

# QR CODE OR HAND FOR MWC



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

# QR CODE

## REQUIREMENTS TO READ QR CODES

- FIRMWARE 1.4.0
- MORPHO MANAGER 13.5.3 AND HIGHER
- A QR CODE PROGRAM MAKER (NOT SUPPLIED)

# 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

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 

THE WIEGAND PROFILE IS WHAT YOU WANT TO SEND BACK TO YOUR ACP (CONTROLLER)

# BIOMETRIC DEVICE PROFILE

**Multi-Factor Mode Settings**

Multi-Factor Mode:

Contactless Smart Card Mode:

**Morpho 3D Face Multi-Factor Mode**

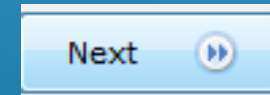
Mode:

**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**

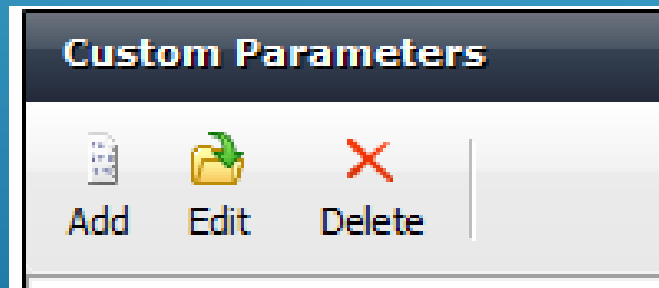
Biometric:	<input checked="" type="checkbox"/>	Mifare Classic:	<input type="checkbox"/>
Proximity Card:	<input type="checkbox"/>	Mifare DESFire 3DES:	<input type="checkbox"/>
Wiegand In:	<input type="checkbox"/>	Mifare DESFire AES:	<input type="checkbox"/>
Clock and Data In:	<input type="checkbox"/>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



SET THE MULTI-FACTOR MODE SETTINGS AS EXACTLY AS SHOWN

# BIOMETRIC DEVICE PROFILE

HIT NEXT SEVERAL TIMES TILL YOU GET TO CUSTOM PARAMETERS



# BIOMETRIC DEVICE PROFILE

**Custom Parameters**

Add Edit Delete

Name	Value
ucc.trigger_event	17

ADD ONE PARAMETERS THIS IS CASE SENSITIVE  
UCC.TRIGGER\_EVENT VALUE OF 17

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:

Description:

Access Mode:

Allow MA 500 database selection during user enrollment


Access Schedule:

Extended User Details:  Display extended user details

Wiegand Profile:

User Authentication Mode:

Show Photo Capture Page:



**THE WIEGAND PROFILE IS WHAT YOU WANT TO SEND BACK TO YOUR ACP (CONTROLLER)**

**USER AUTHENTICATION MODE IS SET TO BIOMETRIC(1:MANY)**

# 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:

Hand OR QR

Enabled:



First Name:

John

Middle Name:

Last Name:

Smith

Date of Birth:

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

Next




# USER MANAGEMENT

PUT IN THE USER VALUE THAT WILL BE SENT TO YOUR ACP( CONTROLLER)

Wiegand Values

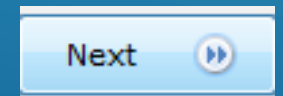
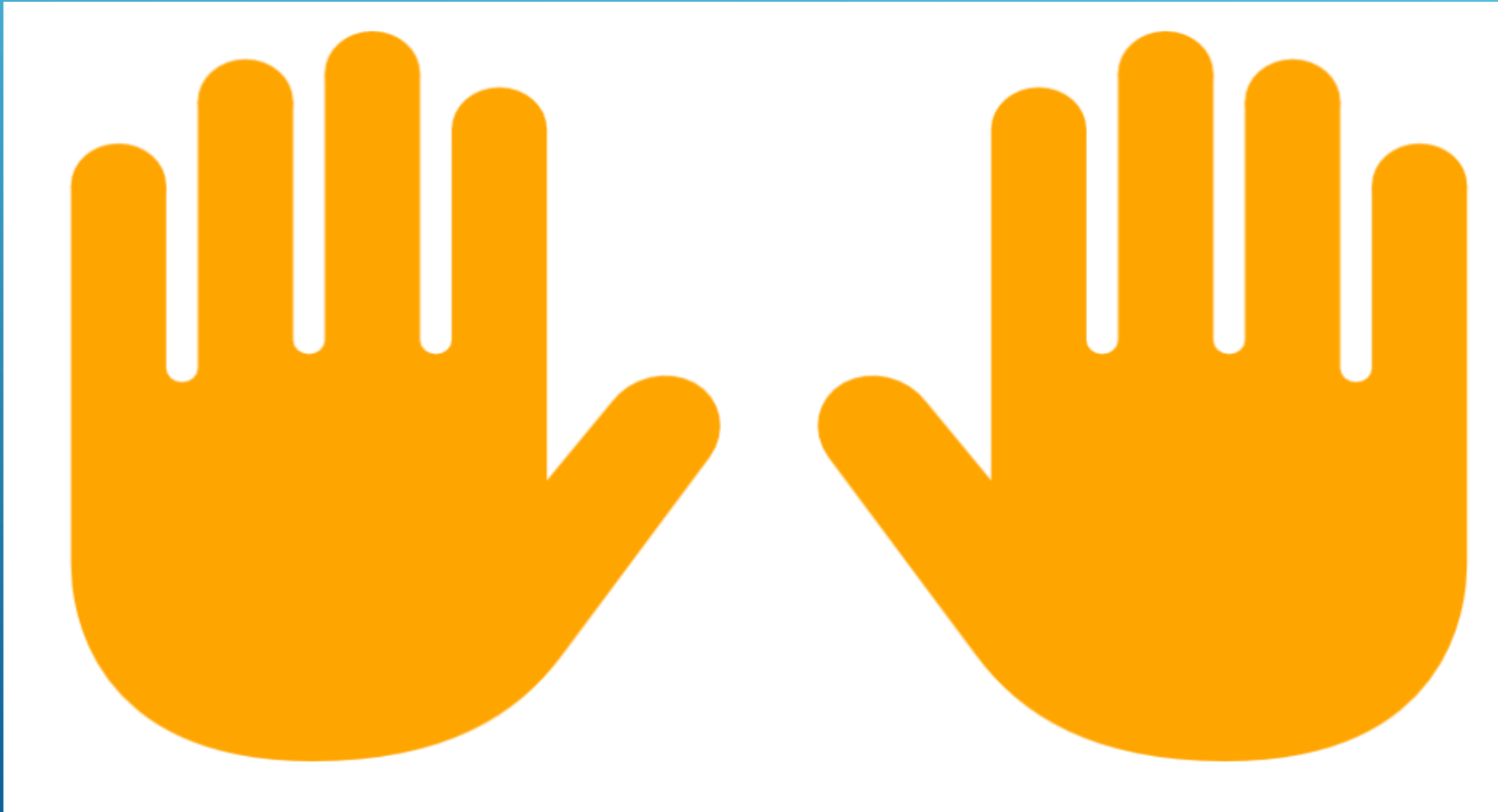
user	<input type="text" value="348"/>
------	----------------------------------



Next 

# USER MANAGEMENT

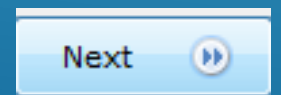
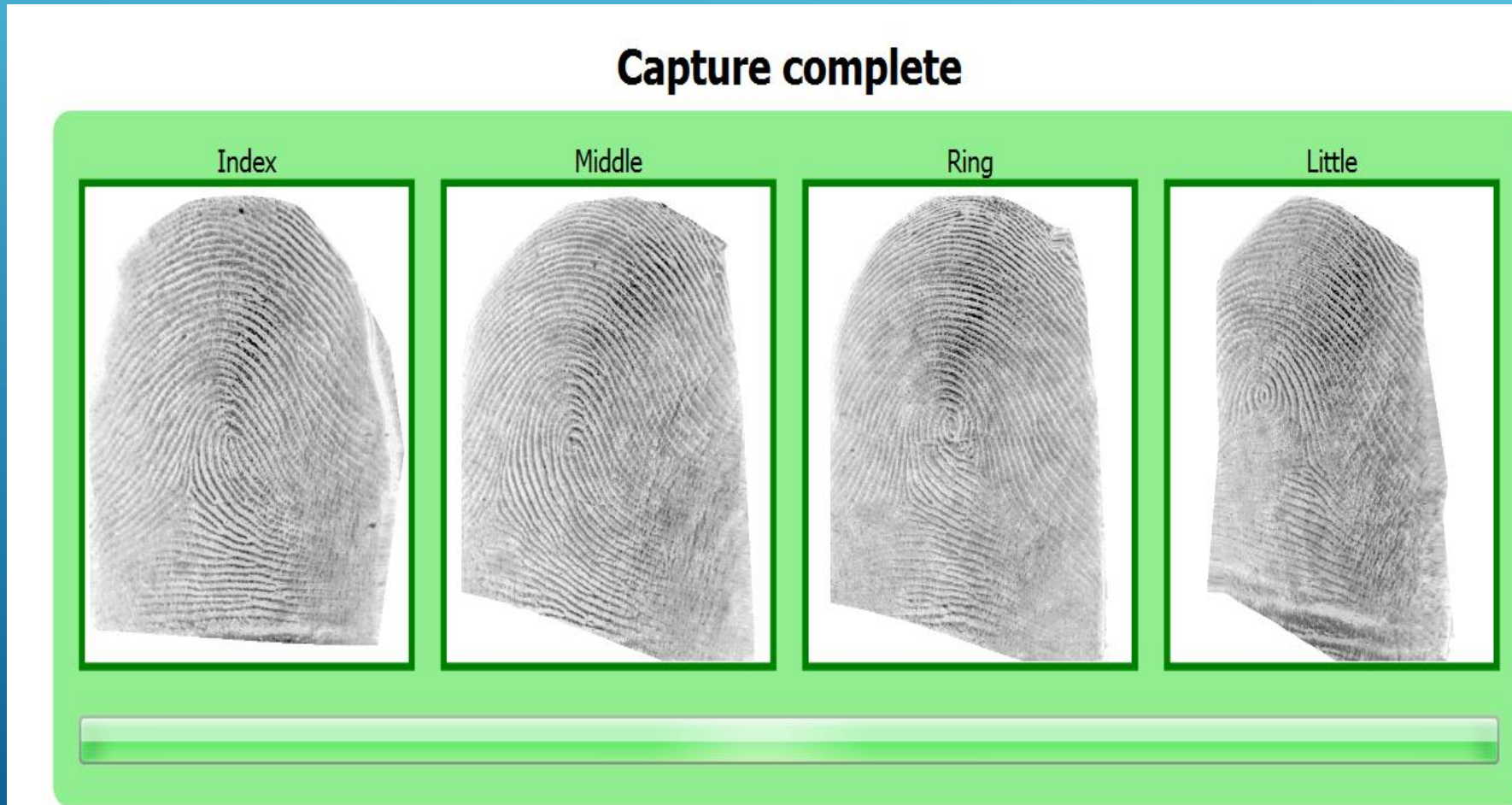
CLICK ON THE FLASHING HANDS TO START CAPTURING(MINIMUM OF 3 SWIPES PER HAND)





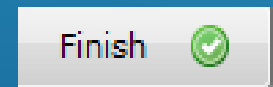
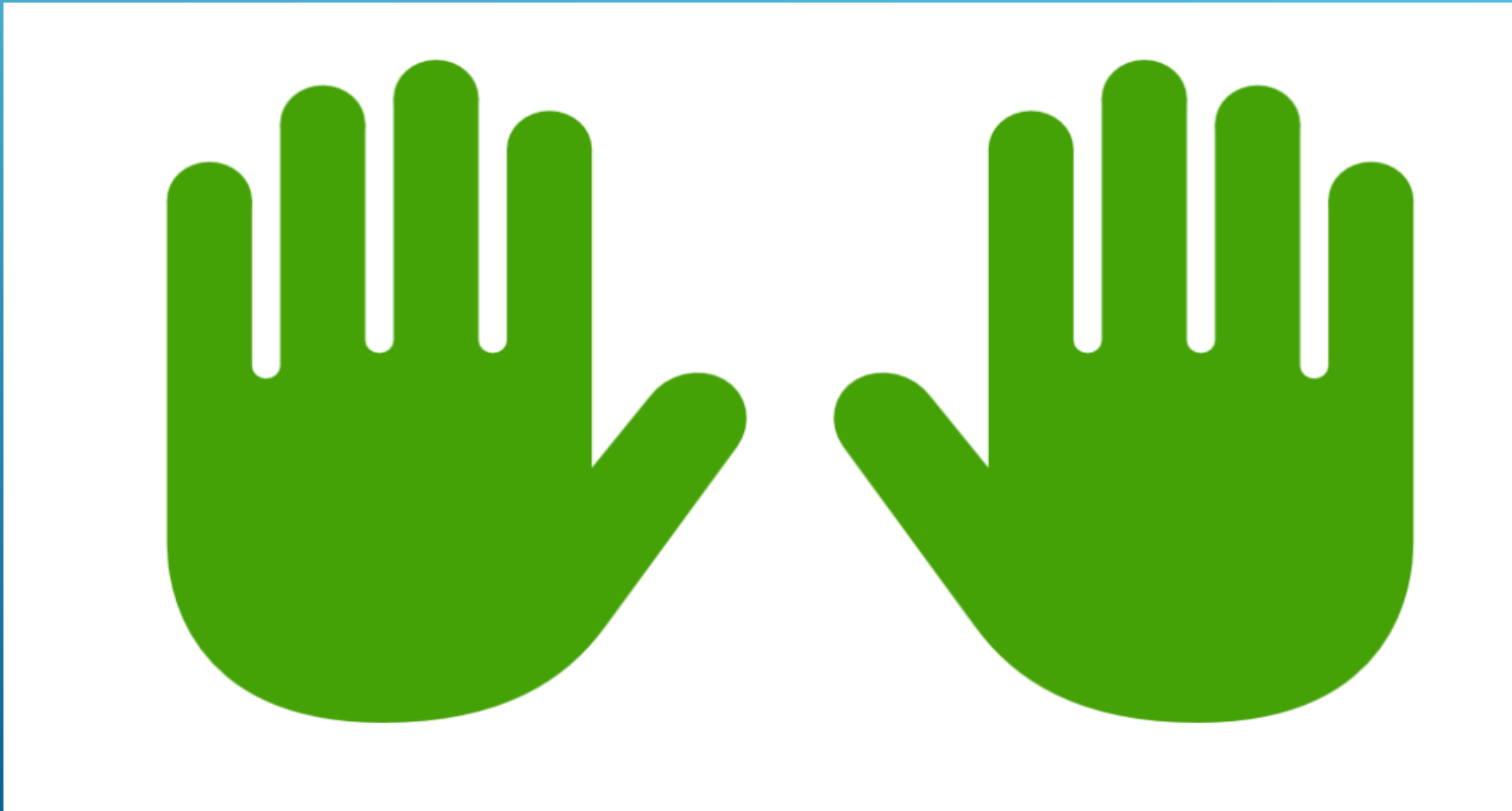
# USER MANAGEMENT

FOLLOW THE PROMPTS ON THE MWC SCREEN



# USER MANAGEMENT

WHEN COMPLETE YOU SHOULD HAVE TWO GREEN HANDS



# FINAL RESOLUTION

WITH THIS SET UP NOW YOU CAN HAVE HAND ONLY FOR EMPLOYEES AND  
QR CODE FOR VISITORS

THE QR CODE IDENTIFIER WOULD HAVE TO EXIST IN YOUR ACP

# WEBSITE

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