

RMS-ACS-U-FACE

FACE RECOGNITION TERMINAL FOR ACS

NÁVOD K OBSLUZE A ÚDRŽBĚ

➤ CZ

MONTAGE- UND BETRIEBSANLEITUNG

➤ DE

ASSEMBLY AND OPERATING MANUAL

➤ EN

MANUEL D'ASSEMBLAGE ET

➤ FR

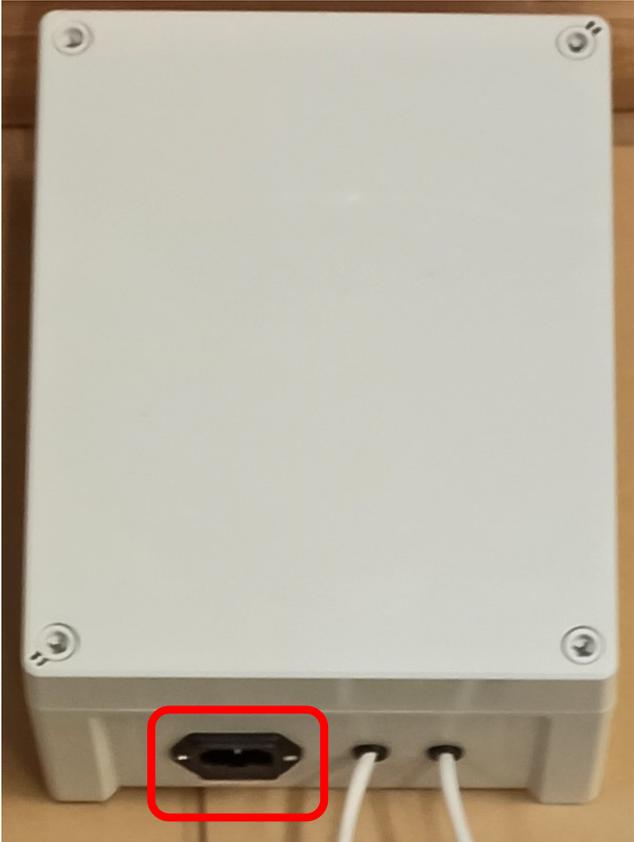
D'UTILISATION

➤ RU

CONTEG

CONNECTION:

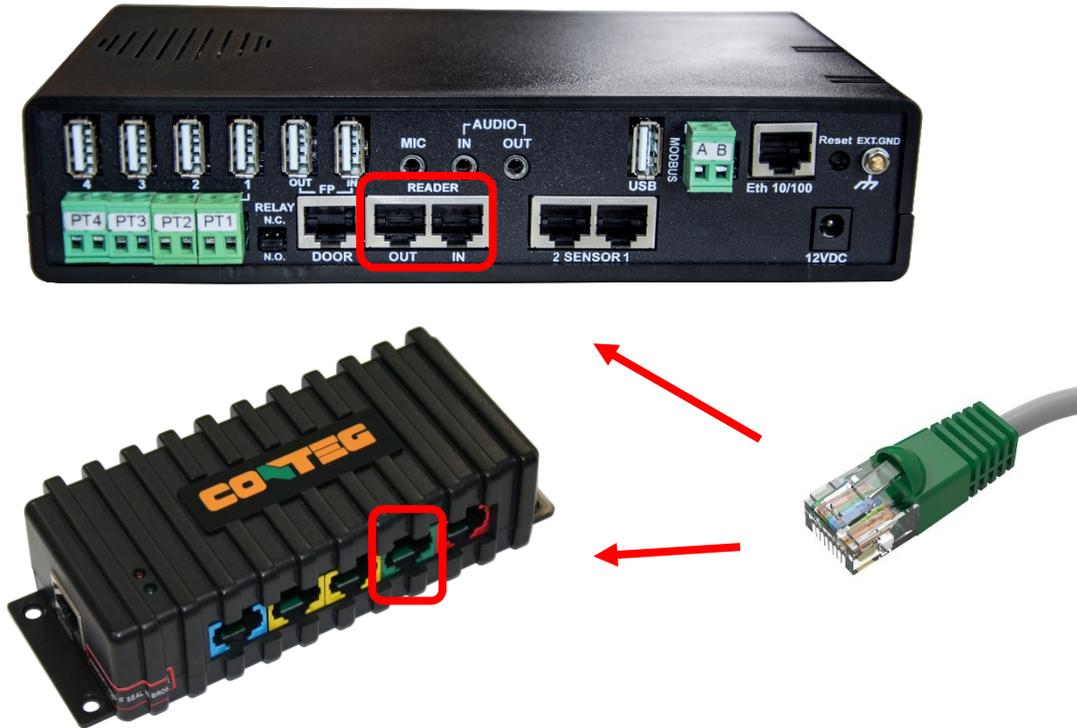
- 1. Connect power cord to the electro box



- 2. Connect communication/power cable with connectors to the Terminal



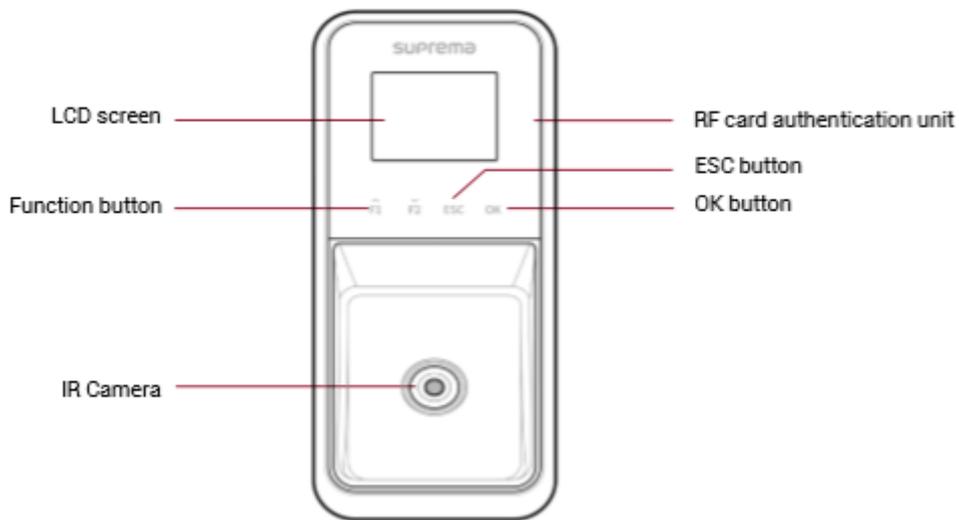
3. Connect communication cable [RJ45 connector with Green cover] to reader port on ACS controller [Ramos Ultra ACS or RMS-ACS-U-RDU]



4. If using Suprema Software, connect LAN cable to terminal and to the network switch

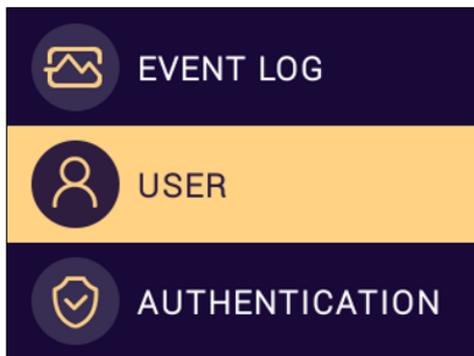


Setting up



All Menus

1. Press **ESC** and authenticate with the Admin level credential.
2. Select the desired menu.



NOTE: If the administrator has not been designated, the menu screen will be displayed when you press ESC

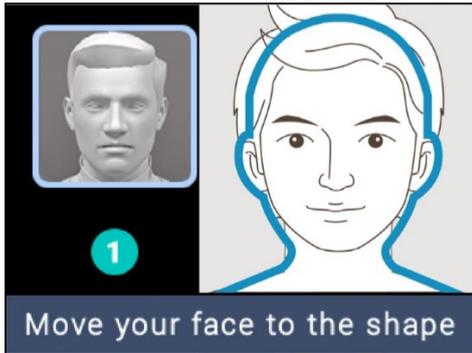
Register User Information

1. Press **ESC** and authenticate with the Admin level credential.
2. Select **User > Add User** and press **OK**. The face registration wizard will begin.

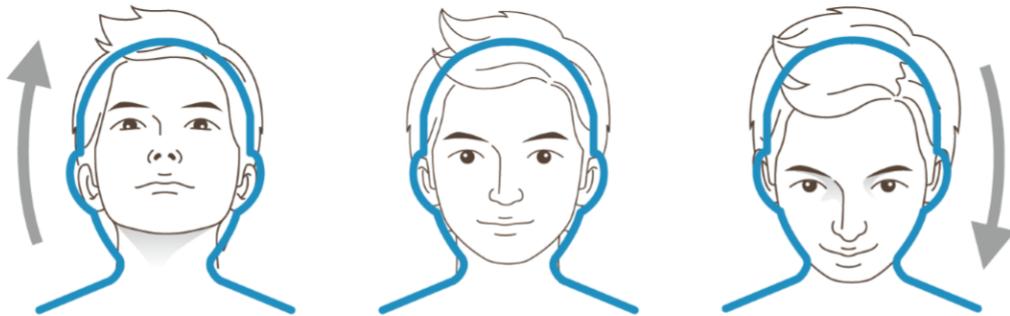


3. To proceed with the face registration wizard, press **OK**. To skip, press **ESC** and go to step 6.

- If you have pressed **OK**, adjust the distance so that the face appears on the guideline of the screen and stare directly at the camera of the device.

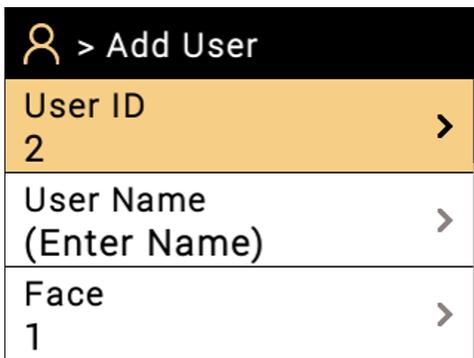


- Follow the on-screen instructions to move your head up and down slowly.



NOTE: When registering a face, maintain a distance of 40cm to 80cm between the device and the face. Be careful not to change the facial expression. (smiling face, drawn face, wink, etc.) If you do not follow the instructions on the screen, the face registration may take longer or may fail. Be careful not to cover the eyes or eyebrows. Do not wear hats, masks, sunglasses or eyeglasses. Be careful not to display two faces on the screen. Register one person at a time. It is recommended for a user wearing glasses to register both faces with and without glasses. To register high-quality face templates, disable Quick Enroll. When you set Quick Enroll to Disabled, the face registration procedure is set to 3 steps.

- Select and set the desired item.



User ID: Enter a number between 1 and 429467295 to register as the user ID. If User ID Type set to Alphanumeric, a combination of alphanumeric characters and symbols (, -) can be used for the ID. Up to 32 characters can be input. **USER ID is important for communication with ACS controller and recommend to use 10-digit number. This ID will show in Conteg Pro Server SW.**

User Name: Enter the user name.

Face: Register a face for user authentication. Press OK and register a face according to the instructions on the screen.

Card: Register a card for user authentication. Press OK and scan the card that will be assigned to the user. To register an additional card, press + Add Card.

PIN: Enter the PIN you wish to use. Enter the PIN you wish to use, and then reenter the same PIN for confirmation. Enter a number between 4 and 16 digits to prevent leaking.

Operator Level: Select the level you wish to assign to a user.

Start Date: Set a start date to use the user account.

Expiry Date: Set an expiry date to use the user account.

Private Auth Mode: Change the authentication method according to the user.

NOTE: Available menus vary according to the set operator level:

None: This is the general user level; menus cannot be accessed.

Full Administrator: All menus can be accessed.

Configuration: AUTHENTICATION, DISPLAY & SOUND, DEVICE, NETWORK and EVENT LOG menus can be accessed.

User Management: USER and EVENT LOG menu can be accessed

7. To save settings, press **OK**

Install Biostar 2 app

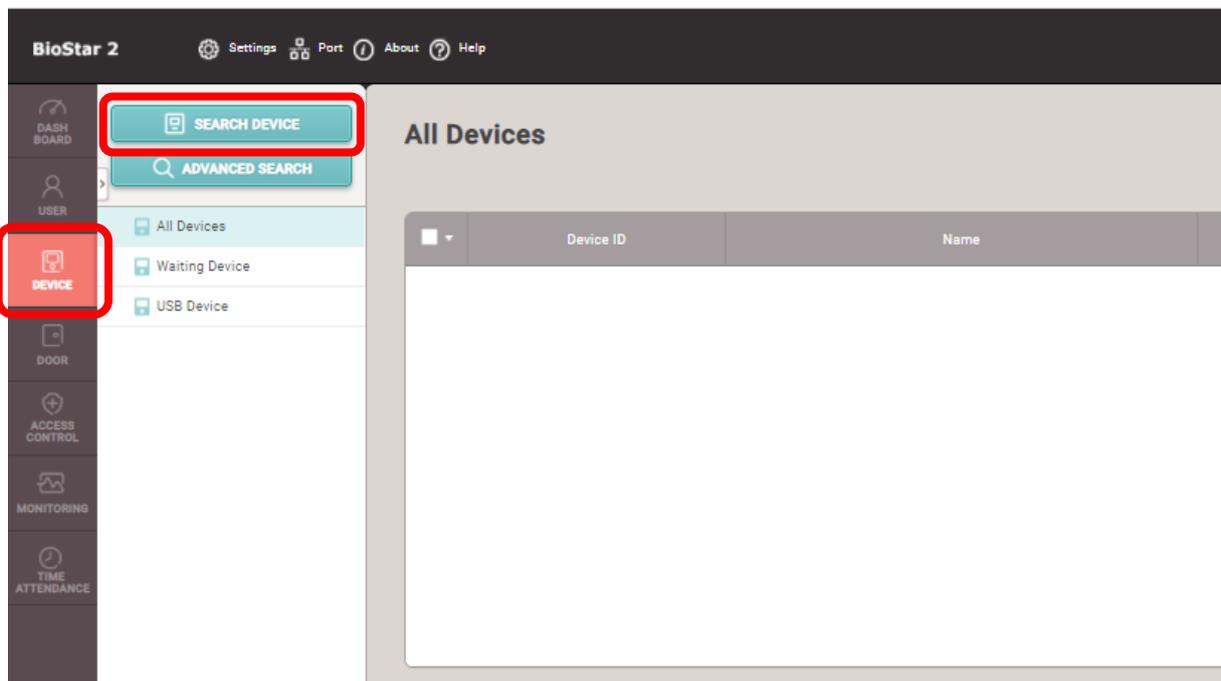
Download and install Biostar 2 app from Suprema:

<https://www.supremainc.com/en/support/biostar-2-package.asp>

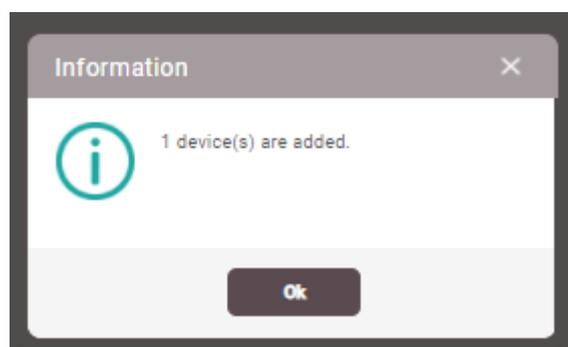
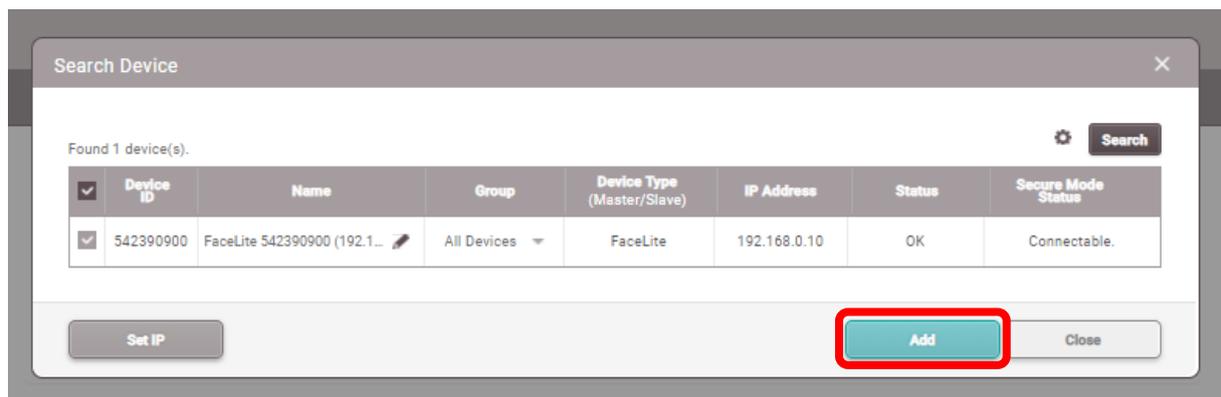
Installation Package	BioStar 2.8.9 Setup(x64)	677.37 MB	Download
Installation Package	BioStar 2.8.9 Setup(x86)	473.12 MB	Download

Follow the installation manual from Suprema (on same web page). And start the application in web browser.

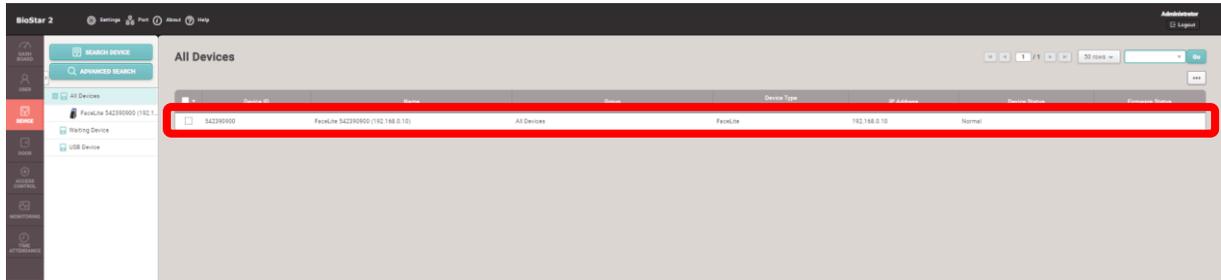
1. Go to the device list and search for new device:



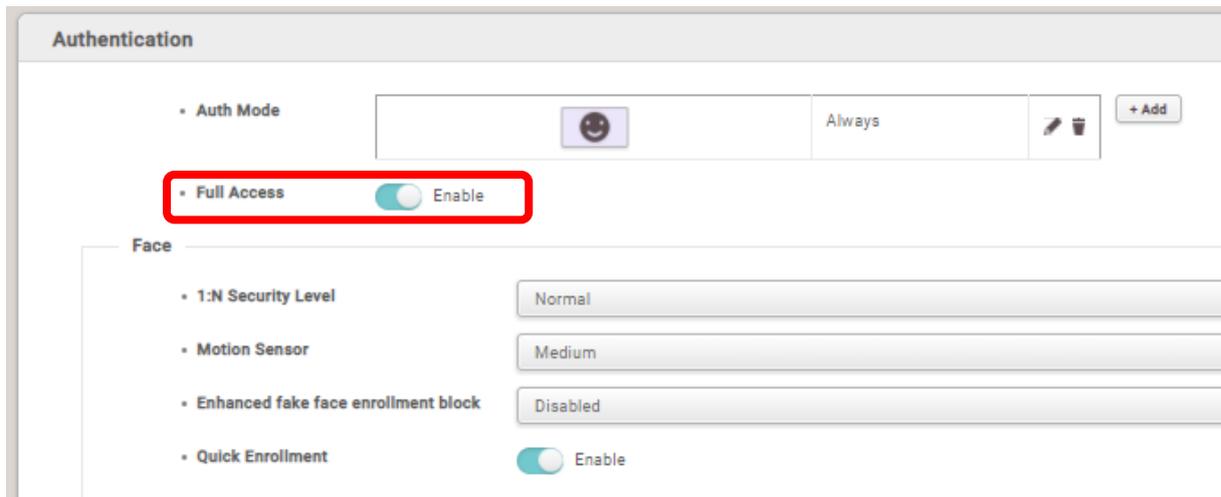
Add the device



2. Configure the device with right click on the line



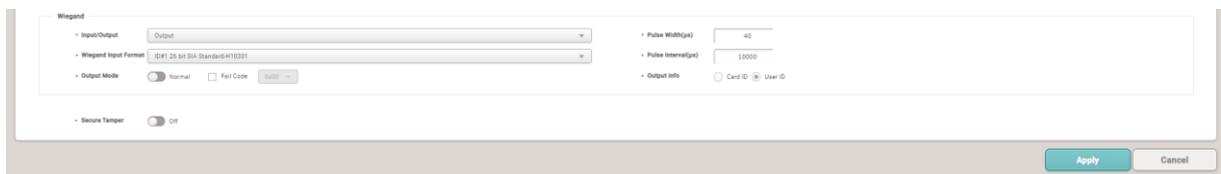
In Authentication enable Full Access and edit Auth Mode if needed



Open the Advance part of setting



In last part Wiegand



Select **Output** on Input/Output and Wiegand Input format to the **ID#1 26 bit SIA Standard-H10301**



Select Output Info to **User ID**

• Pulse Width(μ s) 40

• Pulse Interval(μ s) 10000

• Output info Card ID User ID

Apply the settings

Wiegand

• Input/Output Output

• Wiegand Input Format ID41 28 bit Six Standard H10201

• Output Mode Normal Fail Code SDD

• Secure Tamper Off

• Pulse Width(μ s) 40

• Pulse Interval(μ s) 10000

• Output info Card ID User ID

Apply Cancel

3. Add the User tab and add the user

BioStar 2 Settings Port About Help

DASH BOARD

ADD USER

User Status

All Users 1

USER

DEVICE

DOOR

All Users

ID
1

Add the user name and unique ID

Information

• Name Tomas G

• Department

• ID 558423872

• Group All Users

• Period 2001/01/01 00:00 ~ 2030/12/31 23:59

• Operator Level None

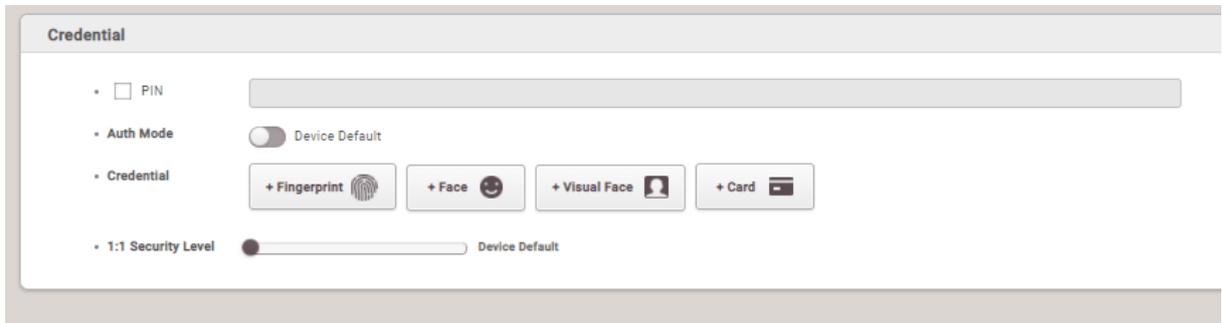
• User IP

Select status Active



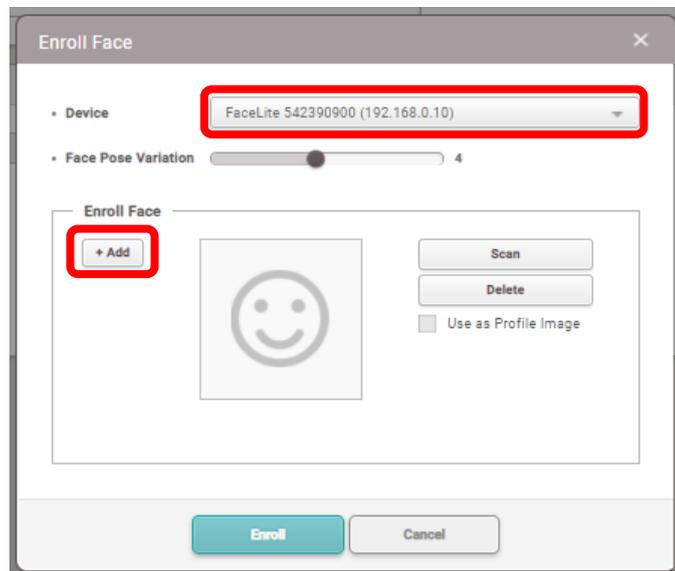
A user profile form with the following fields: Email, Title, Telephone, Status, and Access Group. The Status field is a toggle switch currently set to 'Active' and is highlighted with a red rectangle.

Add the face by right click on button



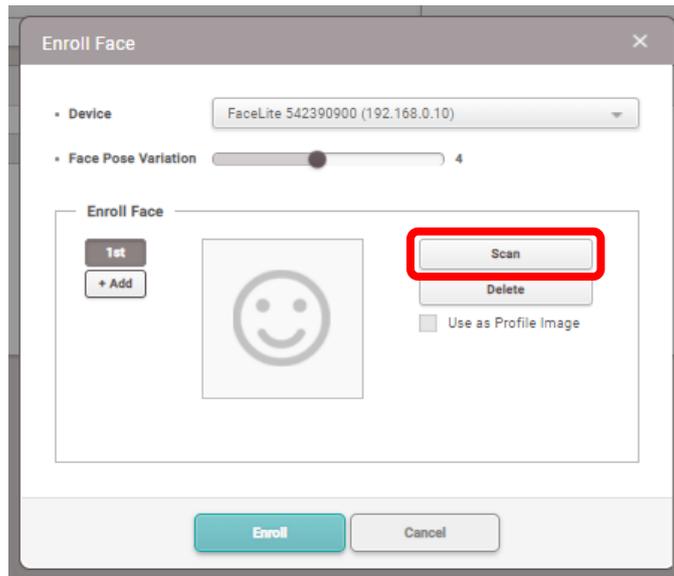
A 'Credential' configuration form with the following options: PIN (checkbox), Auth Mode (toggle set to Device Default), Credential (buttons for + Fingerprint, + Face, + Visual Face, + Card), and 1:1 Security Level (slider set to Device Default).

Select device for face enroll and click on + Add

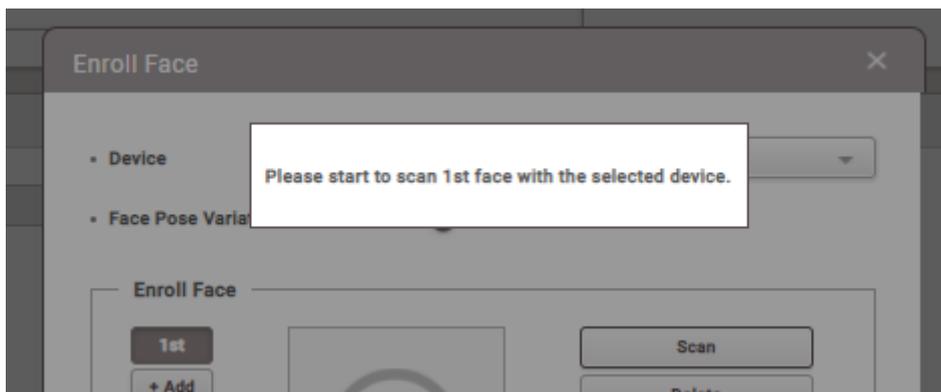


An 'Enroll Face' dialog box with the following elements: Device dropdown (set to 'FaceLite 542390900 (192.168.0.10)' and highlighted with a red rectangle), Face Pose Variation slider (set to 4), an 'Enroll Face' section containing an '+ Add' button (highlighted with a red rectangle), a smiley face icon, 'Scan' and 'Delete' buttons, and a 'Use as Profile Image' checkbox. At the bottom are 'Enroll' and 'Cancel' buttons.

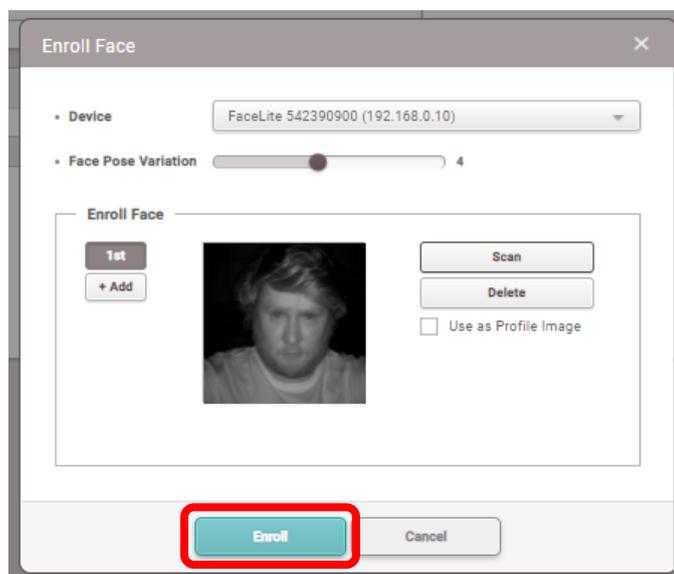
Click on Scan



Proceed the scanning on device



When is it done, it will show scanned face, then click on enroll



Then click on Apply and save the user

Add New User

Information

- Name: Thomas G
- Department: []
- ID: 520423872
- Group: All Users
- Period: 2006/12/31 00:00 - 2030/12/31 23:59
- Operator Level: None
- User IP: []
- Email: []
- Title: []
- Telephone: []
- Status: Active
- Access Group: []

Credential

- Pin: []
- Auth Mode: Device Default
- Credential: Face, Visual Face, Card
- 1:1 Security Level: Device Default

Type	Card Data Format	Summary	Card History
Face	-	1	[]

Apply Cancel

4. Add the user to the device

Go to device tab and mark the device where the user needs to be added

All Devices

Device ID	Name	Group	Device Type	IP Address	Device Status	Firmware Status
542390900	FaceLite 542390900 (192.168.0.10)	All Devices	FaceLite	192.168.0.10	Normal	

Then click on **Manage Users In Device**

All Devices

Device ID	Name	Group	Device Type	IP Address	Device Status	Firmware Status
542390900	FaceLite 542390900 (192.168.0.10)	All Devices	FaceLite	192.168.0.10	Normal	

Mark new user and click on **Upload**

Manage Users in Device

FaceLite 542390900 (192.168.0.10)

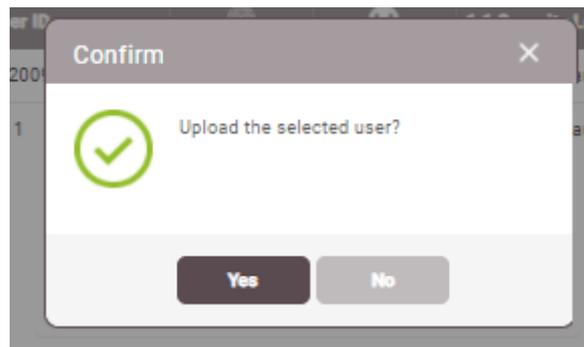
2 0 0 1

All Users Different Users Upload Delete

User ID	1:1 Security Level	Status
34520098	Device Default	New User
1	Device Default	Same

Close

Upload successful:

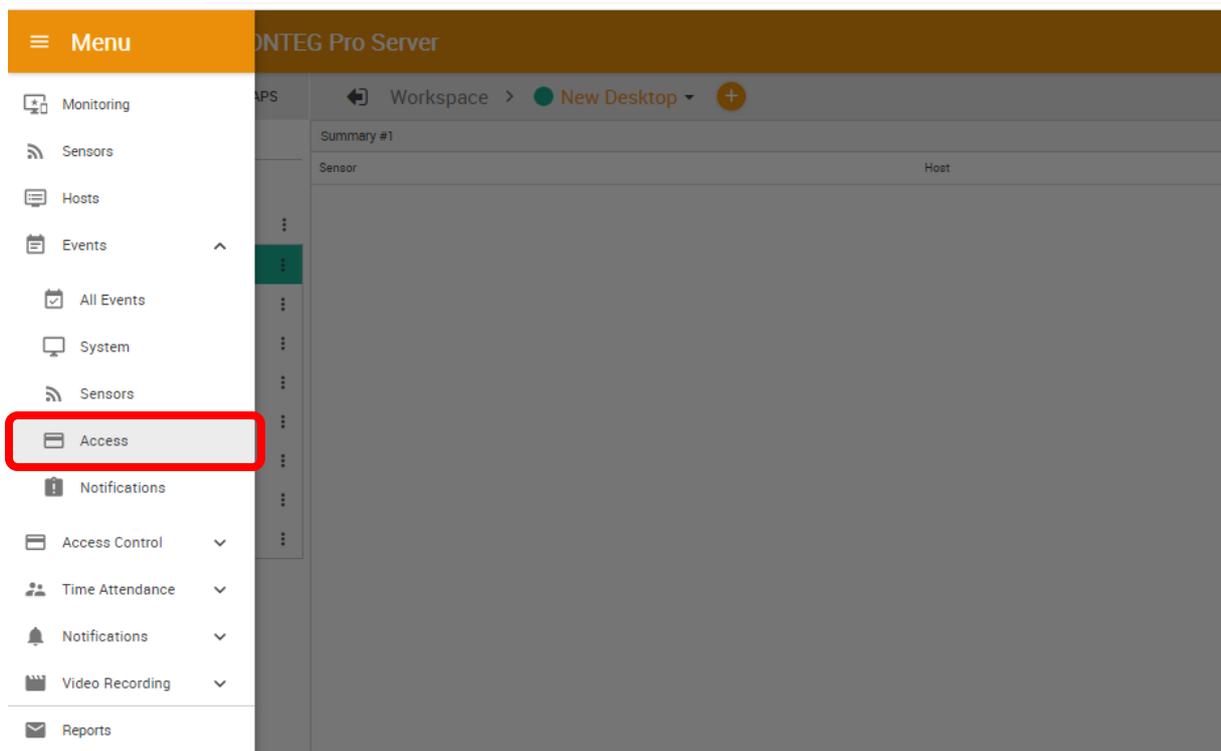


Set the User on CONTEG Pro Server app

When user is added to face recognition terminal, start CONTEG Pro Server app [CPS].

Terminal connected to the reader port is able to send modified ID to the RAMOS unit.

Scan the user face again on the terminal and in events access list is possible to see new ID.



Access

Events / Access

Search

FILTER EXPORT

↓ Date / Time	Message	Sensor	↑ Status	Host
24/02/2021 16:55:01	'Latch' status is now Closed	Latch	Closed	Demo Rack (192.168.0.4)
24/02/2021 16:55:01	'Cabinet Door Port 1' status is now Sensor Error	Cabinet Door Port 1	Sensor Error	Demo Rack (192.168.0.4)
24/02/2021 16:48:51	'Reader' is now online	Reader	Awaiting Input	Demo Rack (192.168.0.4)
24/02/2021 16:48:51	'Latch Reader' is now online	Latch Reader	Awaiting Input	Demo Rack (192.168.0.4)
24/02/2021 16:48:51	'Latch' is now online	Latch	Closed	Demo Rack (192.168.0.4)
24/02/2021 16:48:51	'Door Port 1 (Reader IN)' is now online	Door Port 1 (Reader IN)	Awaiting Input	Demo Rack (192.168.0.4)
24/02/2021 16:48:51	'Cabinet Door Port 1' is now online	Cabinet Door Port 1	Closed	Demo Rack (192.168.0.4)

Display 20

After scanning user s face on access list will show up new ID. Click on the ID number and add the new user to CPS user list.

Access

Events / Access

Search

FILTER EXPORT

↓ Date / Time	Message	Sensor	↑ Status	Host
24/02/2021 17:01:38	'Reader' - Access Denied: Unknown User by card id 0000965667	Reader	Access Denied: Unknown User	Demo Rack (192.168.0.4)
24/02/2021 17:01:37	'Latch' status is now Closed	Latch	Closed	Demo Rack (192.168.0.4)

Enter the First and Last Name. ID is copied from event access list and don't forgot to select Group. Then click to add.

New User

Access Control / Users / New User

Upload

First Name * Last Name *

Card ID Card Type PIN(4 Digits)

Group *

Department

Telephone Ext.

Email

Valid From * Valid End

ADD CANCEL

Remaining part about setting of ACS is in CPS manual.

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