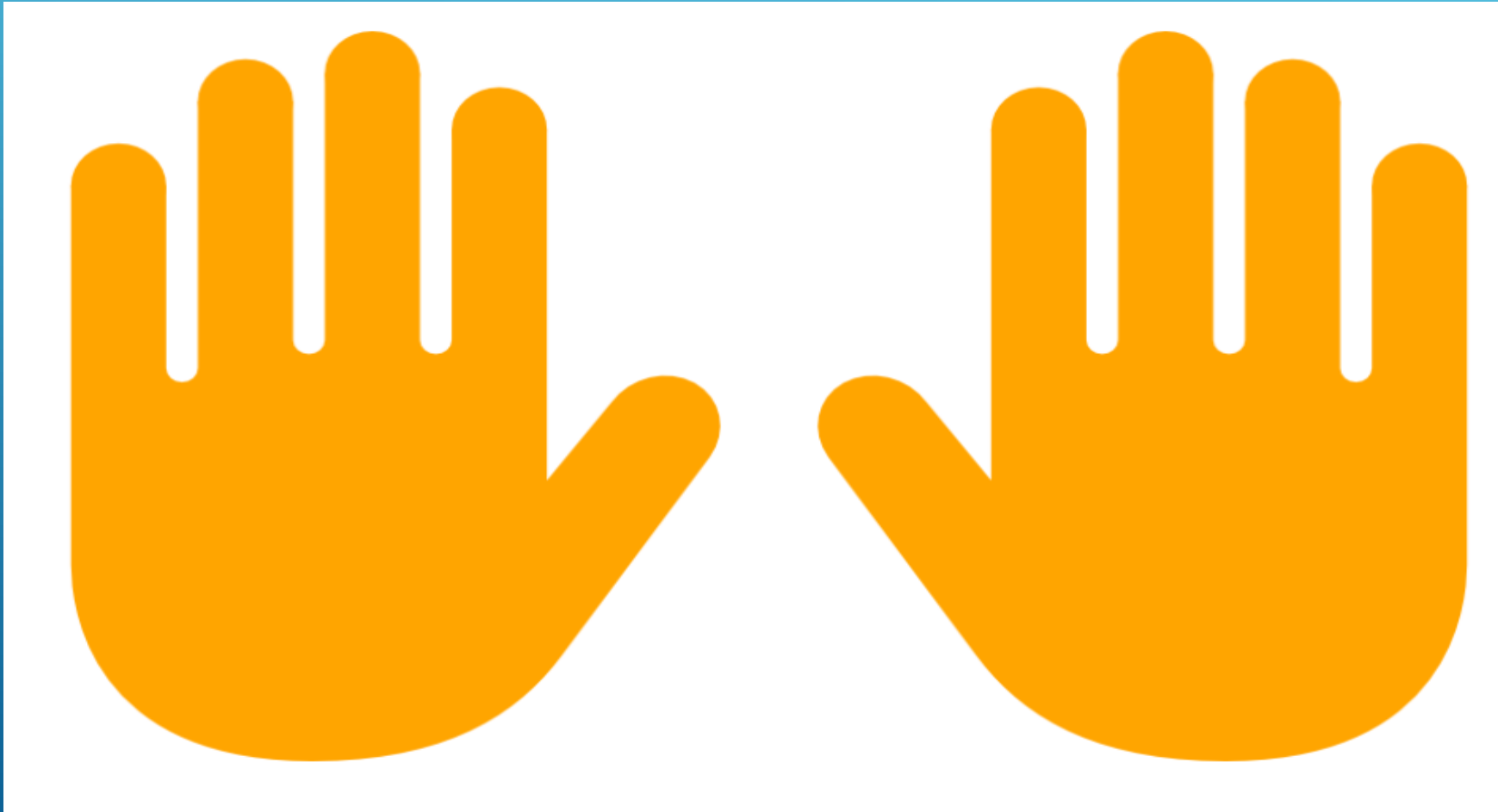
user	348
------	-----



Next 

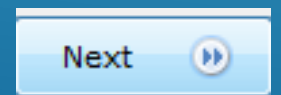
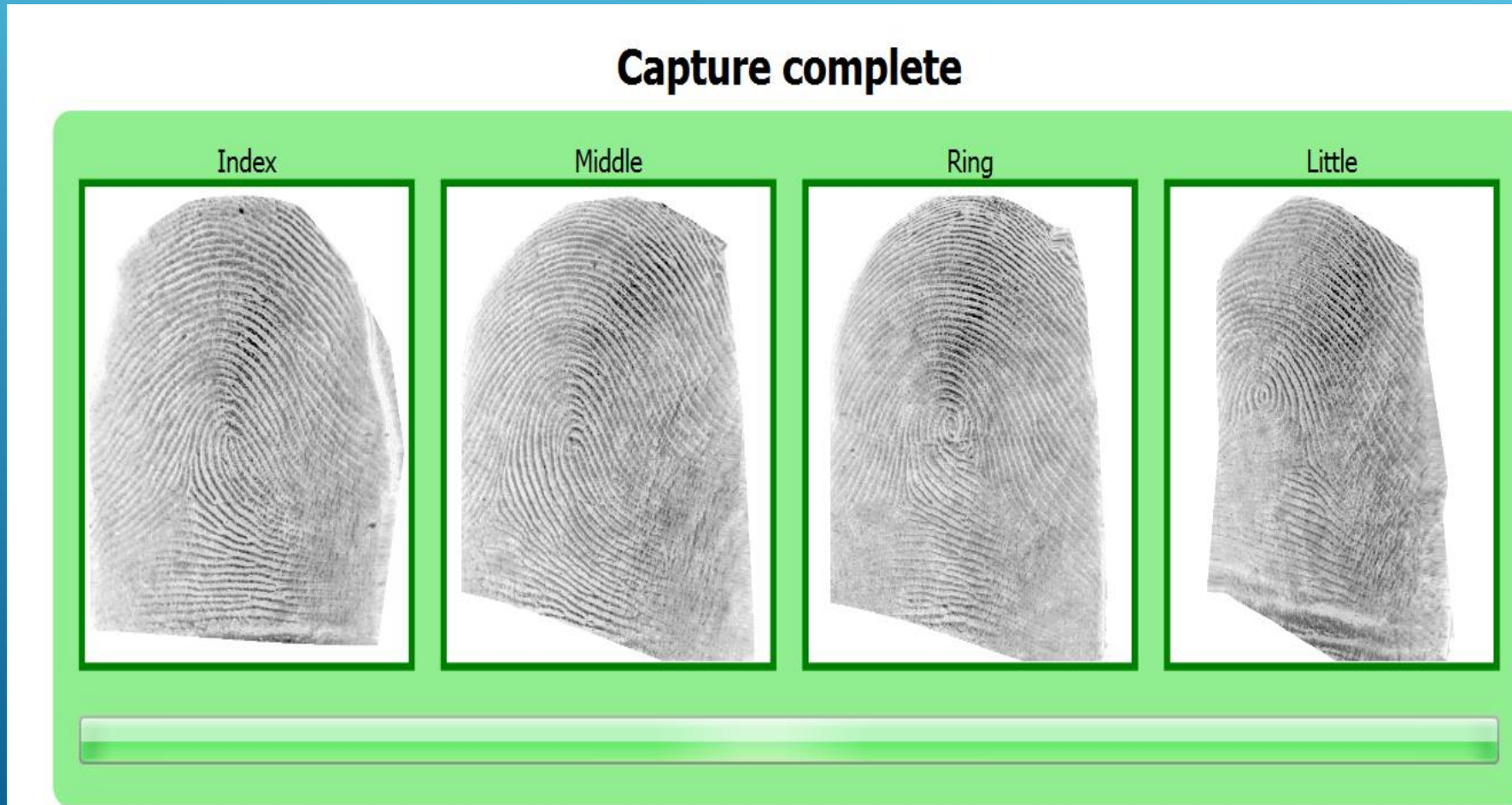
# USER MANAGEMENT

CLICK ON THE FLASHING HANDS TO START CAPTURING



# USER MANAGEMENT

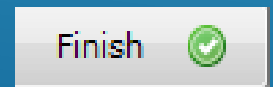
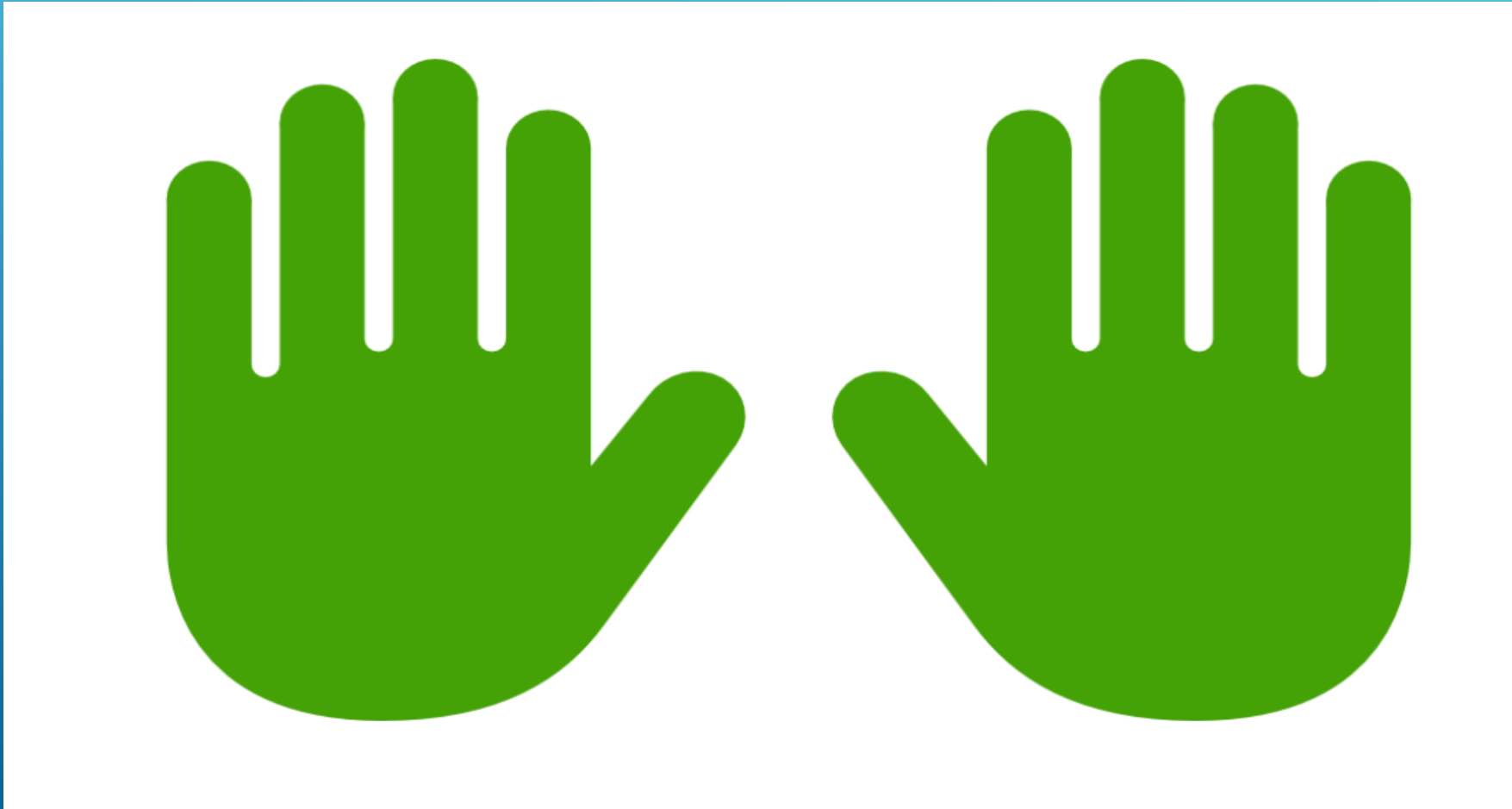
FOLLOW THE PROMPTS ON THE MWC SCREEN





# USER MANAGEMENT

WHEN COMPLETE YOU SHOULD HAVE TWO GREEN HANDS



# WEBSITE

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