



C15/C18 – WinPro2 – DMS Integration Quick Guide

1) Install SQL and WinPro2 software as normal.

2) Install Device Management System.

<http://www.elid.com/support/tiki-index.php?page=Device+Management+System>

- Click [Next] only to proceed the installation.
- Don't change the folder location if integrate to WinPro.

3) Update WinPro version by the patch file:

<http://www.elid.com/support/tiki->

[download_wiki_attachment.php?attId=1692&page=Device%20Management%20System&download=y](http://www.elid.com/support/tiki-download_wiki_attachment.php?attId=1692&page=Device%20Management%20System&download=y)

- Upzip the file "WPExec_21227b_DMS.zip".
- Rename the files:
WPMgr.ex2 → WPMgr.exe
WPSvr.ex2 → WPSvr.exe
- Copy and replace the original files in WinPro and WinPro/Server folders

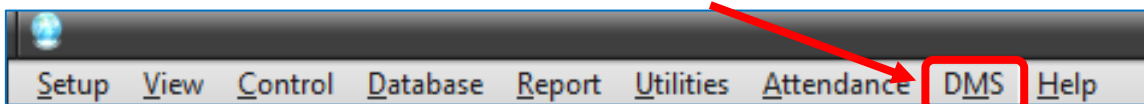
4) Modify EdotPro.ini:

[Options]

DMS_Link=1

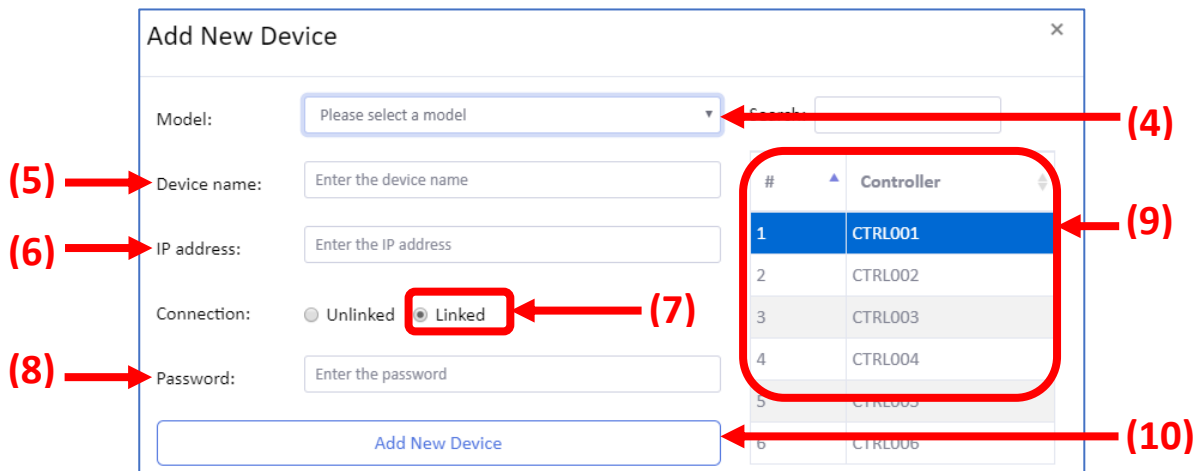
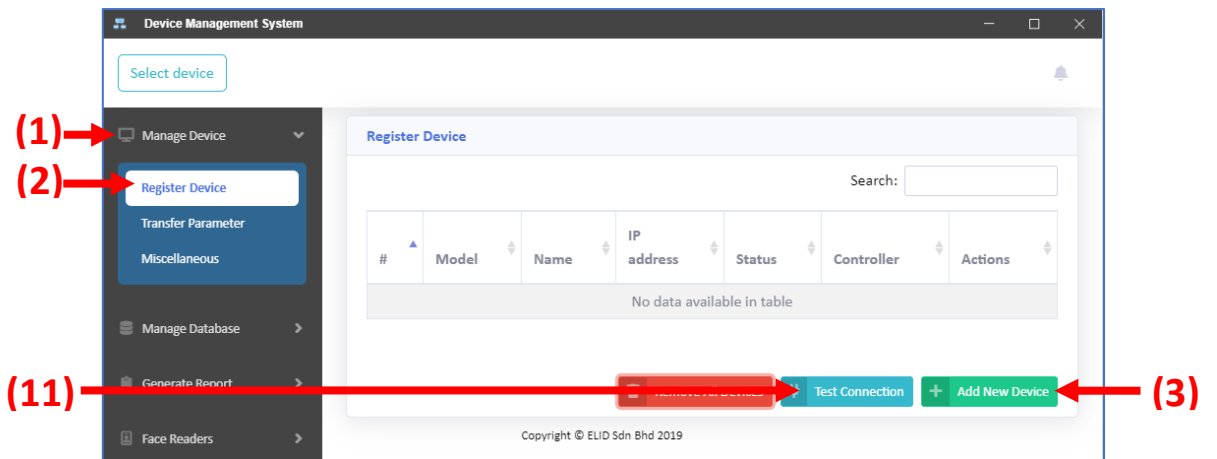
5) Open WinPro Server, then WinPro Manager.

6) Click on menu "DMS" to open Device Management System.





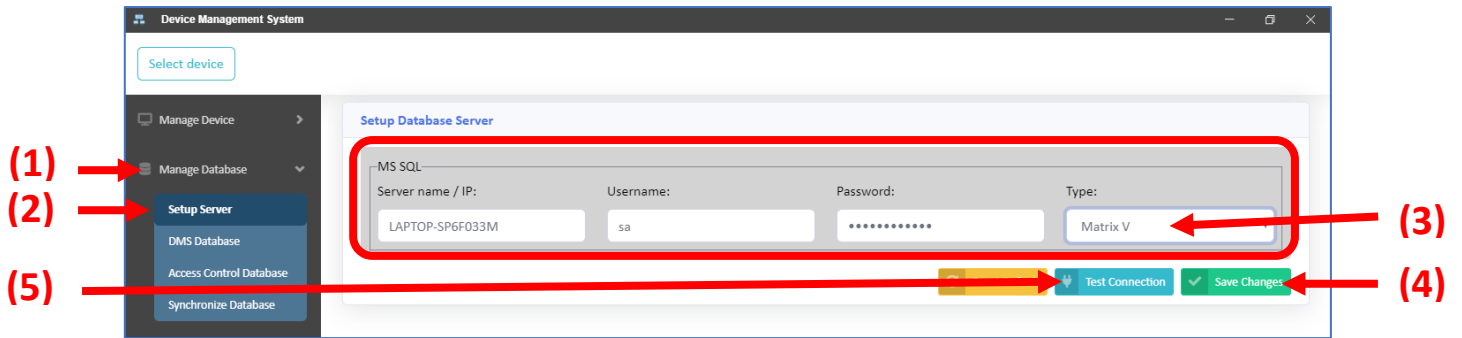
7) Add New Device



- (1) Click Menu [Manage Device]
- (2) Click on [Register Device]
- (3) Click on [Add New Device]
- (4) Select Model based on device (C15/C18)
- (5) Enter Device name
- (6) Enter the IP Address of device
- (7) Connection select [Linked]
- (8) Enter the password of device (C15/C18 Default: 12345678)
- (9) Highlight the linked controller
- (10) Click on [Add New Device]
- (11) Click [Test connection] to check whether C15/C18 is connected



8) Setup WinPro2 Database Server



(1) Click Menu [Manage Database]

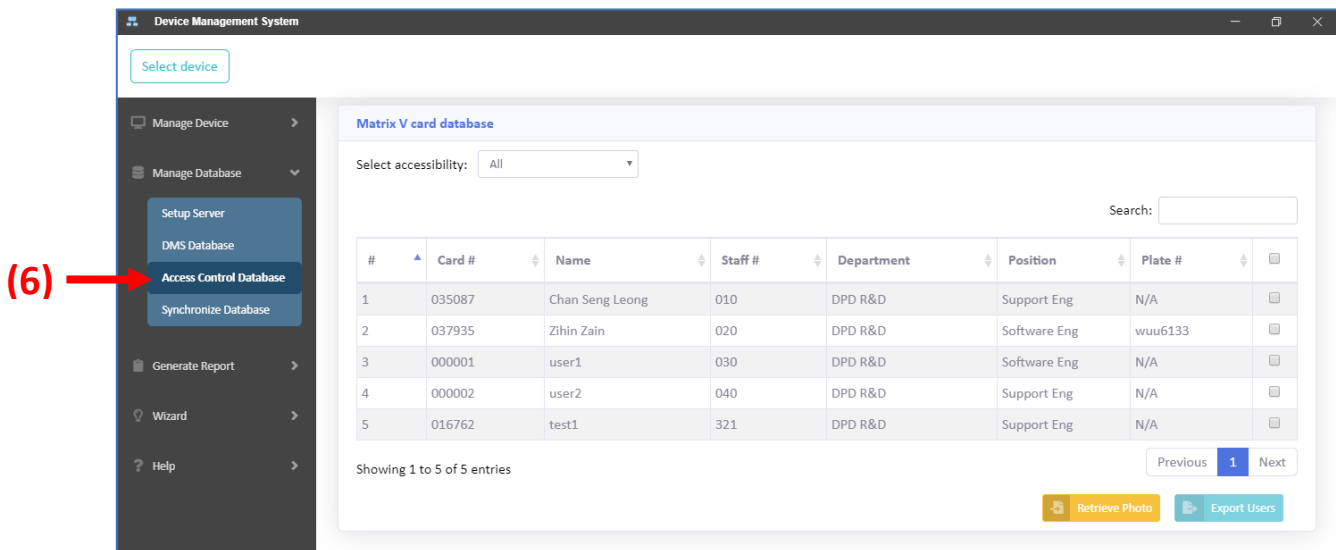
(2) Click on [Setup Server]

(3) Enter WinPro2 SQL Database details. **Note: Ensure that WinPro2 is selected for the type.**

(4) Click on [Save changes]

(5) Click on [Test Connection] to confirm the database is linked

(6) Click on Menu [Access Control Database] to confirm the database is synchronized.



Note: Now that the devices are registered, we need to register the card users into the devices. There are two ways to register the users: 1) Register photo from PC, 2) register photo from device.

If you want to register photo from PC, follow step **7) Register Face by Photo/PC Camera** and step **8) Synchronise WinPro2 Database with Device**, then skip step **9) Register Face by Device**.

Otherwise, if you want to register photo from device, skip step **7) Register Face by Photo/PC Camera**, then follow step **8) Synchronise WinPro2 Database with Device**, and step **9) Register Face by Device**.



9) Register Face by Photo/PC Camera

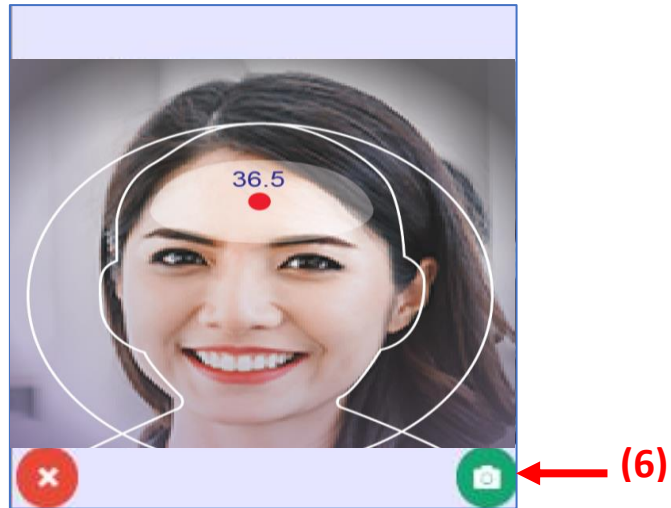
The screenshot shows the 'Device Management System' interface. On the left sidebar, 'Manage Database' is selected, and 'Access Control Database' is highlighted. The main area displays the 'Matrix V card database' with a table of staff members. A dropdown menu for 'Select accessibility' is set to 'All'. The table contains 5 entries, with the first four rows highlighted in red. At the bottom, there are buttons for 'Retrieve Photo' and 'Export Users'.

#	Card #	Name	Staff #	Department	Position	Plate #	
1	035087	Chan Seng Leong	010	DPD R&D	Support Eng	N/A	☑
2	037935	Zihin Zain	020	DPD R&D	Software Eng	wuu6133	☑
3	000001	user1	030	DPD R&D	Software Eng	N/A	☑
4	000002	user2	040	DPD R&D	Support Eng	N/A	☑
5	016762	test1	321	DPD R&D	Support Eng	N/A	☑

- (1) Click on Menu [Manage Database]
- (2) Click on [Access Control Database]
- (3) Select Accessibility that the required staff belongs to
 - For first time use, select [All]: All Accessibility
- (4) Select the required staff to register their face

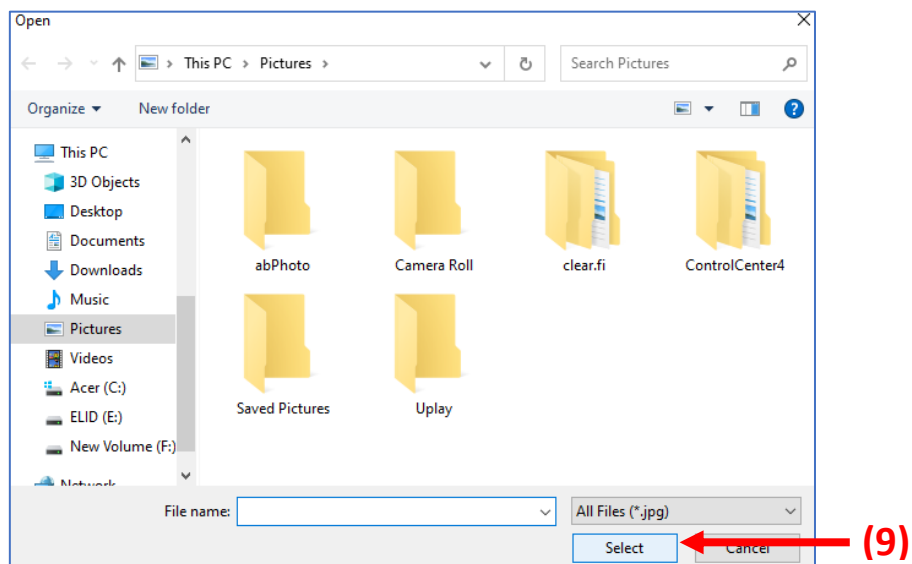
The 'Edit James' Info' dialog box shows three columns for 'Registered images'. Each column has two buttons: 'Add from PC Camera' and 'Add from local file'. Below the images, there is a 'Registered plate number' section with a text input field containing 'No registered plate number', another text input field for 'Enter a new plate number', and a green '+ Add plate number' button. At the bottom, there is a large 'Apply' button.

- (5) Click on [Add from PC Camera] to register face by PC webcam



(6) Click on the icon  to capture image

(7) Click on [Add from local file] to register face by photo



(8) Select the required photo from PC

(9) Click [Select] to import the photo file into software

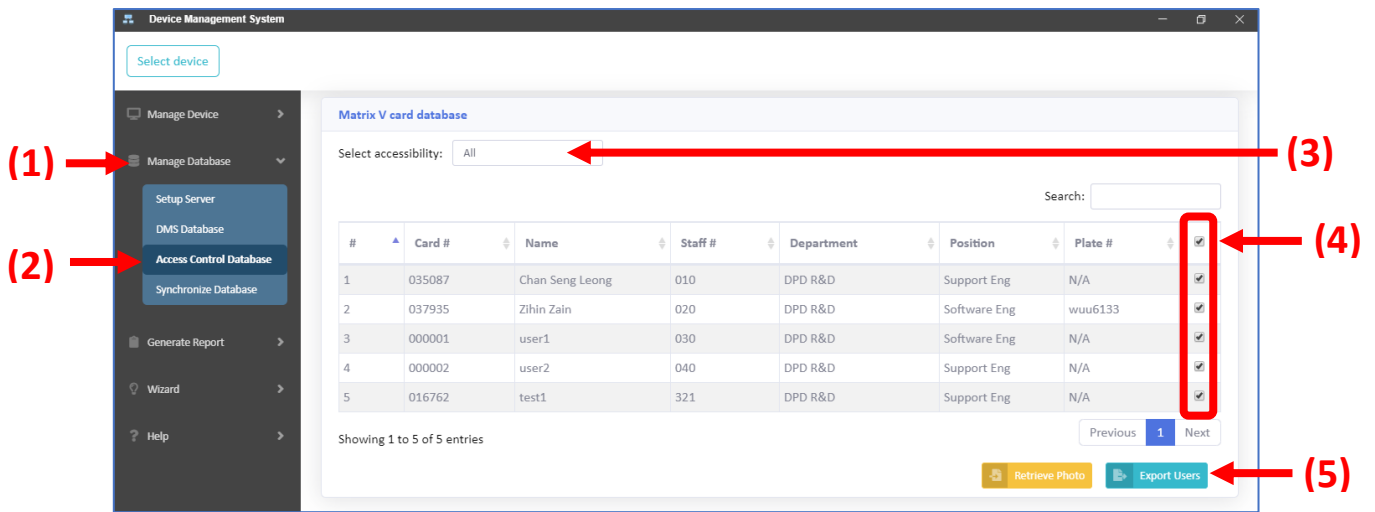
(10) Repeat steps (5) to (9) to register 3 faces per staff

(11) Click [Apply] to apply the registration into software

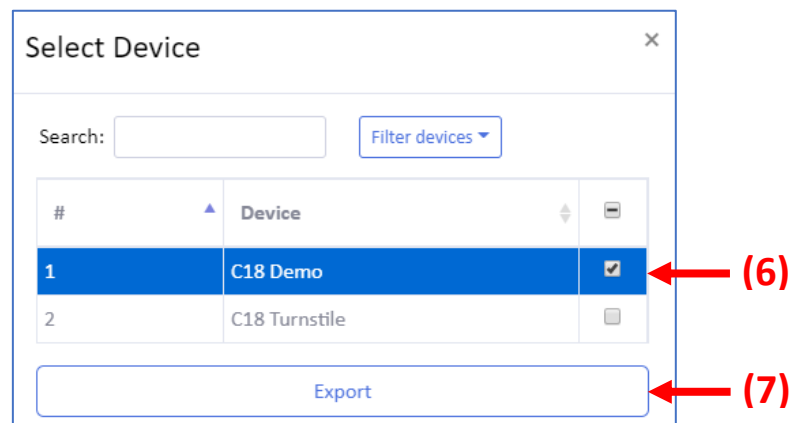
(12) Repeat Steps (3) to (11) for every staffs who required to register face



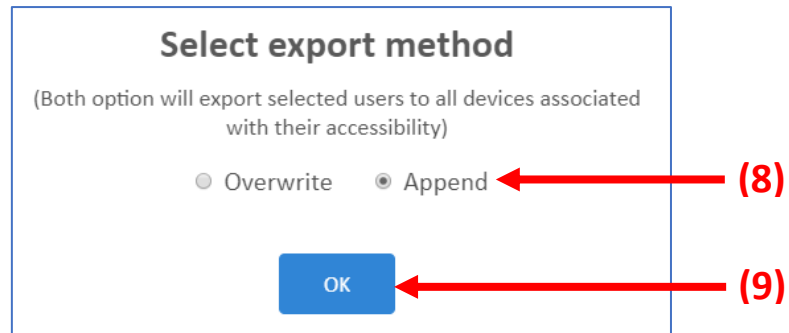
10) Synchronise WinPro2 Database with Device



- (1) Click on Menu [Manage Database]
- (2) Click on [Access Control Database]
- (3) Select the required Accessibility
 - Accessibility is duplicated from WinPro2 database
 - For first time use, select [All]: All Accessibility
- (4) Tick on the required staff to synchronise with the device
 - For first time use, tick all
- (5) Click on [Export Users]



- (6) Tick on the target device
 - For first time use, tick all
- (7) Click on [Export]

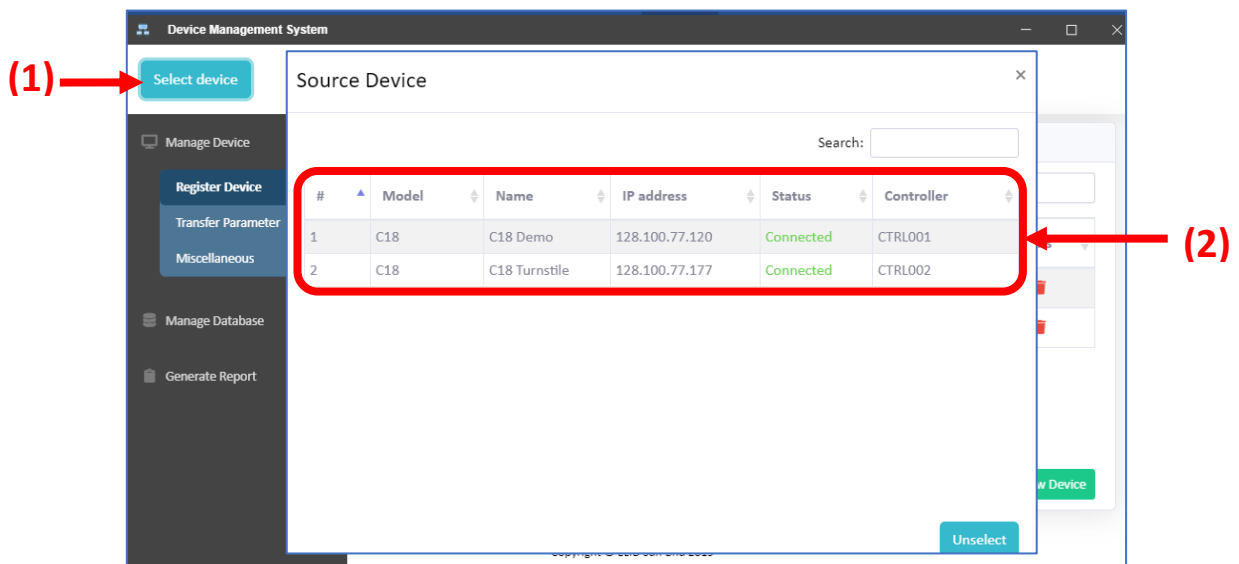


(8) Tick [Append]

- [Overwrite] will delete all database in the device, then add in the selected staff

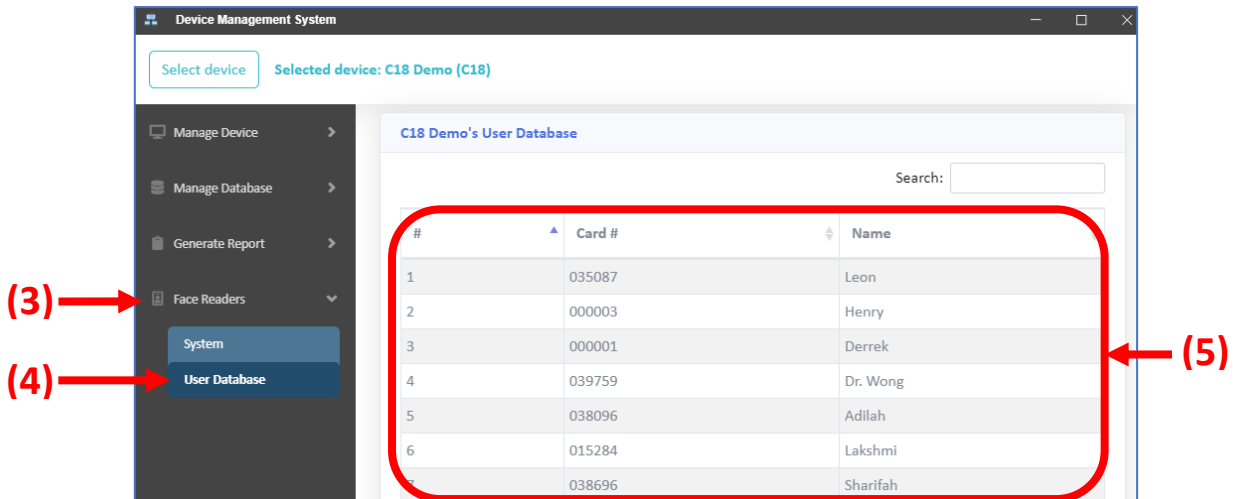
(9) Click [OK] and wait for the exporting finish

11) Register Face by Device

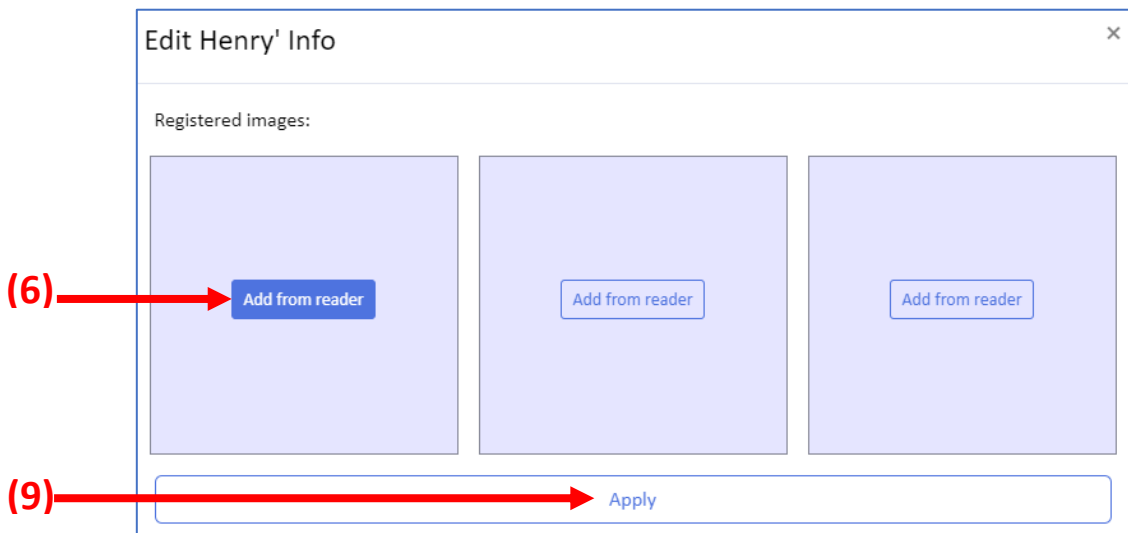


(1) Click on Menu [select device]

(2) Click on the required device to register face



- (3) Click on menu [Face Readers]
- (4) Click on [User Database]
- (5) Select the required staff to register their face by device



- (6) Click [Add from reader] to activate the device into Facial Registration Interface
- (7) The staff should stand at a distance of more than one arm directly in front of the device according to the device prompt, maintaining a calm expression, facing the face machine squarely, and ensuring that the face is waiting for the registration to be completed in the middle of the screen
- (8) Wait for the registered photo appear in the box
- (9) Click [Apply] and wait for exporting finish



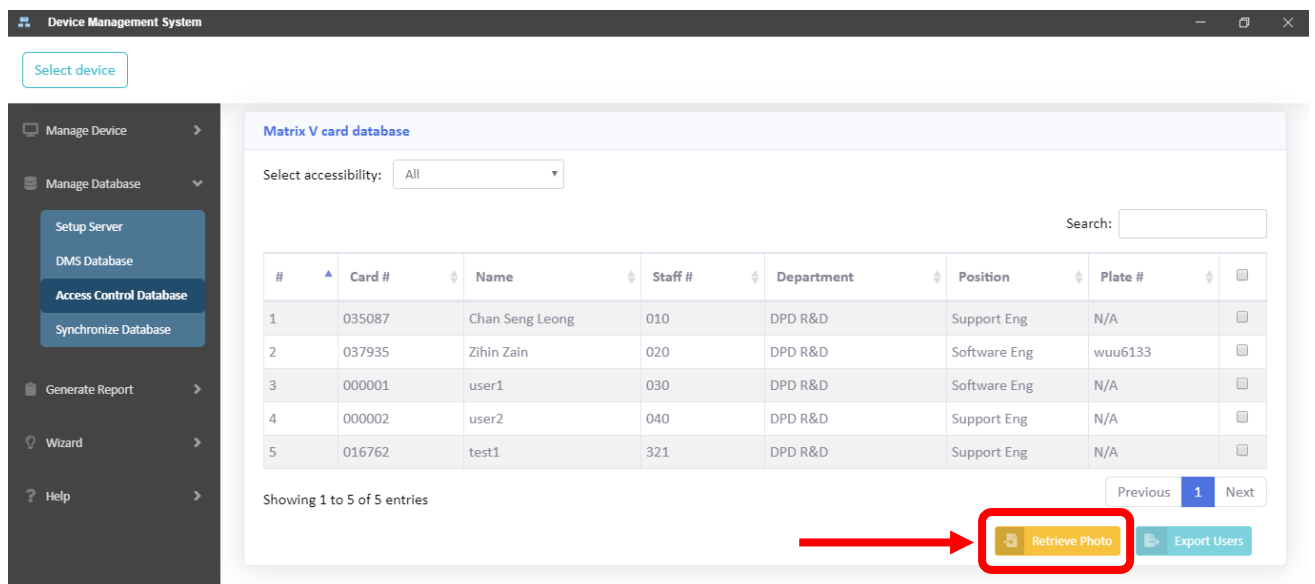
Caution:

The faces that registered by C15/C18 device is not tally with DMS software database.

Please don't do [Export Users] in the Menu [Access Control Database] after this, else the user database in C15/C18 device will be overwritten and loss all the registered face.

Note:

You can retrieve the photo from the devices and save them in your PC by clicking on the retrieve photo button in the Menu [Access Control Database]. **This will overwrite existing photo in your PC.**



12) Device's database synchronization (add/delete card users)

- (1) Click on Menu [Manage Database]
- (2) Click on [Synchronize Database]
- (3) Select a device
- (4) Click compare button
- (5) Select the users to add to the device
- (6) Select the users to remove from the device
- (7) Click update button to update the device's database



Device Management System

Select device

(1) → Manage Database

(2) → Synchronize Database

Synchronize Database

Select device: c18 a

Search:

Search:

Matrix V's card database

#	Card #	Name
1	035087	Chan Seng Leong
2	037935	Zihin Zain
3	000001	user1
4	000002	user2
5	016762	test1

Showing 1 to 5 of 5 entries

Previous 1 Next

c18 a user database

#	Card #	Name
1	222	a
2	333	e

Showing 1 to 2 of 2 entries

Previous 1 Next

(3) →

(4) → Compare

Device Management System

Select device

(5) → Synchronize Database

Synchronize Database

Select device: c18 a

Search:

Search:

Recently added to Matrix V's database

#	Card #	Name	<input type="checkbox"/>
1	035087	Chan Seng Leong	<input type="checkbox"/>
2	037935	Zihin Zain	<input type="checkbox"/>
3	000001	user1	<input type="checkbox"/>
4	000002	user2	<input type="checkbox"/>
5	016762	test1	<input type="checkbox"/>

Showing 1 to 5 of 5 entries

Previous 1 Next

Recently removed from Matrix V's database

#	Card #	Name	<input type="checkbox"/>
1	222	a	<input type="checkbox"/>
2	333	e	<input type="checkbox"/>

Showing 1 to 2 of 2 entries

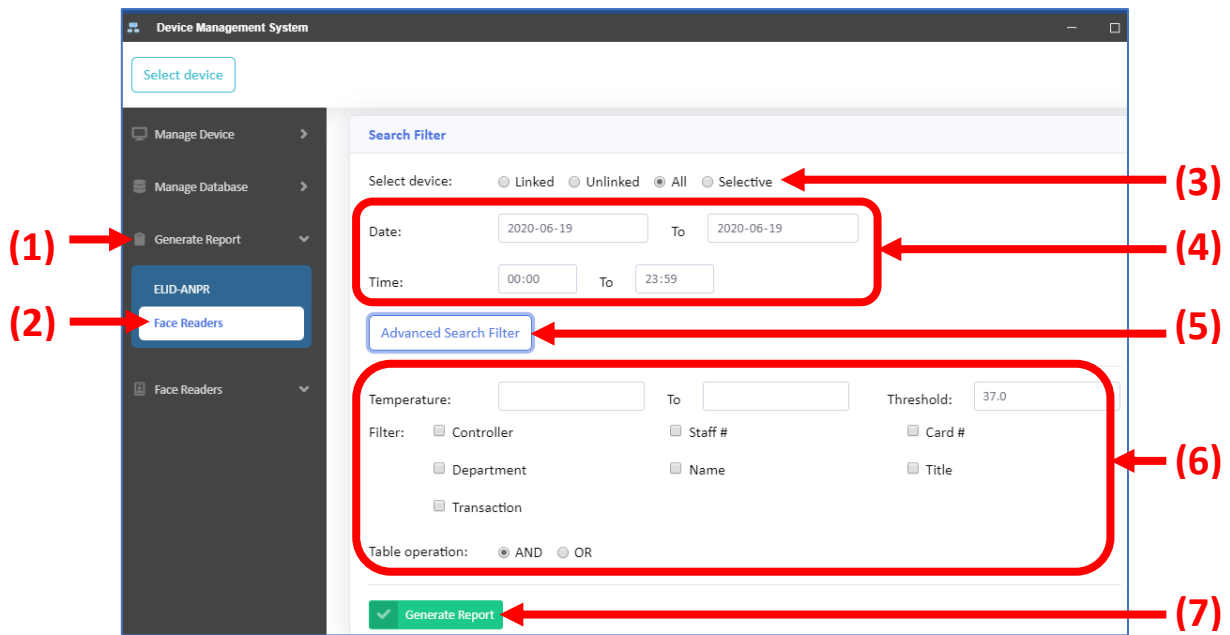
Previous 1 Next

(6) →

(7) → Update



13) Generate Report



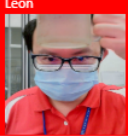
- (1) Click menu [Generate Report]
- (2) Click on [Face Readers]
- (3) Select the required device to generate report
- (4) Enter the filter of Date & Time
- (5) Click on [Advanced Search Filter]
- (6) Enter the required filter
 - Threshold: Temperature higher than threshold value is highlighted in report
- (7) Click on [Generate Report] to generate the report as below:



(1) (2) (3) (4) (5)

Transaction Report

View Export Print New Search Search:

Device	Date	Time	Card #	Name	Staff #	Department	Position	Transaction	Temperature
CTRL001	19/06/2020	10:02	035087		035087	Marketing	Executive	0 Valid Entry	42.0
CTRL001	19/06/2020	10:02	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.4
CTRL001	19/06/2020	09:32	035087	Leon	035087	Marketing	Executive	0 Valid Entry	35.9
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.3
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.5
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.5
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.5
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.5
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.0
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.0
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.4
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.1
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	35.9
CTRL001	19/06/2020	09:26	035087	Leon	035087	Marketing	Executive	0 Valid Entry	36.3

Showing 1 to 19 of 19 entries Previous 1 Next

- (1) Click on [View] and select the table view filter if necessary
- (2) Click on [Export] to export the report in either .csv, .xls or .pdf format.
- (3) Click on [Print] to print the report.
- (4) Click on [New Search] to generate another report with different filters.
- (5) Enter the search subject to obtain the required report.