
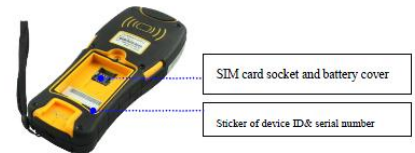


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FG-1 Fingerprint GPRS Guard Tour System

I. Parameter

	TFT 2.4 ' High-definition color display
	125kHz EM card (TI 13.56Mhz can be customized)
	Response time<0.1S
	LED flicker + beeps+ screen display for success operation
	10,000 logs memory capacity
	GPRS transmission
	High speed free driver , 10 times faster speed then market products
	300 pcs fingerprint capacity
	Can set 15pcs patrol item for each signal check point
	Numeric item can be 12 digit (8 digit before decimal point, 4 digit after decimal point)
	5 options for each logical item
	Battery: 1350mAh rechargeable lithium battery
	Power Consumption: 60~180mA
	Size:170*75*40MM
	Weight 200g



II .System configuration list

 <p>Patrol device (Ask purchase)</p>	 <p>Protective case (Accessories)</p>	 <p>Check point (additional purchase)</p>	 <p>Battery(Accessories)</p>	 <p>Charger adapter (Accessories)</p>
 <p>Staff ID card (Additional purchase)</p>	 <p>USB cable (Accessories)</p>	 <p>PC based software (Accessories) Web based software (additional purchase)</p>	 <p>Computer (owned)</p>	 <p>Printer (owned)</p>

III . Operation

3.1 Reading and data transmission

During patrol, security officer walk around the scheduled ,firstly to scan their staff ID card to login as confirmation for personnel identity . When they arrived to patrol site, close check point in 3~5cm with device, device will detect check point automatically (user can enter the patrol result for each patrol item/task). As all scanning finished, device store all collected data automatically and sent to connected server in real time

How to verify whether data sent out successfully ?

Picture

2016-09-12

✉ 00039/00008

(00039/0008 means Total records : 39pcs . Unsent record: 8pcs) . Which means there are 8pcs data not sent out successfully .

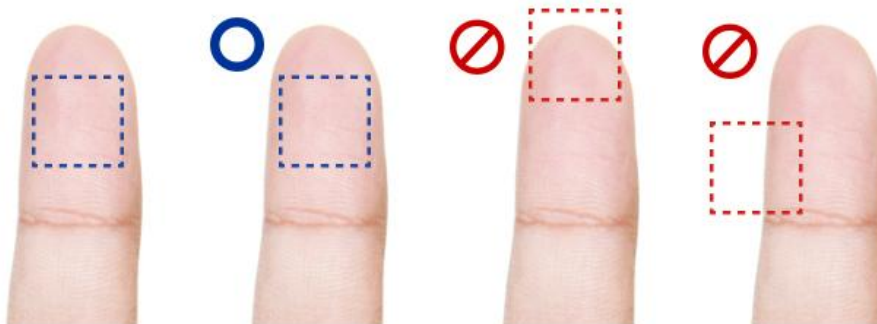


3.2 Fingerprint registration

There are 2 types fingerprint can be registered : manager (10pcs)and inspector(290pcs)

Manager fingerprint are used for fingerprint management , inspector fingerprint are used for operation

Click menu button→ Fingerprint manager→ Register inspector→Press fingerprint to register your fingerprint on device (you will get a device ID once fingerprint registered successfully). Can register 290pcs fingerprint in total for inspector



Tips : If you want to make name displayed on device , have to link your registered fingerprint ID with name (step [4.2.4](#)) , then updated to device . Or device will show all fingerprint with unknown name”

3.3 Send SOS alarm

Go to the logo page for long pressing button“*” 10 seconds or go to menu page to click” send alarm”.

Once alarm sent out successfully, device screen will popup “Sent successfully”. At the same time ,central software will pop up the alram flash icon and voice sound.



Alert!Alert!Alert!!!

Alarm person: Sam **Alarm location:**ZOOY2 **Route:**test schedule **Alarm time:**2018-06-29 09:46:48

Ignore

Act now

Tips : This function can be active only once all device and software setup finished , you can confirm this function after step [4.2.5](#)

3.4 SIM Card installation

Open the device battery cover (as below)



IV. Basic software installation

4.1 Software installation

Please refer to the “Help” document from software CD

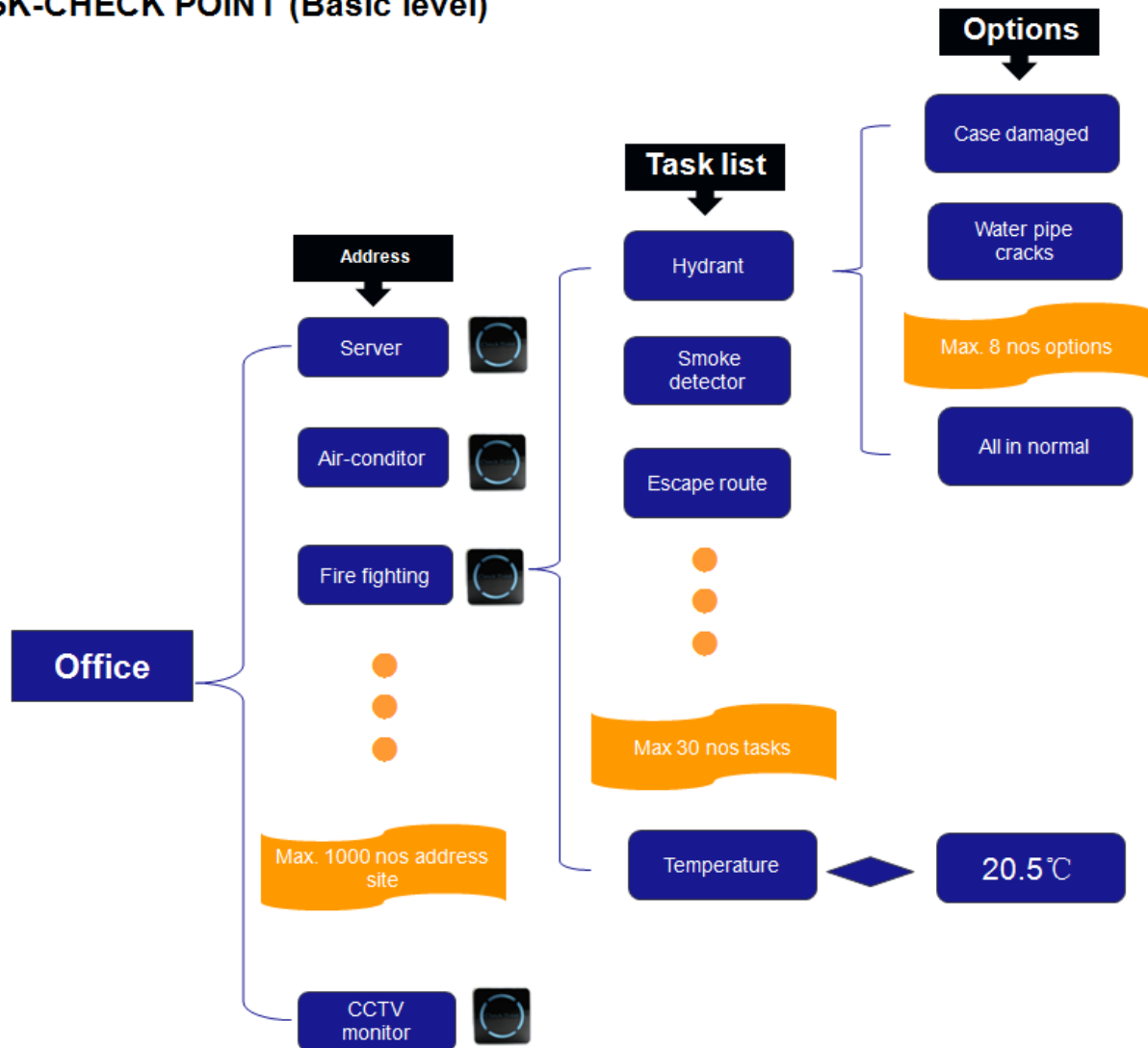
4.2 Software setup

4.2.1 Basic settings

4.2.1.1 Item setup

This device support support Item user defined (exception as below picture)

TASK-CHECK POINT (Basic level)



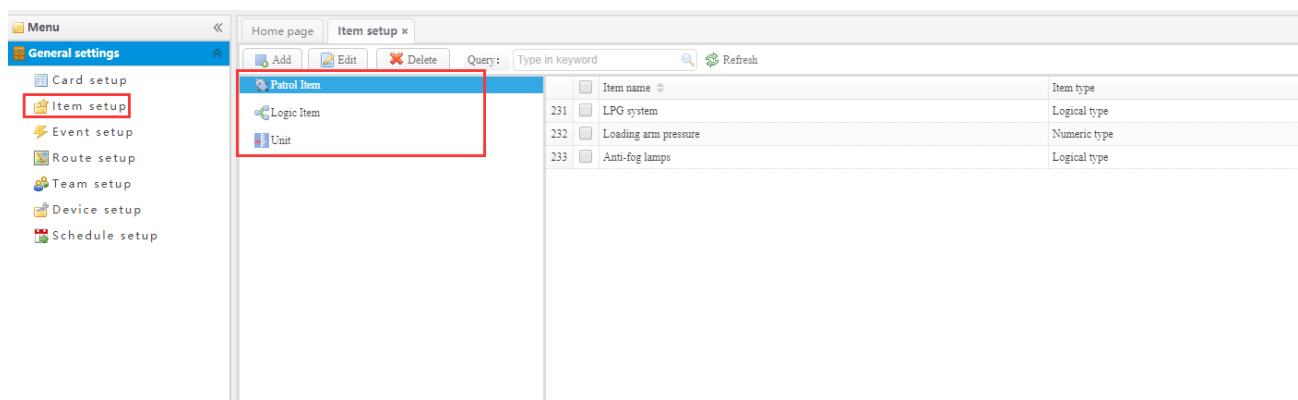
Setup: Item Setup——> add Item name , logical options and unit one by one (as below)

As above picture

Task list means the patrol item . Eg.: Hydrant, Smoke detector, Escape route and etc which ask be patrolled during security officer's patrolling (notice: while setup in software , there are options to remind user classify its NUMERIC or logical item. NUMERIC type: such as temperature , voltage , electricity current, person amount , these ask to type in number as result, we classify these are Numeric item . LOGICAL type: need to select result from default options for status or result, such as cleaning status, air conditioner switch and etc.)

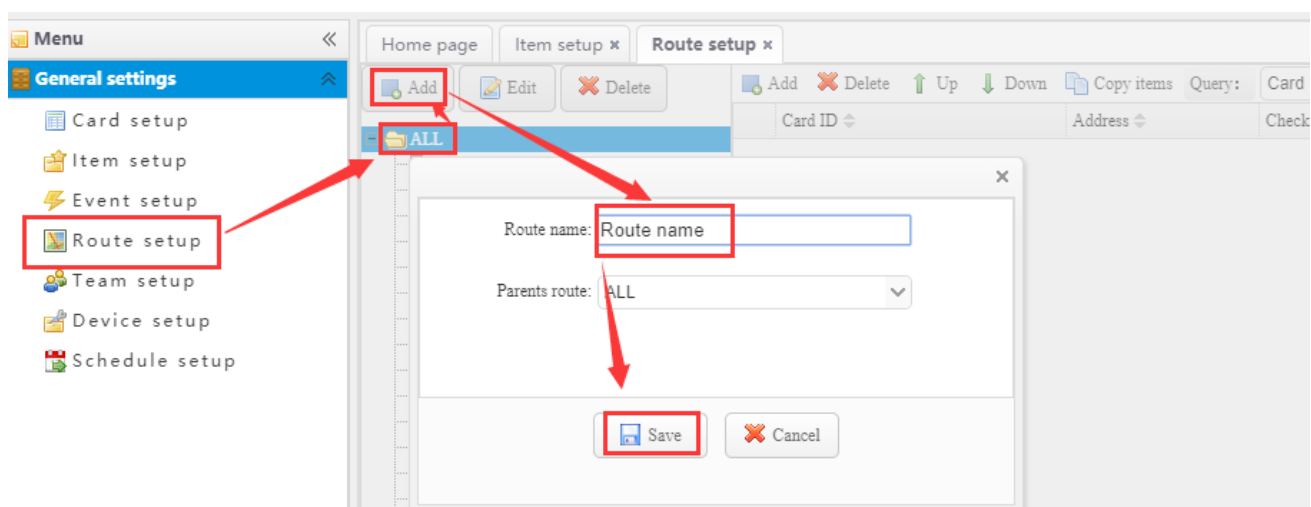
OPTION is logical option

UNIT: such as °C, PCS, UNIT, m ³and etc.



4.2.1.2 Route setup

Go to “General setup”> **Route setup** -> **Click All**-> **Add**-> **Type in route name** -> click “**Save**”.



Add check point to patrol route -> If need to add check item to connected check point , select patrol item-> Add, tick the item from list and add to each check point (every check point allow 30pcs different item maximally, you can add based on your actual demand , can ignore also). If you add “Logical type item , then need to add the logical options at right for this patrol item .

If you add “ Numeric type “ patrol item , then need to add unit at the right .

Menu

General settings

- Card setup
- Item setup
- Event setup
- Route setup** 1
- Team setup
- Device setup
- Schedule setup

Home page Route setup x

ALL Secutech Vietnam2018 2

Card ID	Address	Check item amount
00B0222E 3	Security hall	5
00B08328	Smart home hall	5
00B0AC76	Fire protection ha	0
00B08CE5	Service center	0

Patrol items

Add Delete Up Down

Item name	Item type
1 power	Logical type
2 temperature	Numeric type
3 Trash cleaning	Logical type
4 Exit signs	Logical type
5 Environment humidity	Numeric type

4

Item name Item type

- ☐ Indicator lighting time Numeric type
- ☐ Appearance Logical type
- ☐ Push button Logical type
- ☐ Loop voltage Numeric type
- ☐ fire extinguisher date Logical type
- ☐ fire extinguisher quantity Logical type

20 Page 7 of 11

Displaying 121 to 140 of 212 items

Max items : 30 Existed items : 5 Selected item : 0 Available item : 25

5

All None **Submit** Cancel

Add Delete Up Down Copy items Query: Card ID Refresh

Card ID	Address	Check item amount
1 00B0222E	Security hall	5
2 00B08328	Smart home hall	5
3 00B0AC76	Fire protection ha	0
4 00B08CE5	Service center	0

Edit

Max value: 0.0000

Min value: 0.0000

Default value: 0.0000

Unit: °C

min
123
m²
MPa
r/s
PCS
%
Kpa
°C

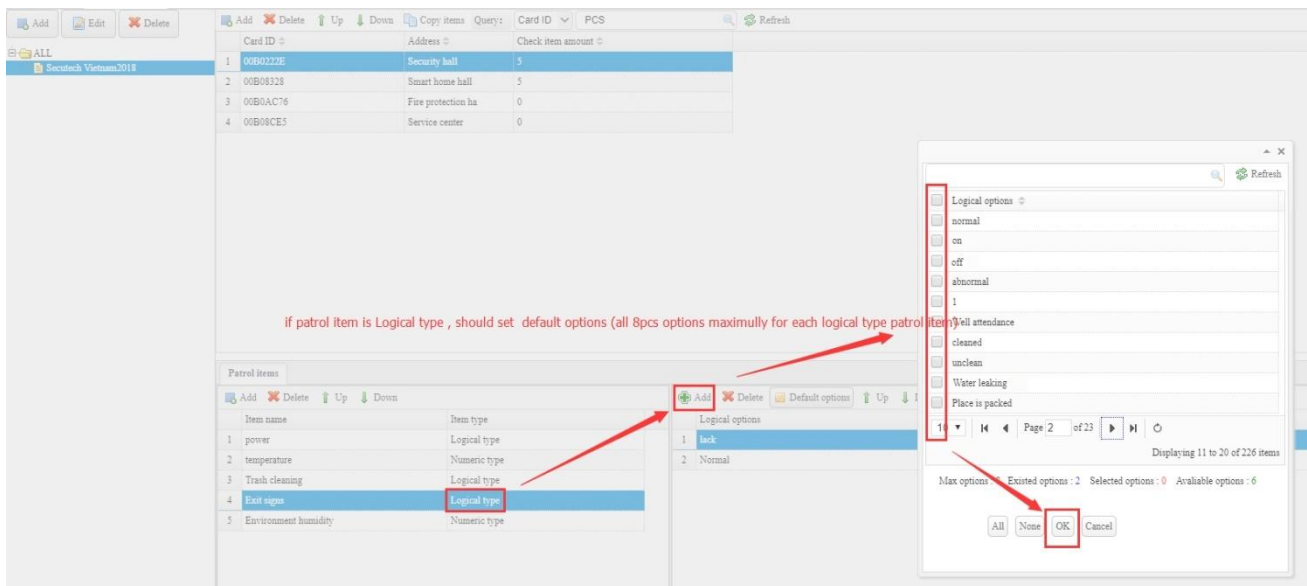
set default UNIT for numeric patrol item

Patrol items

Add Delete Up Down

Item name	Item type
1 power	Logical type
2 temperature	Numeric type
3 Trash cleaning	Logical type
4 Exit signs	Logical type
5 Environment humidity	Numeric type

Max value	Min value	Unit
0	0	°C

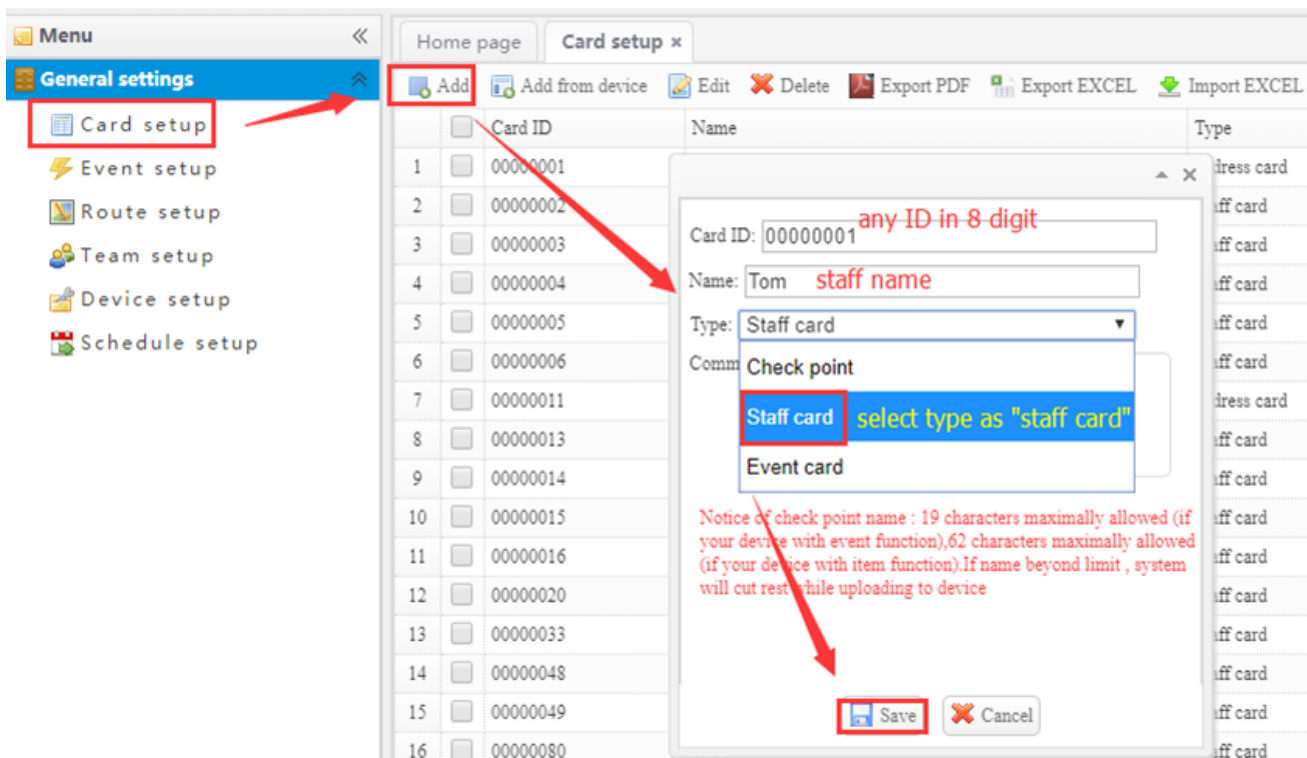


4.2.1.3 Staff setup from card setup

For later operation use, to bind fingerprint ID with specified staff .

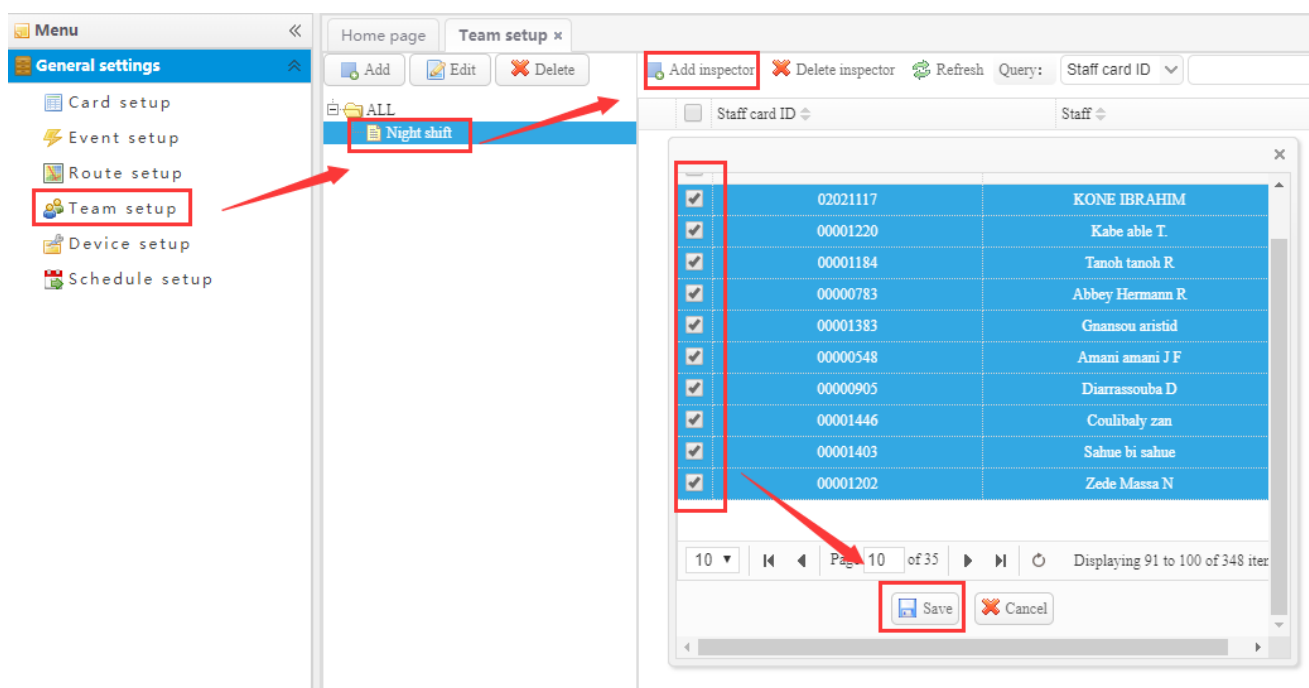
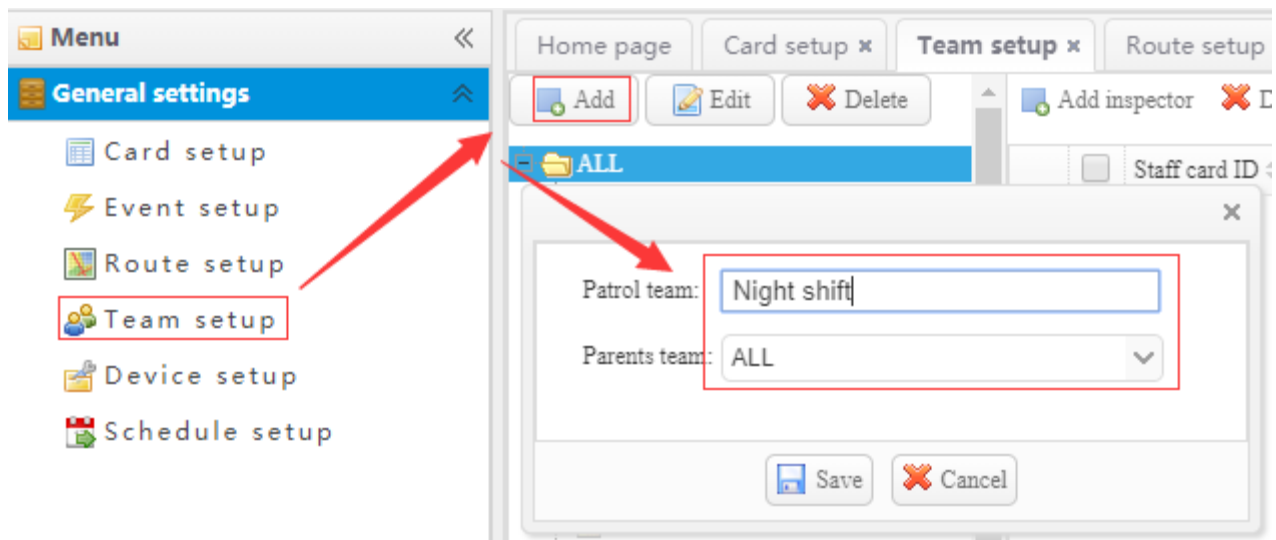
Step 1 :

Go to “card setup”→ Add → Enter Card ID (can be an Any 8-digit number) , enter Name (staff name)→Select type as “Staff card”



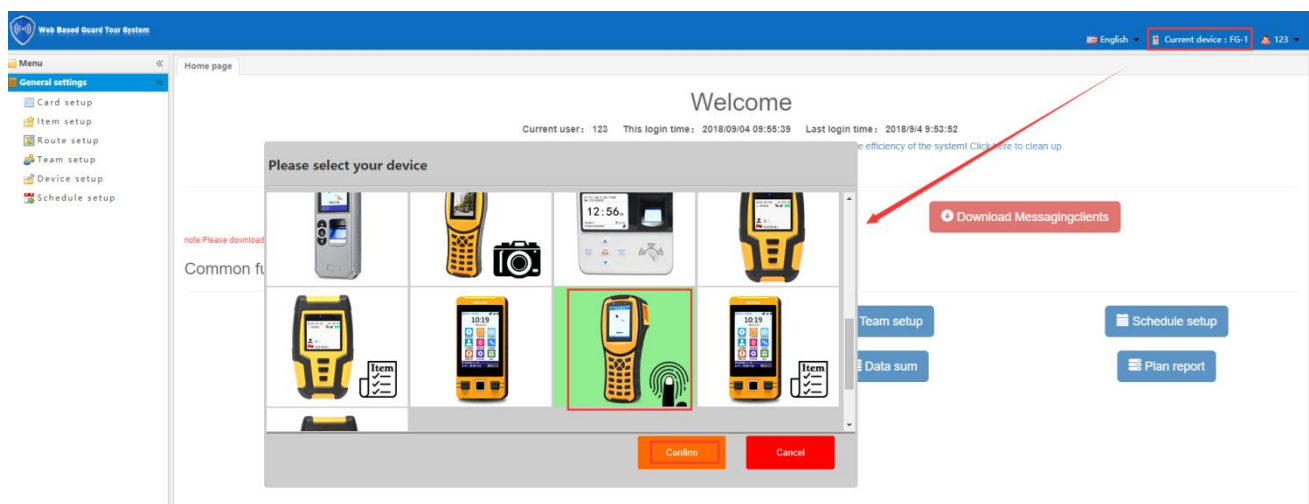
Step 2:

Add created staff to team (this is not necessary step , team can facilitate a clearer staff management in view)



4.2.2 Communication

Connect device with software by USB cable , login software and select the device picture as what you use .



Start communication by click “Start communication ”



to go to communication page , if there is

no response , please click “Download Messagingclients”



to download the communication

program first (when your first time to use this software , please MUST download communication program). Same


PC only need to install this program at first time use .

Go to communication page , add your patrol device to your created route → type in serial number→ Give device a name to help your better memory and classification for device → enter your timezone

Home page

Welcome

Current user: secutechvn This login time: 2018/07/26 11:30:25 Last login time: 2018/07/26 10:24:19
Sum records: 258618 Patrol record now more than 50000 logs, suggest you to clear data to improve the efficiency of the system! [Click here to clean up](#)
6.0.40

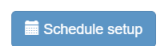
note Please download the communication program, and install the communication program after installation

Common function










Client V6.0.40

Basic info

Connection status: [Well connection](#) Device model: 00010508 Record: 0 Impact record: 0

Bind route: --


Device operation

 Clear up record

Communication operation

 Download record

 Card registration

 Set clock

☐ Auto-clearup device's data after download

Bind route

select one of route from you created and add this device to it

Bind route:

Secutech Vietnam2018

Serial No:


Device name:

you can give this device a nickname (help you to classify device when you have multiple device)

Your timezone:

08:00:00 your location time zone

Note: after bind route, all patrol data and query data result are related to this route; Your timezone is different with host, please select your timezone!

 Save

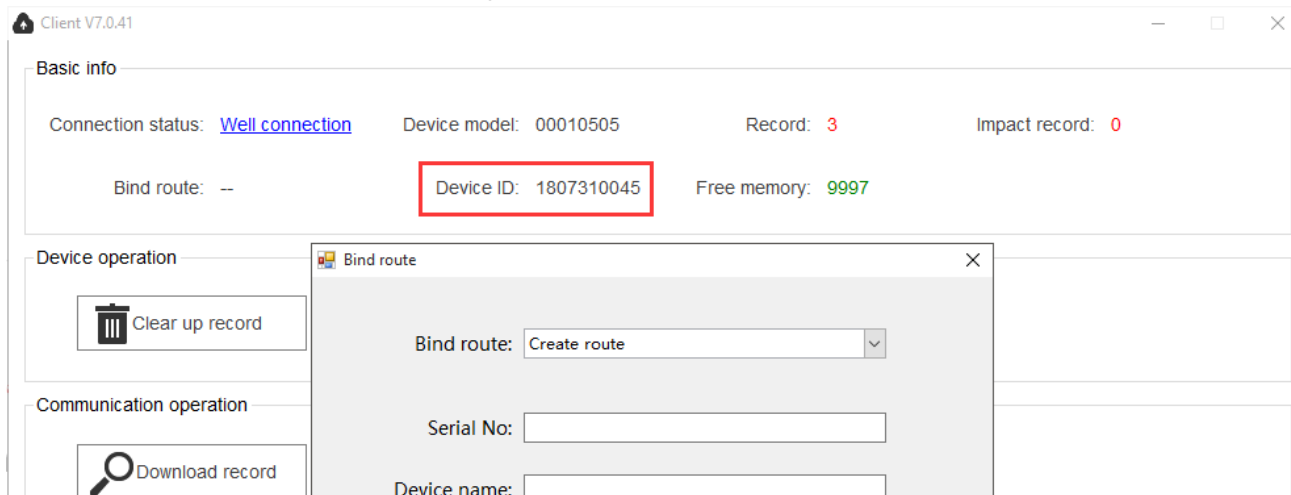
Set clock as current 2018-07-26 11:33:52 Current user secutechvn

Where to find the Serial No. ?

Method 1 : Open device battery cover , device ID and serial ID is pasted inside .



Method 2 : If your sticker lost or can not find , you can ask your vendor by offering them device ID (device ID can be checked from software when connecting with software).



4.2.3 Configure network (this step is very important for GPRS data transmission)

Client V6.0.40

Basic info

Connection status: [Well connection](#) Device model: 00010601 Record: 80 Impact record: 2

Free memory: 79920

Network configuration

IP/Domain name:
e.g. : 111.111.11.11 or www.google.com

Port: default 4321
e.g. : 8888

APN:
e.g. : cmnet

User:
Note : unrequire Optional

Password:
Note : unrequire Optional

WIFI authentication: WPA2PSK

WIFI encryption: AES

Save

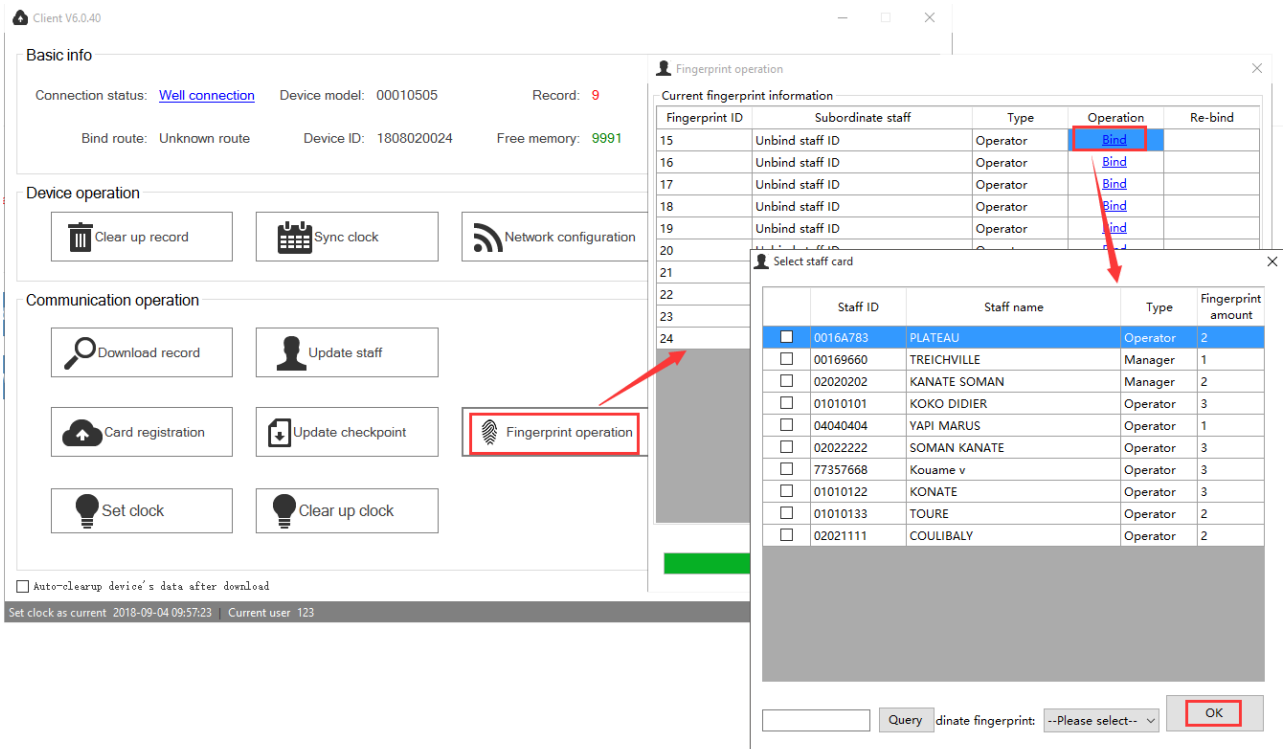
Network configuration Show network

Set clock as current: 2018-07-25 18:03:58 Current user: admin

Click “Save” and restart device manually by long pressing power button → go to menu page ,press button **#06#** to confirm whether network information is same as your setting in software .

4.2.4 Fingerprint binding

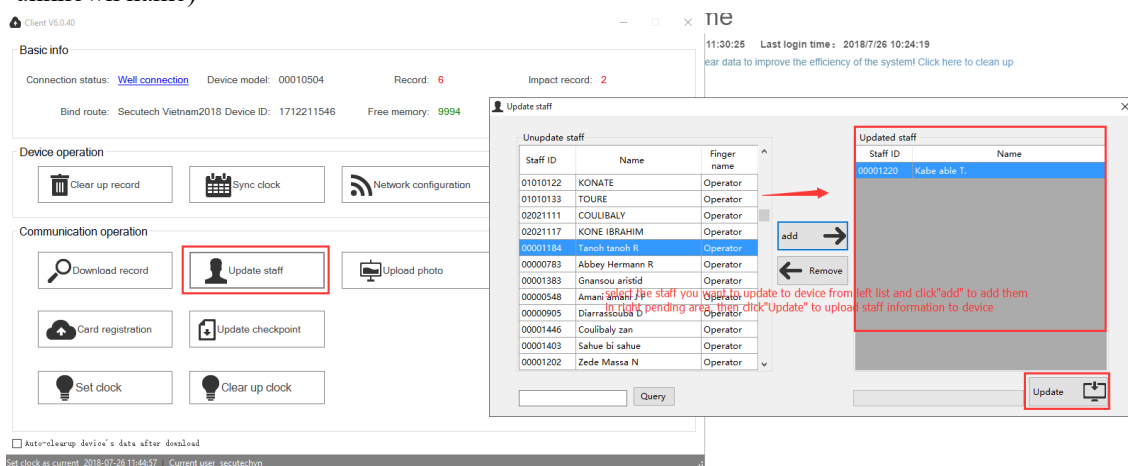
Click “fingerprint operation” while device is in connection , all registered ID on device will be listed out , click “Bind” to extract staff you created and select the correct staff to bind them with correct fingerprint ID.



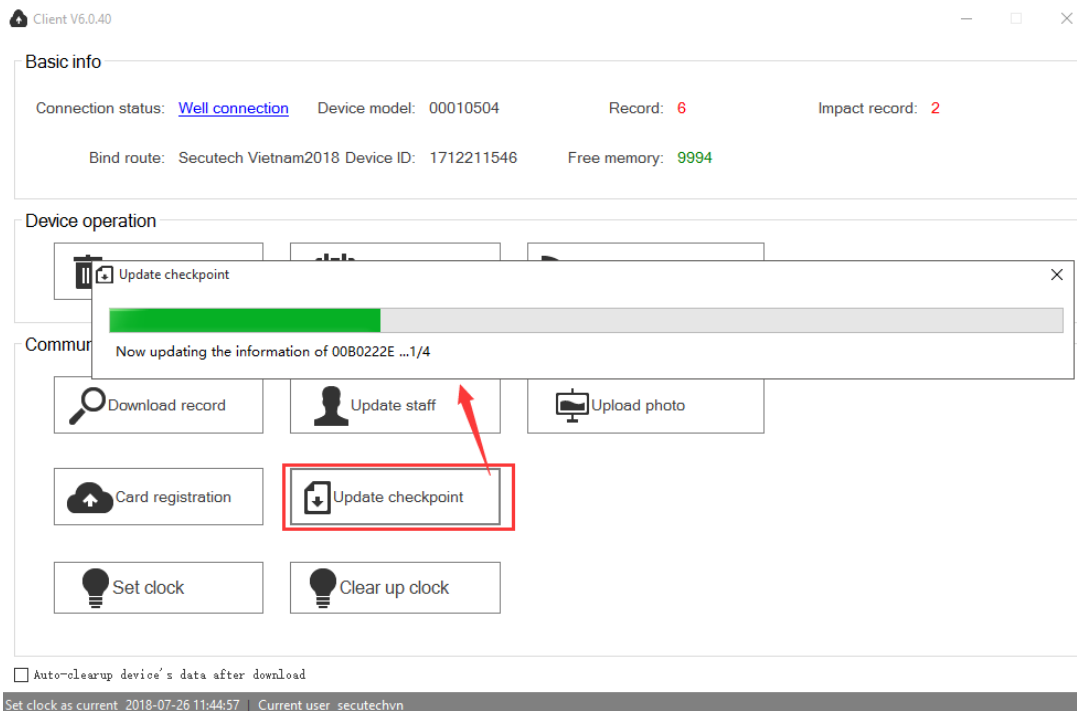
NOTICE: Every person is only allowed bound with 3 pcs fingerprint maximally (means any finger he pressed on device , will be displayed with his name , this is to avoid one of finger can't be recognized).

4.2.5 Upload Clock/Card setup and personnel information to device .

Update staff info from software to device (this step is to make staff name you set in software can be displayed on device when read related staff ID card . If not click this step, when guard scan their staff ID card , device will show “unknown name”)



Update check point from software to device (this step is to make check point name and patrol item you set in software can be displayed on device when read related check point/address card . If not click this step, when guard scan check point , device will show “unknown point”)



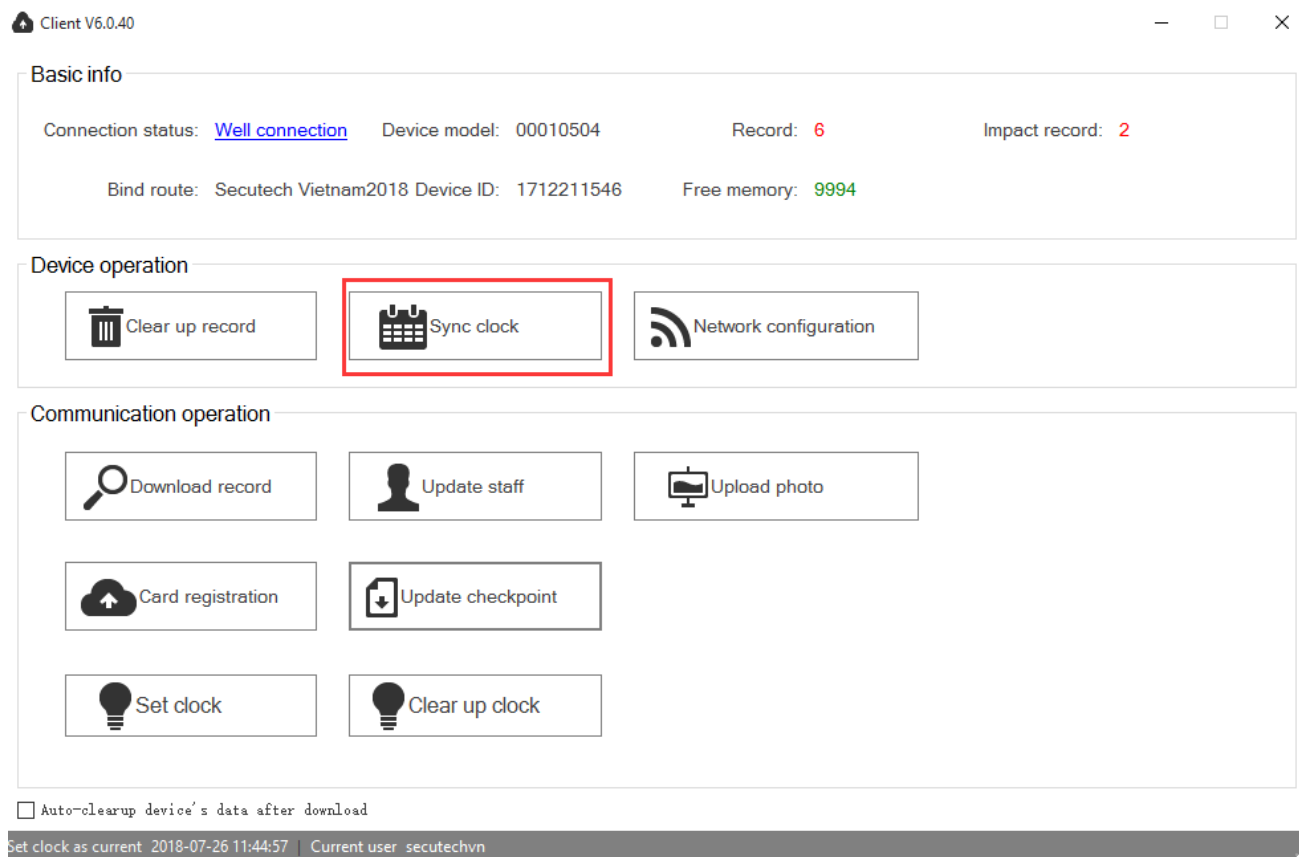
4.2.6 Fingerprint Template transfer

This function is very helpful for enterprise where with too much fingerprint device , no need to ask staff to register their fingerprint on all fingerprint device , but only need to register on one device , fingerprint template can be transferred to all other device .

For example , if you have 200 guards in total, and you purchased 50 or even 200sets fingerprint device ,only need to take One fingerprint device and ask all 200 guards to register their fingerprint on this device . Then bind their fingerprint ID with their name (as above step “[4.2.4 Fingerprint binding](#)”) , and copy this operation to other rest 199pcs fingerprint device (same operation as above step “[4.2.5 Upload Clock/Card setup and personnel information to device](#)”- upload personnel information to device.)

4.2.7 Update device clock

If device clock time error , you can click” Sync clock ” to update your synchronize the server time with device.



V. Go patrol or do some testing

1. Click “Inspector” on device to login current patrol staff



2. Scan tags with the order as your schedule setup



3. If data send out , you can find from software → Real time monitoring-> Live data

Menu

General settings

Report

Real time monitoring

Live data

Home page

Live data

Monitoring list

Add monitor device

Exception process

Equipment Name : ee (1905290001)

Live data

Device	Route	Address name	Staff	Patrol time	Item info	
1	1905290001	Security China 展馆	CCTV Hall	Lynn Z6500F01	2019-08-22 18:07:01	<div>Fire hydrant: Logo fade</div> <div>Emergency Entrance: unblocked</div> <div>Cleaning: Good</div> <div>Entrance security: guard on duty</div> <div>Restroom cleaning: All in good</div> <div>Illegal structures: zone A</div> <div>Passenger flow: morning</div>
2	1905290001	Security China 展馆	CCTV Hall	Lynn Z6500F01	2019-08-22 18:07:50	<div>Fire hydrant: Expired</div> <div>Emergency Entrance: unblocked</div> <div>Cleaning: Good</div> <div>Entrance security: guard on duty</div> <div>Restroom cleaning: All in good</div> <div>Illegal structures: zone A</div> <div>Passenger flow: morning</div>

Amount on device will be also be 0000, means all data sent out successfully .



VI. Report query

Raw Data: All data downloaded from device can all be displayed here .

Address card	Address	Patrol date	Personnel card	Staff	Device ID	Item name	Photo
00B0222E	Security hall	2018-07-26 09:45:05	00000065	Lynn01 Secutech	1804218331	power: # on	
00B08328	Smart home hall	2018-07-26 09:45:08	00000065	Lynn01 Secutech	1804218331		
00B0AC76	Fire protection ha	2018-07-26 09:45:12	00000065	Lynn01 Secutech	1804218331		
00B09CE3	Service center	2018-07-26 09:45:15	00000065	Lynn01 Secutech	1804218331		
00B0222E	Security hall	2018-07-26 09:45:19	00000065	Lynn01 Secutech	1804218331	power: on	
00B08328	Smart home hall	2018-07-26 09:45:21	00000065	Lynn01 Secutech	1804218331		
00B0AC76	Fire protection ha	2018-07-26 09:45:23	00000065	Lynn01 Secutech	1804218331		
00B09CE3	Service center	2018-07-26 09:45:25	00000065	Lynn01 Secutech	1804218331		
00B0222E	Security hall	2018-07-26 09:59:41	001A8ED1	Sam Secutech	1712211546	power: off temperature: 12 °C Trash cleaning: no Exit signs: lack Environment humidity: 20 % Trash cleaning: cleaned Indoor temperature: 25 °C Whether ceiling leaking?: no Cleaning status: No clogging, no dust Whether power supply closed: on	
00B08328	Smart home hall	2018-07-26 10:00:10	001A8ED1	Sam Secutech	1712211546		
00B0AC76	Fire protection ha	2018-07-26 10:00:31	001A8ED1	Sam Secutech	1712211546		
00B09CE3	Service center	2018-07-26 10:00:35	001A8ED1	Sam Secutech	1712211546		
00B0222E	Security hall	2018-07-26 10:01:58	001A8ED1	Sam Secutech	1712110016	power: on	
00B08328	Smart home hall	2018-07-26 10:02:00	001A8ED1	Sam Secutech	1712110016		
00B0AC76	Fire protection ha	2018-07-26 10:02:02	001A8ED1	Sam Secutech	1712110016		
00B09CE3	Service center	2018-07-26 10:02:05	001A8ED1	Sam Secutech	1712110016		

Raw Data Query

Data result : Result compared with schedule and listed with result (Late , miss and qualified)

Address name	Start time	End time	Plan inspector	Patrol staff	Patrol time	Patrol result	Item name	Checking items	Unit
Security hall	2018-07-26 05:00:00	2018-07-26 05:59:59				Miss			
Smart home hall	2018-07-26 05:00:00	2018-07-26 05:59:59				Miss			
Fire protection ha	2018-07-26 05:00:00	2018-07-26 05:59:59				Miss			
Service center	2018-07-26 05:00:00	2018-07-26 05:59:59				Miss			
Security hall	2018-07-26 06:00:00	2018-07-26 06:59:59				Miss			
Smart home hall	2018-07-26 06:00:00	2018-07-26 06:59:59				Miss			
Fire protection ha	2018-07-26 06:00:00	2018-07-26 06:59:59				Miss			
Service center	2018-07-26 06:00:00	2018-07-26 06:59:59				Miss			
Security hall	2018-07-26 07:00:00	2018-07-26 07:59:59				Miss			
Smart home hall	2018-07-26 07:00:00	2018-07-26 07:59:59				Miss			
Fire protection ha	2018-07-26 07:00:00	2018-07-26 07:59:59				Miss			
Service center	2018-07-26 07:00:00	2018-07-26 07:59:59				Miss			
Security hall	2018-07-26 08:00:00	2018-07-26 08:59:59				Miss			
Smart home hall	2018-07-26 08:00:00	2018-07-26 08:59:59				Miss			
Fire protection ha	2018-07-26 08:00:00	2018-07-26 08:59:59				Miss			
Service center	2018-07-26 08:00:00	2018-07-26 08:59:59				Miss			
Security hall	2018-07-26 09:00:00	2018-07-26 09:59:59		Lynn01 Secutech	2018-7-26 9:45:05	Qualified	power	on	
Smart home hall	2018-07-26 09:00:00	2018-07-26 09:59:59		Lynn01 Secutech	2018-7-26 9:45:08	Qualified			
Fire protection ha	2018-07-26 09:00:00	2018-07-26 09:59:59		Lynn01 Secutech	2018-7-26 9:45:12	Qualified			
Service center	2018-07-26 09:00:00	2018-07-26 09:59:59		Lynn01 Secutech	2018-7-26 9:45:15	Qualified			
Security hall	2018-07-26 10:00:00	2018-07-26 10:59:59		Sam Secutech	2018-7-26 10:01:58	Qualified	power	on	
Smart home hall	2018-07-26 10:00:00	2018-07-26 10:59:59		Sam Secutech	2018-7-26 10:00:10	Qualified	Trash cleaning Indoor temperature Whether ceiling leaking? Cleaning status Whether power supply closed	cleaned 25.0000 no No clogging, no dust on	℃ ℃ ℃ ℃ ℃
Fire protection ha	2018-07-26 10:00:00	2018-07-26 10:59:59		Sam Secutech	2018-7-26 10:00:31	Qualified			
Service center	2018-07-26 10:00:00	2018-07-26 10:59:59		Sam Secutech	2018-7-26 10:00:35	Qualified			
Security hall	2018-07-26 11:00:00	2018-07-26 11:59:59				Miss			

Data query