HOW TO USE PRINTED ICLASS CARD AND FINGER

TO WORK WITH SIGMA ICLASS, SIGMA ICLASS LITE, SIGMA ICLASS EXTREME
ACRONYMS

UP=USER POLICY
BDP=BIOMETRIC DEVICE PROFILE
MM=MORPHO MANAGER
ACP=ACCESS CONTROL PANEL
CSN=CARD SERIAL NUMBER
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 DEVICE AS THE EXAMPLE BELOW

Enter the details for this Biometric Device

- **Name:** Sigma Iclass
- **Time Zone:** (UTC-08:00) Pacific Time (US & Canada)
- **Hostname/IP Address:** 192.168.1.10
- **Port:** 11010

Click **Finish** to complete.
Clients

Path Administration>Clients

Clients are computers that have the MorphoManager Client software installed and communicate with a MorphoManager server.
Next pages is if you do not own a MSO for capturing fingerprints
ADD YOUR SIGMA TO YOUR CLIENT

Enter the details for this client

Name: 
Description: 
Location: 

Click Next 3 Times
USE A SIGMA TO CAPTURE FINGERPRINTS

**IF YOU DO HAVE A MSO NO CHANGES NEED TO TAKE PLACE**
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

Enter details for the Biometric Device Profile

Name: Default
Description:
Configuration Mode: Express
Log Retrieval Enabled:
Log retrieval interval: 300 (seconds)
Duplicate check on biometrics:
(MorphoAccess heartbeat interval: 30 (seconds)
Key Policy: Default

Next
WIEGAND PROFILE: USE STANDARD 26 OR 35 BIT HID PACS DEPENDING ON CARD FORMAT OR ANY FORMAT CAN BE CREATED. (CREATED FORMAT HAS TO CONTAIN PACS ELEMENTS)
Set the Multi-Factor Mode settings as 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

WIEGAND PROFILE USE THE ICLASS CARD FORMAT
USER AUTHENTICATION MODE IS CONTACTLESS CARD ID+BIOMETRIC
USER POLICY

CLICK TWO FOR FINGER BIOMETRICS

Enter the details for finger biometric options

- Finger Biometric Enrollment Minimum Fingers: Two
- Preferred Finger One: Left Index Finger
- Preferred Finger Two: Right Index Finger
- Preferred Duress Finger: Left Middle Finger
- Ven / Print Mode: Universal Fast

It is recommended that 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.
USER POLICY

NONE FOR WAVE ENROLLMENTS

Enter the details for wave biometric options

Wave Enrollment Minimum Hands: None
Show Wave Biometric Capture Page:  

Finish
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.
CREATE A NEW USER WITH THE USER POLICY CREATED EARLIER

Enter details for this User

- **User Policy:** Printed iClass card plus finger
- **First Name:** Joe
- **Middle Name:**
- **Last Name:** Bob
- **Date of Birth:** Use M/dd/yyyy eg. 3/24/1986.

Next
USER MANAGEMENT
MANUALLY TYPE IN THE PRINTED CARD NUMBER

Wiegand Values

User: 12345
USER MANAGEMENT

CAPTURE YOUR FINGER PRINTS

Right Hand

Thumb, Index, Middle, Ring, Little
ONE USER POLICY NEED TO BE CREATED FOR ICLASS PRINTED CARD NUMBER AND FINGER

BIOMETRIC DEVICE PROFILE NEEDS TO BE CONFIGURED

IF YOUR ICLASS CARDS FORMAT DOES NOT MATCH THE PRE FORMATS THAT COME WITH MORPHOMANAGER THEN YOU NEED TO KNOW THE FULL STRUCTURE AND CREATED THAT FORMAT

YOU CAN VIEW OTHER WIEGAND FORMATS TO COMPARE
Please visit our website, service.morphotrak.com for software, firmware, videos and PDF’S