Panasonic®

Installation and Operating Instruction

Local eSafe Smart Community Client

Thank you for purchasing this Panasonic product.

Please read this manual carefully before using this product and save this manual for future use.

Document Description

This document provides a comprehensive description of the typical usage of the 「Local eSafe Smart Community Client」software. It serves as a guide for users during the installation process of the Panasonic Video Intercom System. By following the instructions outlined in this document, users can effectively accomplish the setup and configuration of the products.

This document primarily targets engineering personnel involved in system configuration, collaborative debugging, after-sales maintenance, and actual system management. During the 「Local eSafe Smart Community Client」software installation process, relevant personnel should carefully read this manual before proceeding with equipment configuration.

Simultaneously, system administrators and after-sales maintenance personnel should also carefully read this guide to effectively solve problems encountered in real-life scenarios and ensure the stable operation of the system.

Version Update List

Version	Date & Time	Description
V1.0	26-MAR-2025	Published the first version.
V1.1	04-APR-2025	Minor Change

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Section 1

Product Overview

The「Local eSafe Smart Community Client」Software encompasses several functions, including system settings, home management, resident management, access control management, device management, video monitoring, record management, and security alarm functions, among others. Users can utilize the software to oversee community device information, manage residents, and carry out functions like cloud-based intercom.

Section 2

Preparation Before Use

In this section, the document shows the preparations before using the 「Local eSafe Smart Community Client」 software.

2.1 System Requirement

The following preparations are required before using the local management system:

Name	Description
Local Management Server	The Local Management server is installed and connected to the Internet.
PC	The PC with Windows system (win 7 or later) is connected to the intercom network.
Web Browser	Chrome or Edge
Client Software	The installation file of the「Local eSafe Smart Community Client」, provided by the product supplier.
USB Camera	The USB camera that connected to the PC for the face recognition.
USB Card Reader	The USB card reader that connected to the PC for card register.

2.2 Client Software Installation

After double click on the installation file icon, the installation package will start and show the installation wizard. The user can follow the instructions in the installation wizard to complete the installation step by step.
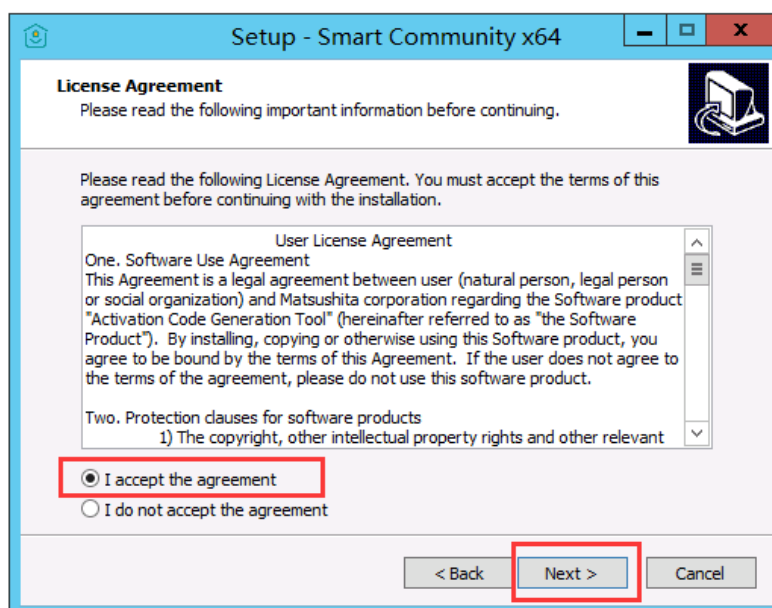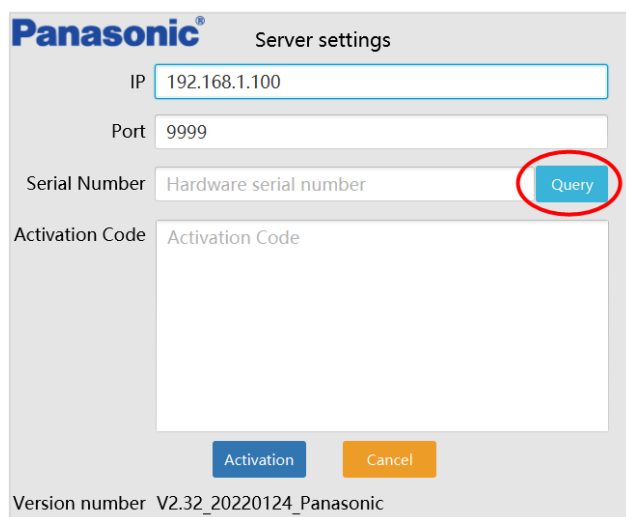

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2.3 Fun the Client for the First Time

For the first time, you need to activate the server and modify the admin password as follows:

Step 1:   Enter the server IP and port number (9999), click the「Query」button to obtain the Serial Number, and then send it to the Panasonic Manager.

Step 2:   Enter the "Activation Code" obtained from product supplier to activate the local server.

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Note:

If the local manager server has not been activated, the user should send the Serial Number data to the product supplier. The product supplier will send back the Activation Code. Enter the Activation Code and click「Activation」, and the local server will be activated.

If the local manager server has already been activated, after installing the client software, change the server IP and click「Activation」directly without input the serial number and the activation code data.

After clicking the「Activation」button, the client software will minimize to the system tray. Right-click on the software icon in the system tray and select「Quit」to close the client software. Then, restart the software, and the system will display the login interface.

2.4 System Login

After activated the server, the user can start the community manager client software, then the login page will be showed, or the user can start the web browser (Chrome or Edge), input the "http://IP address:9999/esafe" (the IP address is the address of the local server) in the web address input box and press enter, then the login page will be showed.

In the login page, input the account name (default is "admin") and the passwords (default is "admin"), click to select the "Agree privacy policy and Term and Condition" check box, and click on the 「Login」 button, then the system will show the main page of the system.
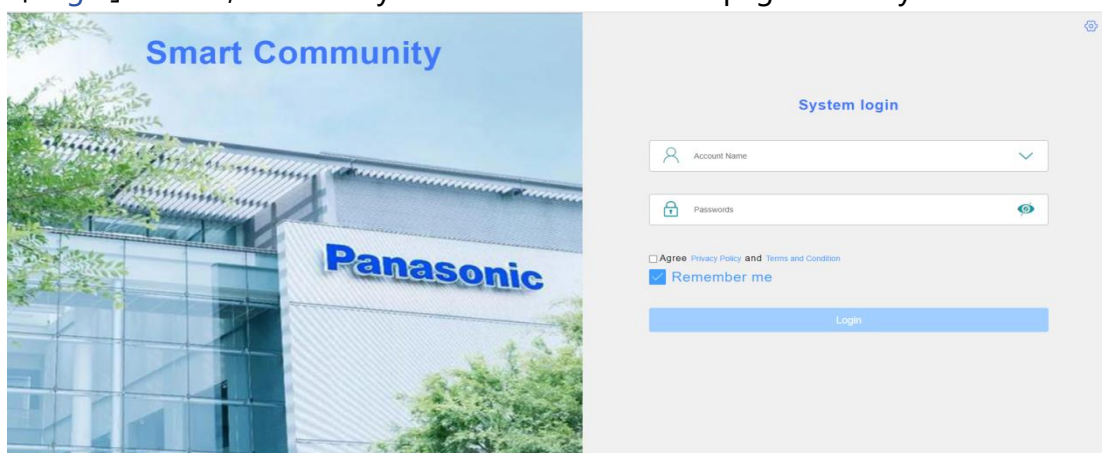
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2.4 Interface Architecture Description

After login the system, the main page will be showed. On the left side of the interface is the function bar. Users can select the function they want to operate by clicking it. Once selected, the function area on the right side will display the corresponding interface for that function.
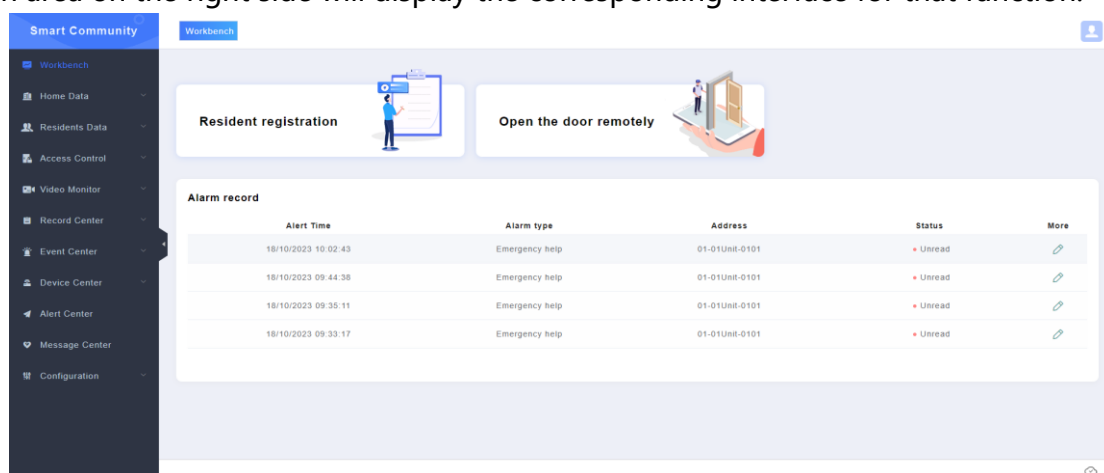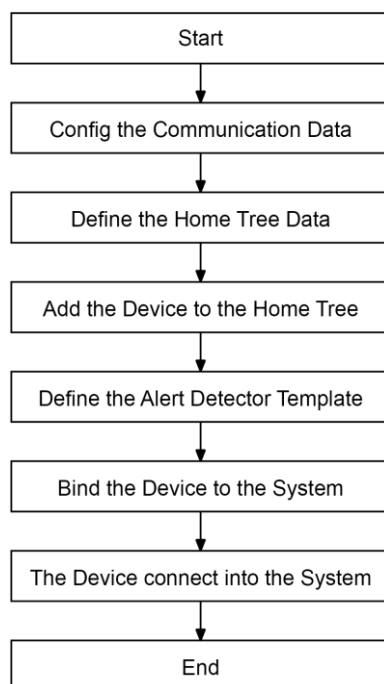

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Section 3

Basic Data Configuration

In this section, the document explains functions of community set, home data define, device data define, alarm zones define, IP camera data define, manager the home cards, upgrade the device, manager the account and etc.

3.1 Data Define Overview

Overview

The data definition process includes the community parameters set, home data definition, device data definition, alarm zone template data definition, IP camera data definition. Typically, the tasks involved in basic data configuration encompass the following parts:
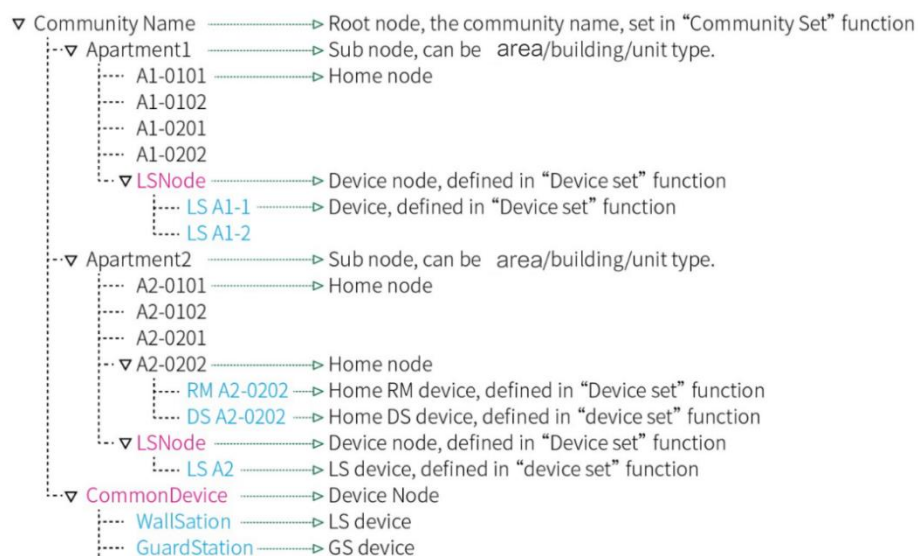
```
                    ┌──────────────────────────────┐
                    │            Start             │
                    └──────────────────────────────┘
                                   │
                                   ▼
                    ┌──────────────────────────────┐
                    │   Config the Communication Data   │
                    └──────────────────────────────┘
                                   │
                                   ▼
                    ┌──────────────────────────────┐
                    │    Define the Home Tree Data     │
                    └──────────────────────────────┘
                                   │
                                   ▼
                    ┌──────────────────────────────┐
                    │   Add the Device to the Home Tree   │
                    └──────────────────────────────┘
                                   │
                                   ▼
                    ┌──────────────────────────────┐
                    │  Define the Alert Detector Template  │
                    └──────────────────────────────┘
                                   │
                                   ▼
                    ┌──────────────────────────────┐
                    │   Bind the Device to the System   │
                    └──────────────────────────────┘
                                   │
                                   ▼
                    ┌──────────────────────────────┐
                    │  The Device connect into the System  │
                    └──────────────────────────────┘
                                   │
                                   ▼
                    ┌──────────────────────────────┐
                    │             End              │
                    └──────────────────────────────┘
```

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Step 1	User should set the communication data, include the communication name and the cloud server data. And then the local manager software can connect to the cloud server.
Step 2	User need define the home tree data. It's a base data that used for the whole system such as the device define, the resident's manager and so on.
Step 3	After the home tree data defined, user should define the device data into the tree, include the Lobby Station, Door Station, Room Monitor, Guard Station, Media Server and IP Cameras.
Step 4	User can define the alert detector template and apply it to the home.
Step 5	Bind the real device to the system by input the real device's SN to the system so that after the device installed, the device can connect to the system and the parameters can be send to the device from the system.
Step 6	Install the device and connect the device to the system.

Community Tree

The system data is based on the community Tree, just like the followings:

```
▽ Community Name ────────▷ Root node, the community name, set in "Community Set" function
    ├─▽ Apartment1 ────────▷ Sub node, can be  area/building/unit type.
    │      ├─── A1-0101 ────────▷ Home node
    │      ├─── A1-0102
    │      ├─── A1-0201
    │      ├─── A1-0202
    │      └─▽ LSNode ────────▷ Device node, defined in "Device set" function
    │            ├─── LS A1-1 ────▷ Device, defined in "Device set" function
    │            └─── LS A1-2
    ├─▽ Apartment2 ────────▷ Sub node, can be  area/building/unit type.
    │      ├─── A2-0101 ────────▷ Home node
    │      ├─── A2-0102
    │      ├─── A2-0201
    │      ├─▽ A2-0202 ────────▷ Home node
    │      │     ├─── RM A2-0202 ──▷ Home RM device, defined in "Device set" function
    │      │     └─── DS A2-0202 ──▷ Home DS device, defined in "device set" function
    │      └─▽ LSNode ────────▷ Device node, defined in "Device set" function
    │            └─── LS A2 ────────▷ LS device, defined in "device set" function
    └─▽ CommonDevice ────────▷ Device Node
          ├─── WallSation ────────▷ LS device
          └─── GuardStation ───────▷ GS device
```

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The root node represents the community's name and cannot be changed. Users can add child nodes under the root node and create sub-nodes under each child node. Users can also add homes node under a node, set the home parameters, then the basic community tree data define is completed.

Once the basic community tree is defined, users can add home devices such as room monitors and door stations. Additionally, users can add a device node under a tree node and include devices such as lobby stations, guard stations, and IP cameras.

The system will add the lobby station and the door station to the video monitor list of the room monitor automatically by the tree structure. For example, the Lobby station/Door station of "LS A2","DS A2-0202","WallStation" will be add to the "RM A2-0202" in the picture P3-2.

3.2 Community Set

Community set function defines the base information of the community, include the images, and the information to connect to the cloud server. Users can access this function by clicking on the "Configuration → Community Set" item.

Definition of community basic information

In the community information set function, the user can set the community's name, property company name, property contact person, and contact information with the following steps:
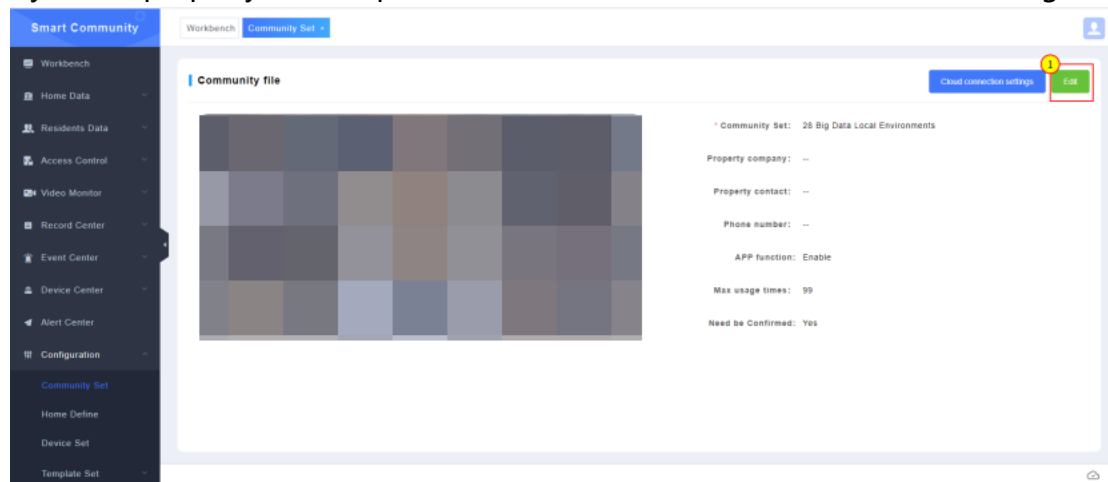
P3-3

Step 1   Click on 「Edit」 button in the community set function.

Step 2   Input the base data, include the community's name, property company name, property contact person, and phone number data.

Step 3   Click on 「Save」 button to save the data.

Cloud Connection Settings

The cloud connection setting parameters is to define the data that connect to the cloud server to enable the App. So, if there is no App function in the community, the software do not need connect to the internet and these parameters do not need set. The user can set the parameters with the following steps:
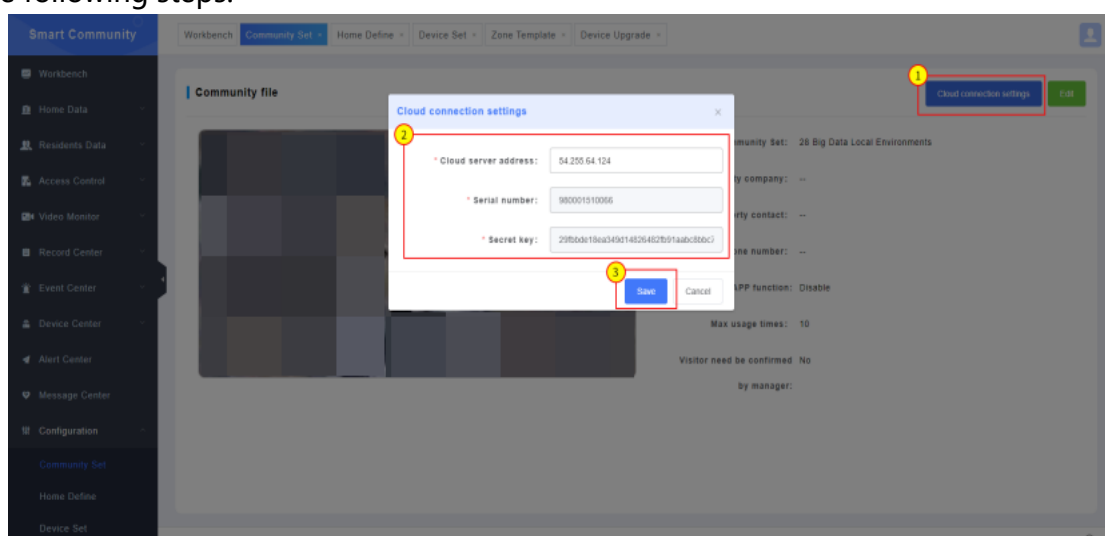
P3-4

Step 1   Click「Cloud connection settings」button.

Step 2   Enter the serial number and secret key obtained from the product supplier.

Step 3   Click the「Save」button.

Warning:

The serial number and the secret key are provided by the supplier. When filling in the Serial Number and Secret Key, ensure that the provided data is accurate, as these settings cannot be changed after the cloud connection is successful. If a mistake is made, it will be necessary to seek assistance from a system maintenance person to rectify it.

3.3 Home Define

Community tree is a base data that used in the whole system, user should define the community tree in this function. Once the community tree is established, user can add device to the home, add the resident and set the resident's cloud intercom account and other information. User should use「Configuration → Home Define」item to enter this function.

In the community tree, the user can create, modify or delete the tree node, include the group node, the building node, the unit node, the home node and the villa node.

The root node cannot be deleted, and the name of the root node is defined in the community set function. After set the community's name in the community set function, the name will be set for the root node.

Node Name	Description
Root Node	The root node is community node, which displays the community's name. The community's name is configured in the community information configuration function, see section 3.2. Group nodes, building nodes, and unit nodes can be added under the root node. Specific additions can be added according to the current project situation.
Group Node	A group node is a sub node in the community tree. This node represents an area, and the user can define sub-nodes under the area. Building nodes, unit nodes, and villa nodes can be added to the group node.
Building Node	The building node is a sub node in the community tree, it can be added under the root node or under the group node. This node represents a building. Users can add unit nodes and home nodes under the building.
Unit Node	The unit node is a sub node in the community tree, it can be added under the root node, or under the group node or building node. This node represents a unit, and the user can add a home node under the unit node.

Home Node	The home node is a sub node in the community tree, which represents a home in a building or in a unit. This node can be added under the building node or under the unit node. Only when the home node is defined, can the occupants be managed, the home alarm information can be checked, and the home equipment can be managed.
Villa Node	The villa node is a sub node in the community tree, which represents an independent villa. This node can be added under the group node. The function of this node is similar to that of the home node.

3.3.1 Create Node Manually

Create Group/Building/Unit Node

The user can create a group or building or unit node with the following steps:
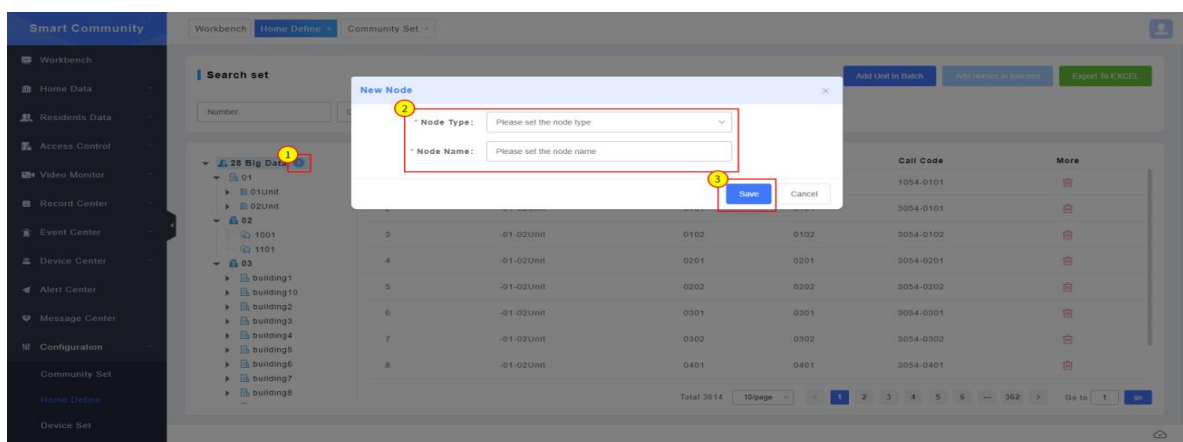
P3-5

Step 1   First select a「root node」, then click the「 + 」button.

Step 2   Choose the node type and enter the node name.

Step 3   Click the「Save」button, Added successfully.

The method of buildings and units is the same as above.

Create Home Node

The user can create home node with the following steps:
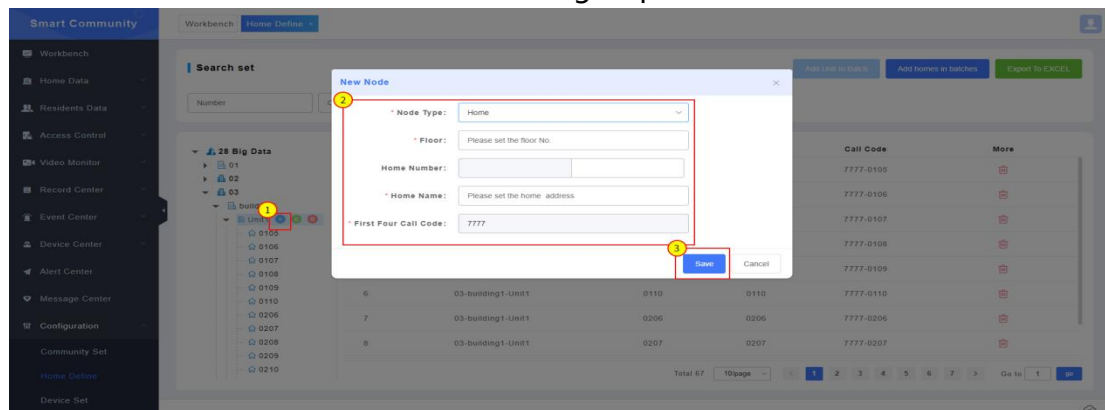
P3-6

Step 1   First select a group node or building node or unit node according to the actual situation, then click the 「 ➕ 」 button.

Step 2   Choose the node type "home" and enter the floor, home number, home name, first four call code.

Step 3   Click the 「Save」 button, added successfully.

Note:

The floor data is used for the elevator control system. If a home has already been defined in this node and add other homes in this node, the first four call code cannot be edit and will be set as same as the first home.

Create Villa Node

The user can create villa node with the following steps:
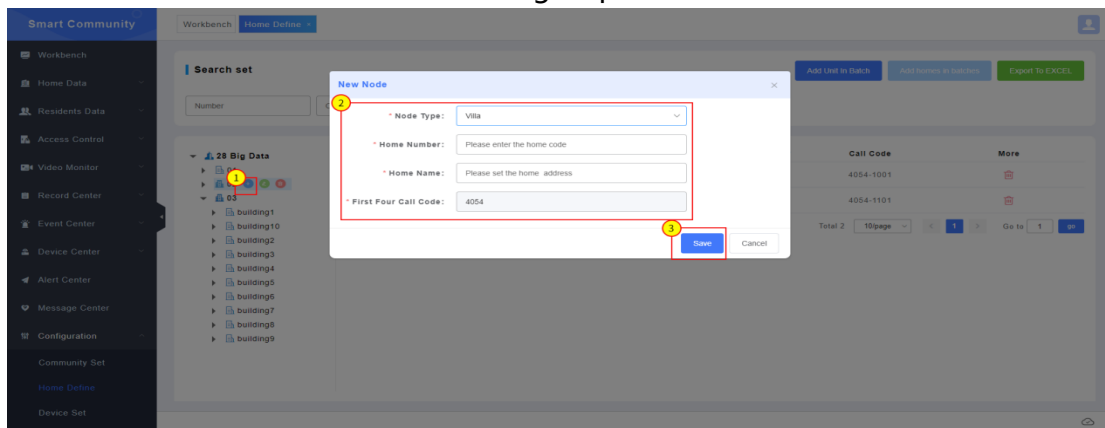
P3-7

Step 1   First select a group node, then click the 「 ➕ 」 button.

Step 2   Choose the node type as "villa" and enter other parameters.

Step 3   Click the 「Save」 button, added successfully.

3.3.2 Create in Batch

The user can create unit and home nodes in batches.

Add Unit in Batch

The user can add units in batch with the following steps:
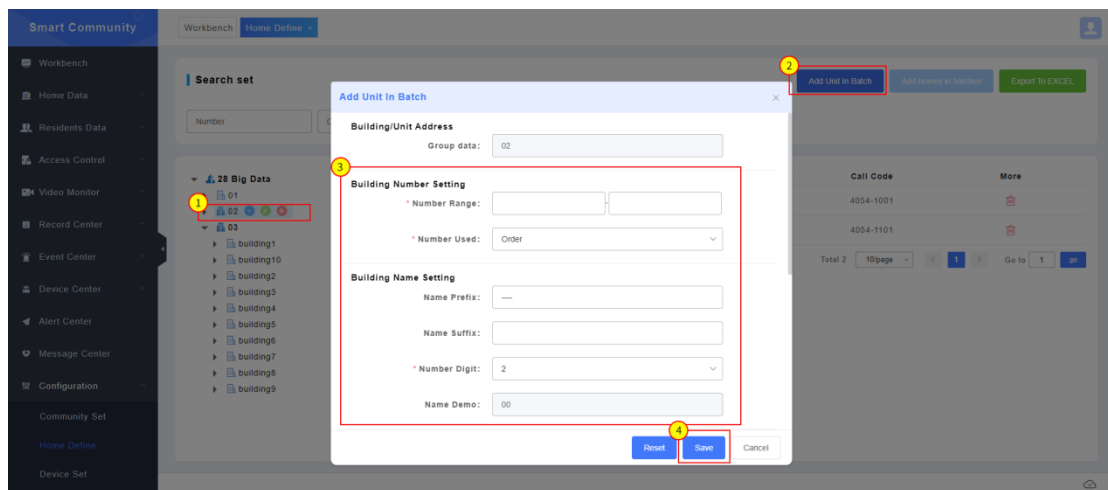
P3-8

Step 1   First select a root node or a group node according to the actual situation.

Step 2   Click the「Add Unit In Batch」button.

Step 3   Enter the specific configuration content that the user expects.

Step 4   Click the「Save」button, added successfully.

Add Home in Batch

The user can add home in batch with the following steps:
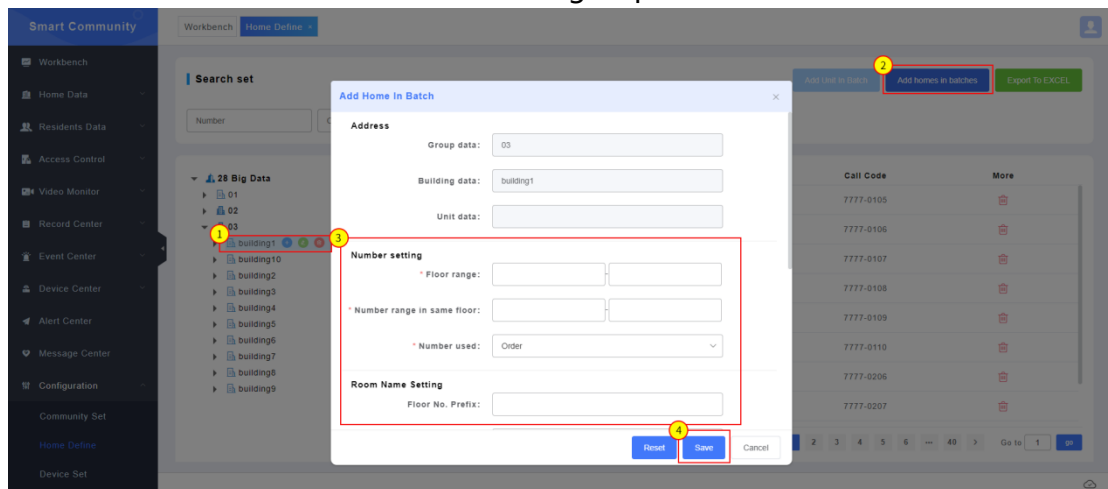
P3-9

Step 1   First select a building node or a unit node according to the actual situation.

Step 2   Click the「Add Home In Batches」button.

Step 3   Enter the specific configuration content that the user expects.

Step 4   Click the「Save」button, added successfully.

3.3.3 Other Instructions

Data Export   The user can export the home data to excel file by click on「Export to EXCEL」button.

Search   The user can search the home data after input the search conditions and press the「Search」button.

Node Edit   The user can select a node in the tree and click on the「🖉」icon to edit the node name.

Delete Node   The user can select a node in the tree and click on the「🗑」icon to delete it. If there are device defined in the node or in the child node, the user should remove the all the devices in the node or in the child node first, or the delete function will return failed.

If there are residents defined in the home (The home is the child node), the user should remove all the residents first too.

Delete Home   The user can click on the 「🗑」icon that showed in the home list to delete the home (If there are residents or devices has been defined in the home, the user should remove the residents and devices first, then delete the home).

The user can select the parent node and delete this node, all the home has defined in the node will be removed.

3.4 Device Set

After the community tree is defined finished, the data of Lobby station, Door Station, Room Monitor, Guard Station, IP camera need to be added to the tree. And after adding the device data, user should bind the real device to the system and so that the real device can connect to the system. Users can use the「Configuration → Device Set」item to enter this function.
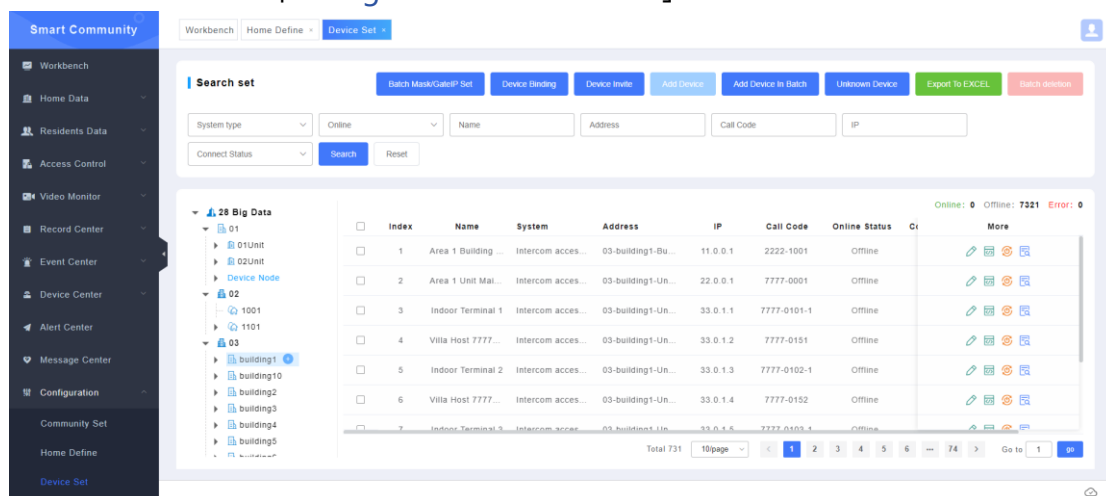
P3-10

3.4.1 Add Device

The user can add the lobby station, guard station, IP camera, door station and room monitor with the following steps:
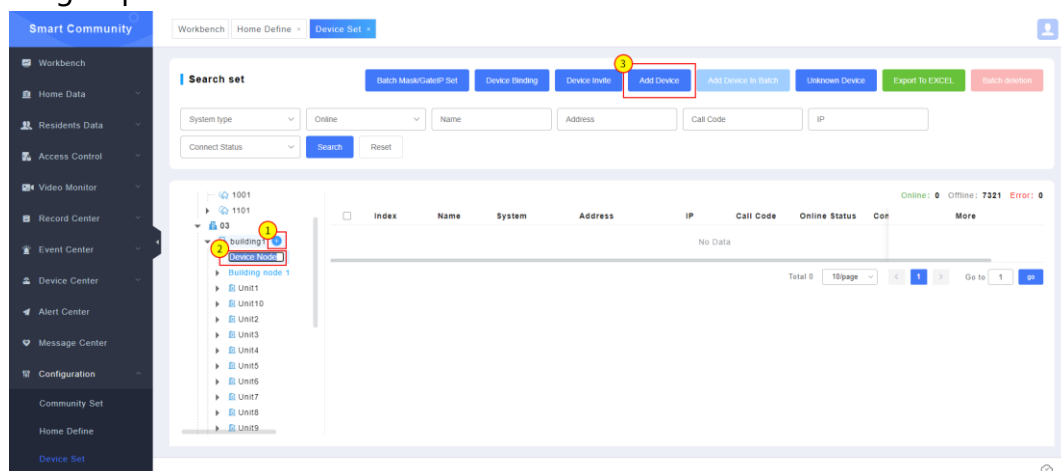
P3-11

Step 1   Select a group node or a building node or a unit node according to the actual situation, then click the 「 ⊕ 」 button to add a "device node".

Step 2.   Select the "device node" or home node where the user wants to add the device.

Step 3   Click the 「Add Device」button, then select the type of device the user wants to add and fill in the relevant configuration information.

Note:

The lobby station, guard station and the IP camera device should be added in the device node. And the door station and the room monitor should be added in the home node.

Lobby Station Data

The lobby station device page is as the following:

P3-12

System: Set the system data to be "Intercom access control equipment".

Device Type: Set the device type data to be "Outdoor Station".

IP: Input the IP address for the device.

Subnet Mask: Input the subnet mask data for the device.

Gateway: Input the gateway data for the device.

Name: Input the device name for the device.

Call Code: Set the call code of the device. If a device has already been defined in this node, the first four call code cannot be edit and will be set as same as the first device.

Apply Type: Can be set as "Lobby Mode" or "Common Area Mode".

                      "Lobby Mode" means the room monitors which has the same first four call code can monitor and unlock the outdoor station and the "Common Area Mode" means all the monitors can monitor and unlock the outdoor station.

Lock connect: Can be set as "Yes" or "No" to define if the outdoor station is connected to a lock.

Guard Station Data

The guard station device page is as the following:

System: Set the system data to be "Intercom access control equipment".

Device Type: Set the device type data to be "Guard Station".

IP: Input the IP address for the device.

Subnet Mask: Input the subnet mask data for the device.

Gateway: Input the gateway data for the device.

Name: Input the device name for the device.

Call Code: Set the call code of the device. If a device has already been defined in this node, the first four call code cannot be edit and will be set as same as the first device.

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IP Camera Data

The IP Camera device page is as the following:

P3-14

System: Set the system data to be "Video surveillance equipment".

Device Type: Set the device type data to be "Video forwarding server".

IP: Input the IP address of the video forwarding server.

Name: Input the device name for the video forwarding server.

Port: Input the port, it should be 10008.

Username: Input the username data for login to the video forwarding server. The username is defined in the video forwarding server.

Password: Input the password data for login to the video forwarding server. The password is defined in the video forwarding server.

Get camera list: After input the video forwarding server data, click on this button to get the IP camera list that has defined in the video forwarding server.

Door Station Data

The door station device page is as the following:

P3-15

System: Set the system data to be "Intercom access control equipment".

Device Type: Set the device type data to be "Outdoor Station".

IP: Input the IP address for the device.

Subnet Mask: Input the subnet mask data for the device.

Gateway: Input the gateway data for the device.

Name: Input the device name for the device.

Call Code: Set the call code of the device. The first four call code is as same as the home
                         and can node be set.

Lock connect: Can be set as "Yes" or "No" to define if the outdoor station is connected to a
                         lock.

Room Monitor Data

The room monitor device page is as the following:

P3-16

System: Set the system data to be "Intercom access control equipment".

Device Type: Set the device type data to be "Indoor terminal".

Call Code: Show the call code of the home and cannot be set.

Add room monitor: The user need click this button to add the room monitor device for the home. And if the home has several devices, the user should click this button again and again to add several room monitors.

Name: Input the device name for the device.

IP: Input the IP address for the device.

Subnet Mask: Input the subnet mask data for the device.

Gateway: Input the gateway data for the device.

Call Code: It will be set automatically and cannot changed.

Delete: Click on this button to remove the room monitor from the home.

3.4.2 Add Device in Batches

After select a node, the user can add the door station and room monitor in batches for the room that showed in the select node. the page is showed as the following:

P3-17

Belong Node: Show the node name that the use selected.

Home List: Show the homes that has defined in the node. The user can select several homes in the list (set the check box to be "checked") that which one will add the door stations and room monitors in batch.

Note: If a home has the door station or room monitor device, it will not be showed in the home list.

IP From: Set the start IP address data.

Subnet Mask: Input the subnet mask data for the device.

Gateway: Input the gateway data for the device.

Have Room Monitor: Set if the home has the room monitor.

Count (Room Monitor): Input the count of the room monitor for each home.

Have Door Station: Set if the home has the door station.

Count (Door Station)：   Input the count of the door station for each home.

3.4.3 Edit Device

The user can edit the device with the following steps:
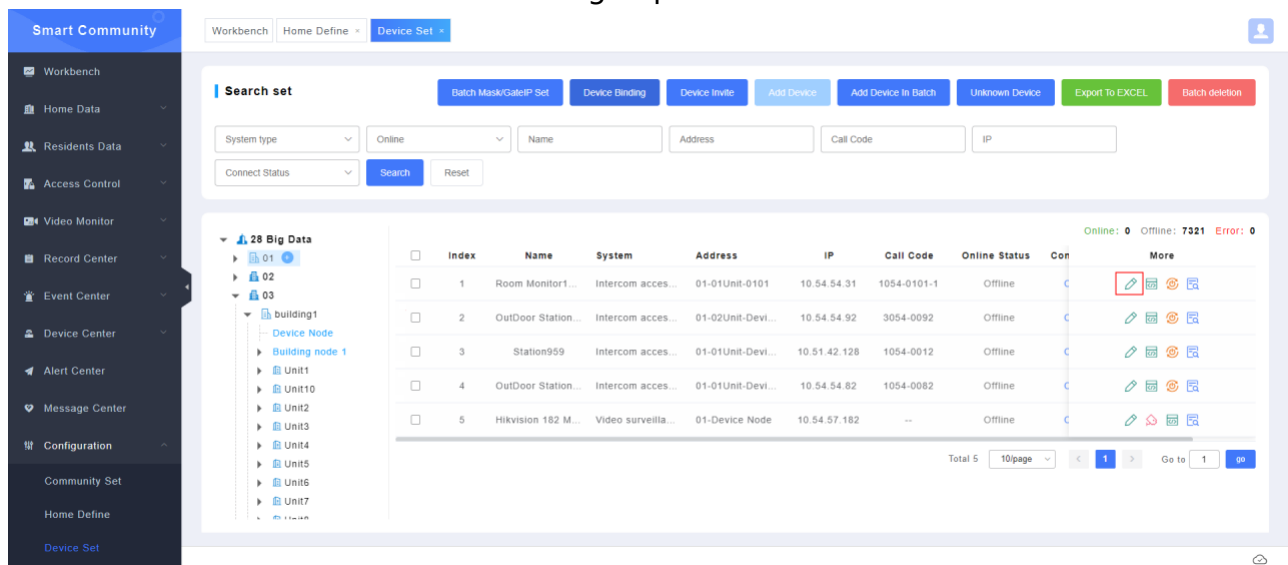
P3-18

Step 1   Select a node in the tree, then the device will be showed in the list.

Step 2   Click on「 ✐ 」icon, then the device data set dialog will be showed.

Step 3   Input the new device's parameters in the dialog, and save the data, then the device data will be updated.

3.4.4 Delete Device

The user can delete the device with the following steps:
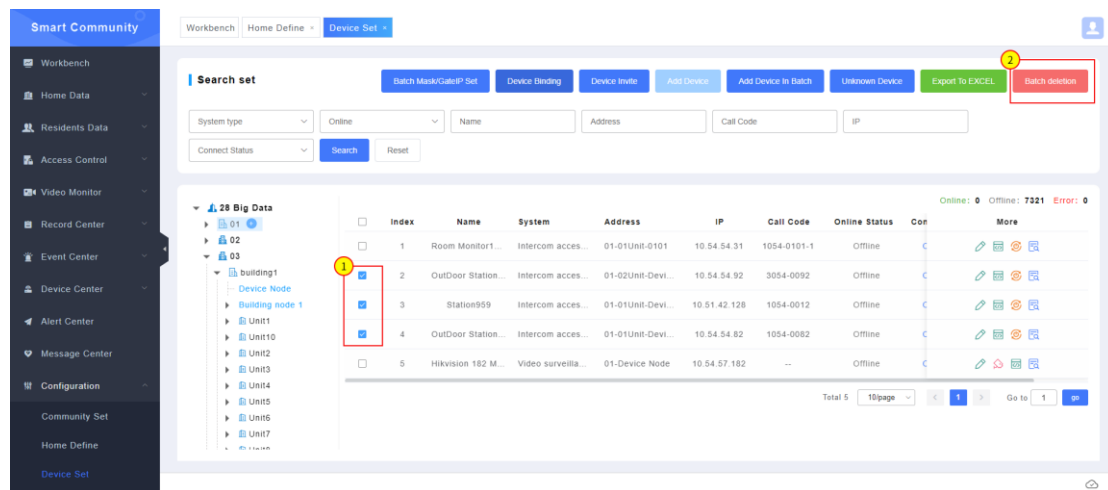
P3-19

Step 1   Select a node and show the devices in the device list.

Step 2   Select the devices (set the check box to be "checked") in the list.

Step 3   Click on「Batch Deletion」button to delete the devices that has been selected.

3.4.5 Batch Mask/GateIP Set

The user can set the subnet mask and gate IP data with the following steps:
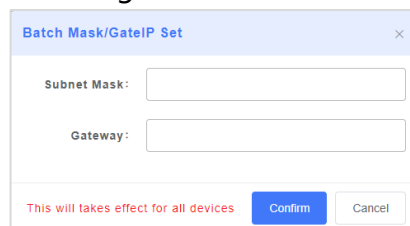
P3-20

Step 1   Click on「Batch Mask/GateIP Set」button.

Step 2   Input the subnet mask data and gate way data.

Step 3   Click on「Confirm」button, then the subnet mask and gate way data of all the
                devices defined in the system will be update to the data that has been set in this
                function.

3.4.6 Connect Devices to The System

Overview

After the device defined in the system, there are two solutions for bind the real device to the
device that has defined in the system.

Solution 1: If the network supports the multicast with 224.0.0.1@6789, the work steps as follows:

Step 1   Select a device that defined in the「Device Binding」function.
Step 2   Select a real device that will be bind to this device and input the SN that printed in the label in the back of the device by bar code scanner or input manually, then the real device is bind to the device that defined in the system.
Step 3   Install the Lobby Station and the Door Station, connect the device to the network and power on, then the device will connect to the system and get the parameter from the system, include the IP Address, the Call code and other parameters.
For the Room Monitor and the Guard Station, after the device powered on, press the OK button on the welcome interface, the device will try to connect to the system and get the parameters from the local manager software.

Solution 2:   If the network does not support the multicast with 224.0.0.1@6789, the work steps as follows:
Step 1   Install the device, connect the device to the network and power on, then set the IP address, the sub-net mask, the gate way, the DNS and the server IP in the device.
Step 2   For the Lobby Station and the Door Station, restart the device, then the device will connect to the system and bind to the device which IP is the same one that defined in the system and get the parameter from the system.
For the Room Monitor and the guard station, after the device powered on, press the OK button on the welcome interface, the device will try to connect to the system and get the parameters from the local manager software.

If connect to the system failed, the device will re-connect to the system after 8 hours. Thus, user can invite the device to re-connect the system immediately by the「Device Invite」function.

If a user configures a device to connect to the system using solution 2 and inadvertently sets an incorrect IP for the device, or if there's a mismatch between the user-defined IP in the system and the device's actual IP, the device may connect to the system, but its corresponding data cannot be located. In such cases, the system will display "Unknown Device" in the「Unknown Device」function. Users can use this function to identify and update the information for these devices.

Device Binding

The device binding function realizes the association operation between the actual device and the device defined in the system by set the device serial number to the system. The user can set the device's serial number with the following steps:
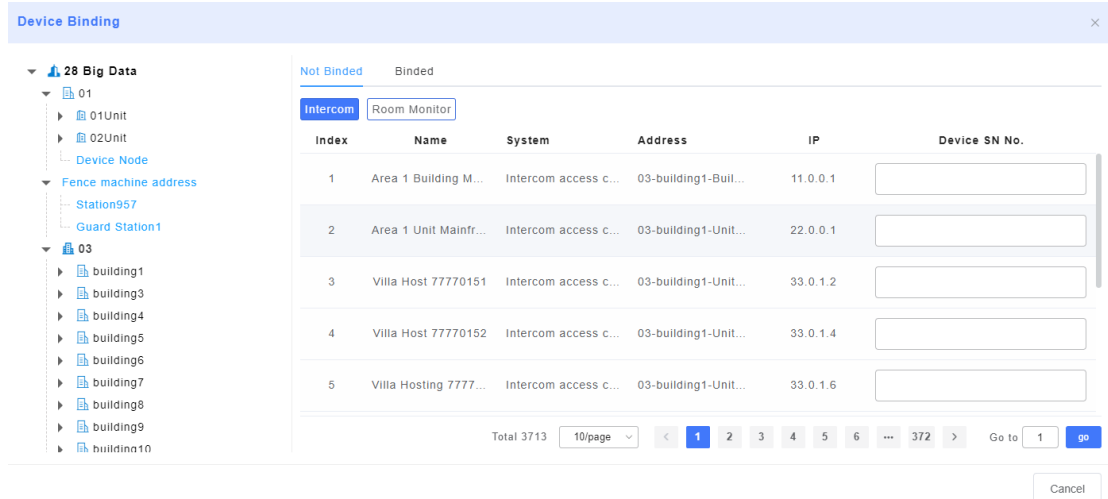
P3-21

Step 1   Click the 「Device Binding」 button to open the Device Binding interface.

Step 2   Select the「Not Binded」tab, select the "Intercom" tab for bind the lobby station/
                door station/ guard station and select "Room Monitor" tab for bind the room
                monitors.

Step 3   and select a node on the tree, then the devices that has not binded in this node
                will be showed in the list.

Step 4   Select the device that needs to be bound and move the input focus to the device
                serial number Input box.

Step 5   Use the bar code scanner to scan the device's bar code on the label which is
                affixed on the back of the device(or manually enter the device's SN number) to
                complete the device's scanning and binding work.

Step 6   The user can also select 「Binded」 tab and select a device, delete the device serial
                number, so that the device will be unbonded.

Device Invite

After the device is installed and powered on, it will automatically establish a connection with the system to link itself with a corresponding device in the system. If, for some reason, a device is not successfully associated with its counterpart in the system, you can click the 「Device Invite」 button. This allows you to select the device and send a new invitation for re-establishing the connection with the device. Once the device receives the request, it will reinitiate the association process.

The user can invite the device with the following steps:
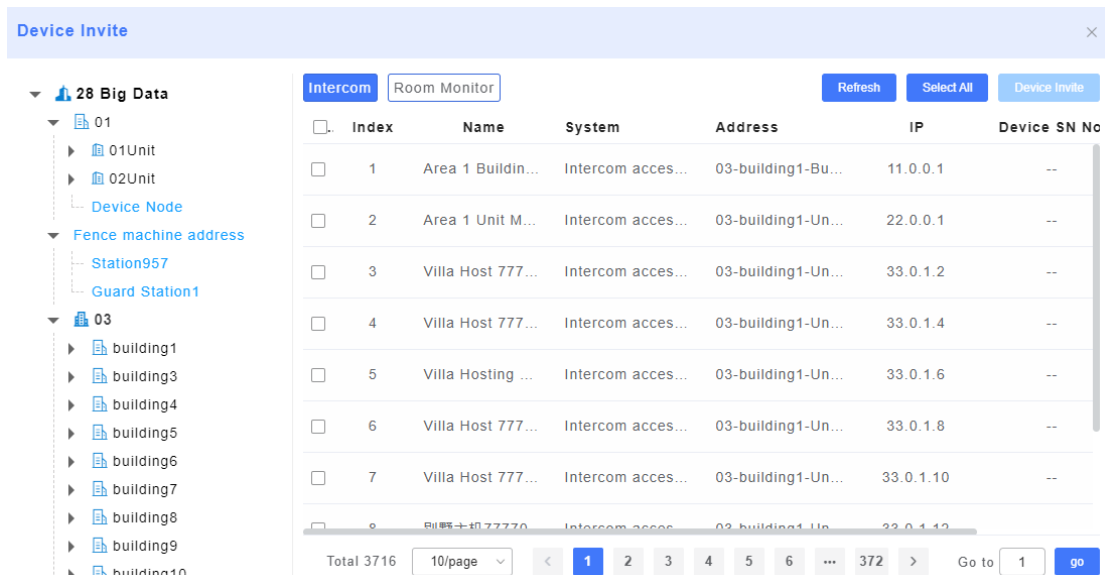
P3-22

Step 1   Click on 「Device Invite」button to enter the function.

Step 2   Select a node on the tree, all the devices under that node that should be connected to the system but not yet connected to the system are listed.

Step 3   The user can select one or more devices, and then click the「Device invite」button to initiate a re-association request to these devices.

Step 3   After the device receives the request, it will connect to the system.

Step 4   The user can click the 「Refresh」button to see which devices are not connected to the system after initiating the device invitation.

Unknown Device

If a user configures a device to connect to the system using solution 2 and inadvertently sets an incorrect IP for the device, or if there's a mismatch between the user-defined IP in the system and the device's actual IP, the device may connect to the system, but its corresponding data cannot be located. In such cases, the system will display "Unknown Device" in the 「Unknown Device」 function. Users can use this function to identify and update the information for these devices.

The user can click on 「Unknown Device」button to enter the function, and the user can update the device's IP address that has defined in the system so that the device can bind the right data, or the user can update the devices' IP with the following steps:
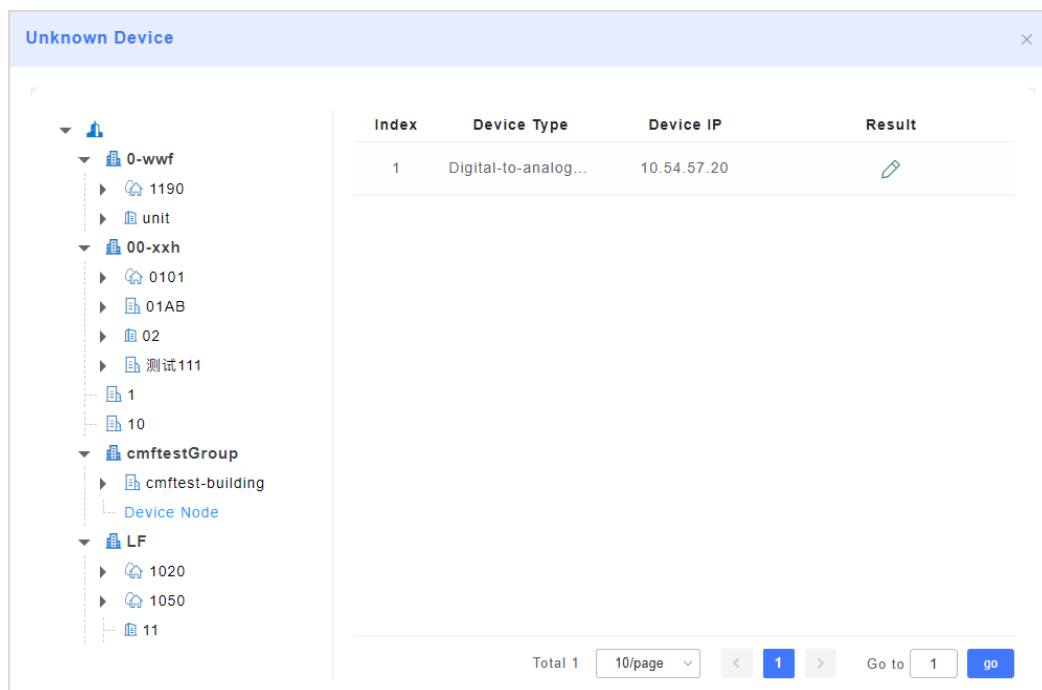
P3-23

Step 1   Select a node in the tree, then the unknown device in this node will be showed in the list.

Step 2   If the system definition data is wrong, the user can close this function and update the device IP address that defined in the system in the "Device edit" function (Part 3.4.3) and re-invite the device in the "Device Invite" function.

Step 3   If the IP address of the actual device is defined incorrectly, the user can click the 「 ✎ 」 icon on the right side of the list and enter the correct IP address. At this time, the device will automatically change the IP address and reconnect to the system.

3.5 Template Set

Users have the option to define defense area templates and apply them to the corresponding Room Monitor. When the Room Monitor is connected to the Local Management Software, it will automatically download the relevant parameters to the device.

To access this function, users can click on 「Configuration-->Zone Template」 item. In this function, the user can create a new template and set the template's parameters and specify the devices to which the template will be applied.
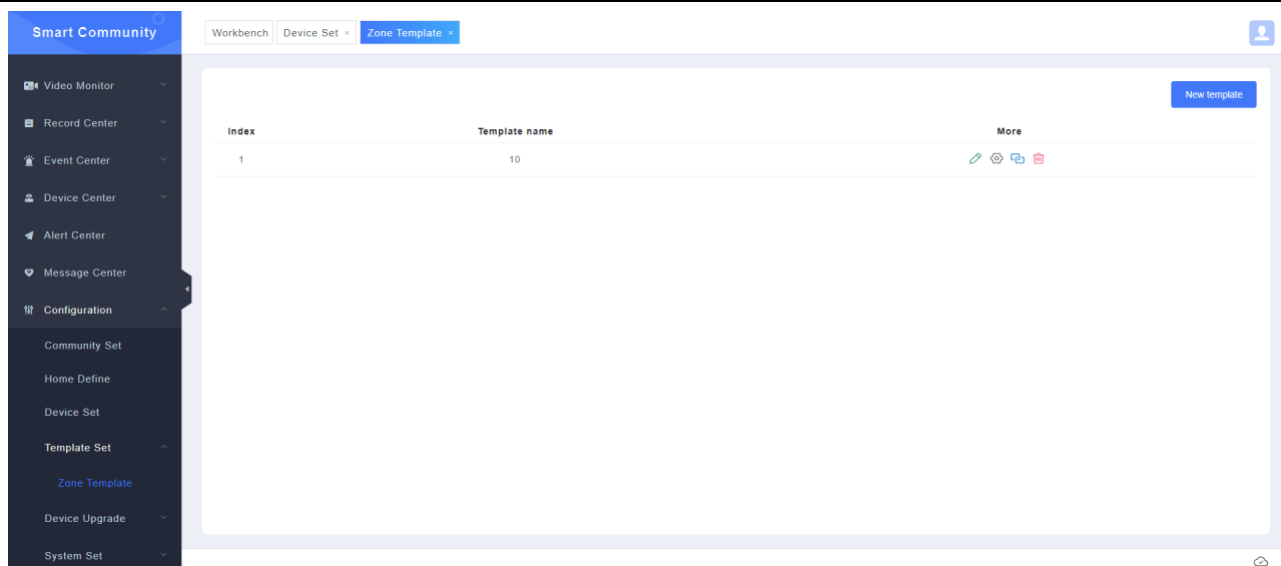
P3-24

Create New Template

The user can click on 「New Template」 button to create a new template, after input the template name, the template is created.

Set Template Data

The user can click on 「⚙」 icon to set the template parameters. After the pop-up windows showed, the user can set the number of zones if this template is a new template. And if the template parameters have been set, the number of zones cannot be update when the user click on the 「⚙」 icon to update the parameters. The template parameters data set page is as the following:

P3-25

Number of zones: Set the number of the zones. For the room monitor of VL-MC3000 and VL-MC3030, the number of zones should be set as "8".

Support Triggered

Mode: Set if the room monitor support the triggered mode set. For the room monitor of VL-MC3000, it should be set as "No" and for the VL-MC3030, it should be set as "Yes".

Index: The index of the zone.

Address: Set the address where the zone device is installed.

ZoneType: Set the zone type (Alert Type).

"Permanent" means the room monitor will detect this device always whether the device is in out mode, home mode or disarm mode.

"Immediate" means the room monitor will alarm immediately when the device is in out mode or home mode and the detector alarm.

"Delay" means the when the device in out mode or home mode and the device detect the alarm, the user has times to change the device mode so that the room monitor will not make an alarm sound.

"Disable" means this zone do not connect to the detector device or the detector device is not in the detect range.

Detector Type: Set the zone device's type (Detector Type).

Triggered Mode: Set the trigger mode.

Delete the template

In the template set main page, the user can click on the 「 🗑 」 icon in the list to delete the template.

Association to the device

After the template is defined, the user should associate the template to the room monitors so that if the room monitor is connected to the system, the system will apply the area template data to the room monitor.

And if the user updates the template zones data, the user should re-apply the template to the room monitors by associate the template to the room monitors again. The user can associate the template to the room monitors with the following steps:
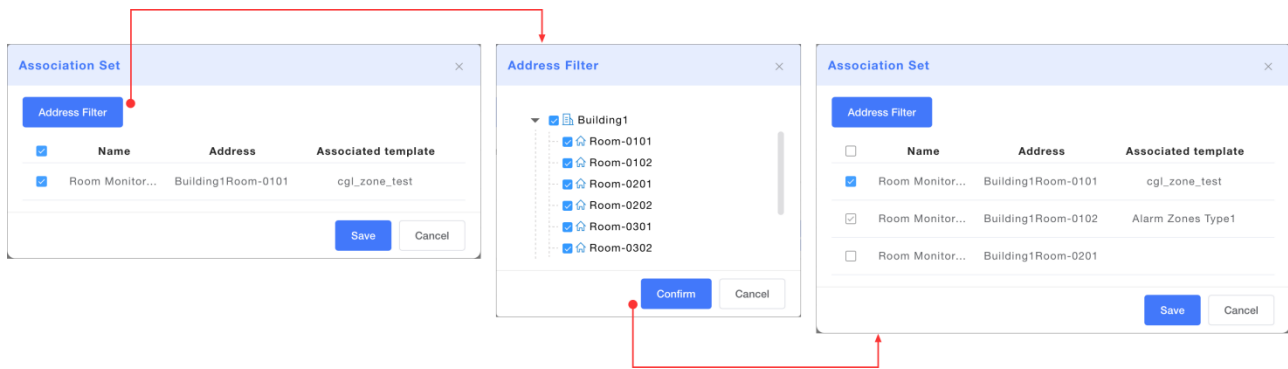
P3-26

Step 1   Click on the 「⧉」 icon in the template list at the template set main page.

Step 2   Then the pop-up window will be showed and in the devices list, showed which
              devices is linked with this template.

              If the user only updates the template, the user can click on 「Save」button to re-
              apply the template to the devices.

              The user can also remove the room monitors by set the check box to be
              unchecked and click on 「Save」button.

Step 3   The user can click on 「Add Filter」button to add new room monitors which need
              linked to this template.

Step 4   In the filter pop-windows, the user can select the room monitors and press
              「Confirm」button.

Step 5   After set new filters, the pop-up windows will show the room monitors, the
              checked (with blue color) room monitors is the current which one has already
              linked to the template, the check (with gray color) room monitors is linked to
              the other templates and the unchecked room monitors is the new devices that
              the user can linked.

Step 6   Select which room monitors need be linked to the template and press 「Save」
              button. Then if the room monitor is connected to the system or after the room
              monitor connect to the system, the alarm zones data will be updated.

3.6 Card Register in Batches

Commonly, Before handing over the project to the user, it is generally required for each home to
register several IC cards, the user can register cards to each home in batches with the following
steps:

Step 1   Click on 「Configuration --> Card Manager」item to enter the card manager
              function.

Step 2   Click on 「Batch Issuing」button to show the batch register window.

Step 3   Select the node on the tree to show the home list.

Step 4   Set the card count, card type, validity period and set the input focus into the card number input box.

Step 5   Input the card number manually and press the enter key, or by the card reader, then this card will be registered into this home.

Step 6   Input the card number again and again, the system will jump to the next home automatically so that each home will register the card successfully.
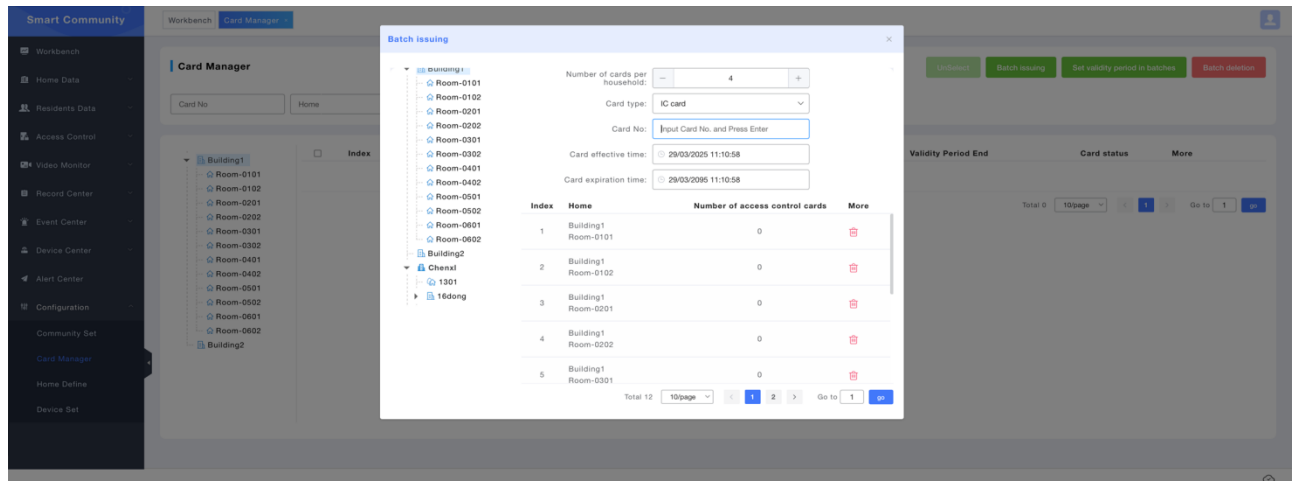
P3-27

Note:

In the card manager function, the user can update the card's validity period and delete card manually or in batches.

Section 4

Device Upgrade and System Set

In this section, the document explains functions of device upgrade, user account manager, user account permission role set, system backup and other settings.

4.1 Device Upgrade

The equipment upgrade function allows for the upgrading of Lobby station, Door Station, Room Monitor, and Guard Station devices. Users can access this function by click on the 「Configuration-->Device Upgrade」.

Users can create a new upgrade task by selecting the device to be upgraded, uploading the upgrade file, choosing the upgrade mode (immediate upgrade or scheduled upgrade at a fixed time), and then saving the settings to generate a new upgrade task.

Users can also check the status of the upgrade task to confirm whether it has been successfully completed.

New Device Upgrade

The user can create a new device upgrade task with the following steps:
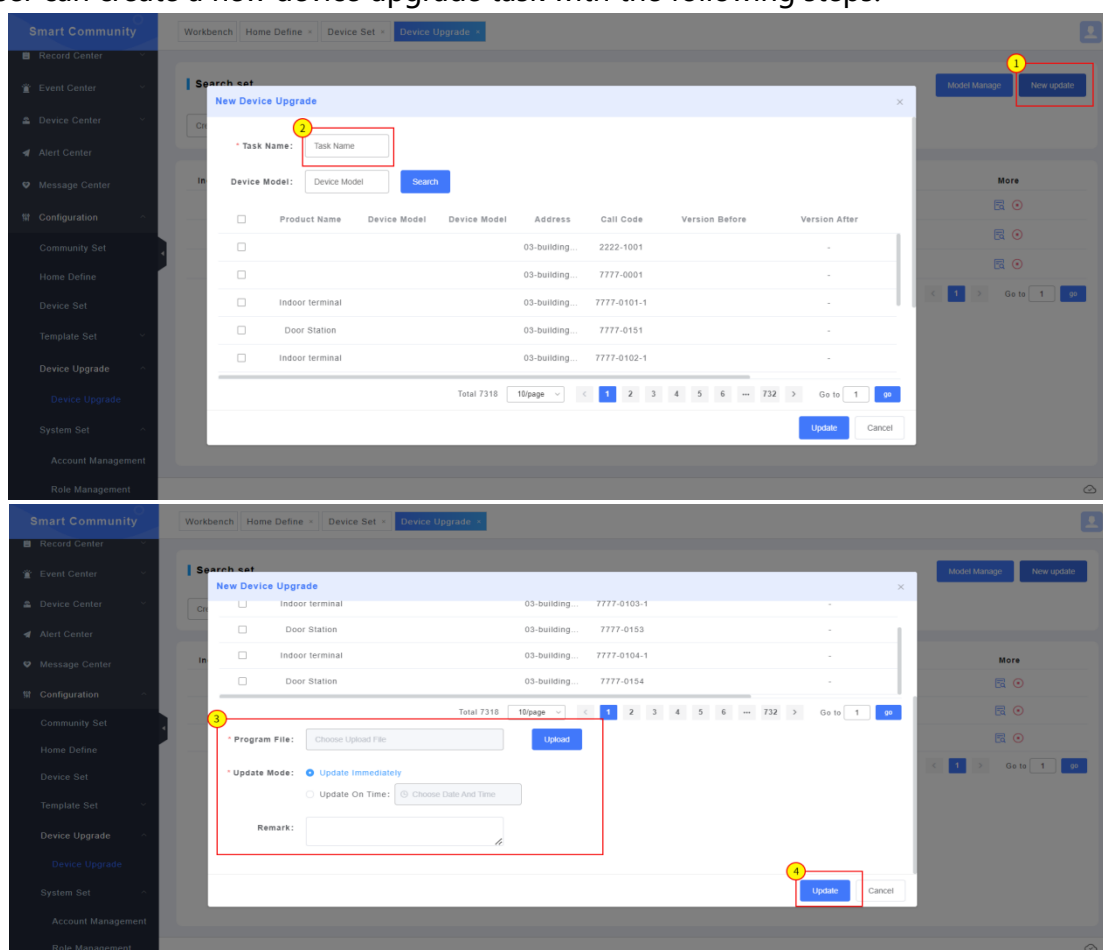
P4-1

Step 1   Click the「New Update」button.

Step 2   Input the task name, enter the device model and click the「Search」button to filter the list below.

Step 3   Select the device to be upgraded, upload the device upgrade file, specify the upgrade mode, enter the remarks.

Step 4   Click the「Update」button to complete the creation of the upgrade task.

View and Terminate the task

The user can select a task in the task list, click on 「 ⊡ 」 icon to view the task detail info. And the user can also click on「 ⊙ 」 icon to stop the task.

4.2 Role Management

There are three user roles defined in the system, the System Administrator, Common user and the Common user without door open power.

When add an account to the system in「Account Manager」, user should set the role type for the account. Commonly there should be only one account with the "System Administrator" role, and other accounts should be set with "Common User" or "Common User (No door open power)" role.

The ser can enter the role management function by click on「Configuration → System Set → Role Management」item. The role management function page is just as the following:
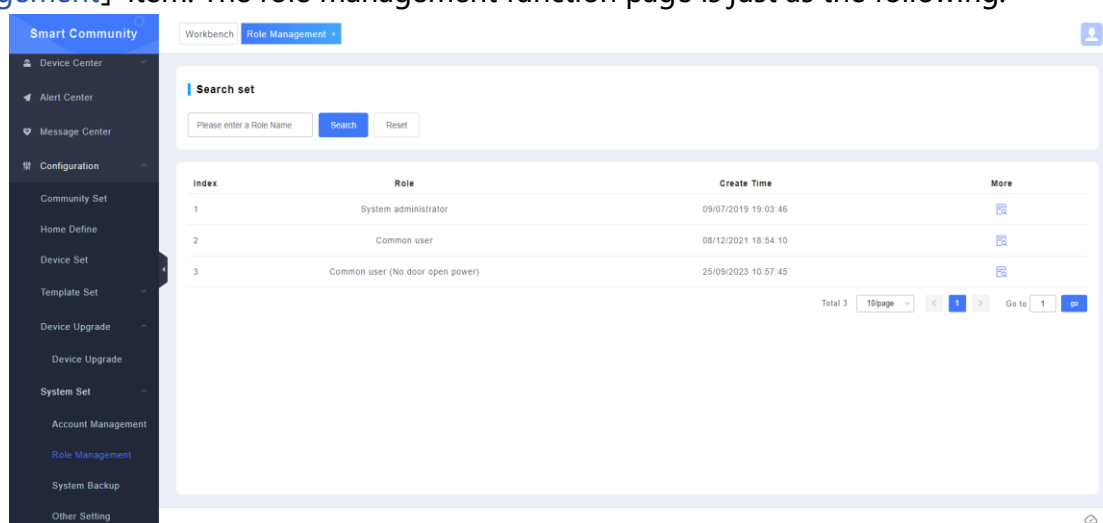
P4-2

In the role management function, the user can click on 「 ⊡ 」 icon to view the detail power data. And the user cannot manage the role power.

The role power description is just as the following:

Role Name	Description
System Administrator	The one who has all power permissions
Common User	All features except the configuration feature are available
Common User (No door open power)	The same power with the common user except opens the door remotely by the smart manager system.

4.3 Account Management

Users can click the 「Configuration-> System Set-> Account Management」 item to enter the function of setting accounts and permissions.

Create a New Account

The user can create a new account with the following steps:
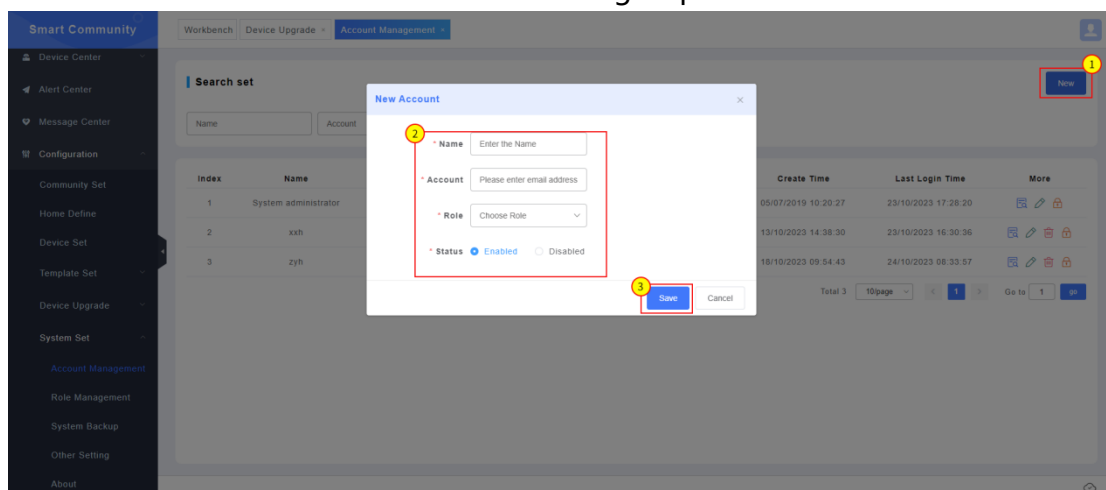
P4-3

Step 1   Click on 「New」 button.

Step 2   Enter the username, login account and role, and set the status to the Enable state.

Step 3   Click on 「Save」 button. the new account will be generated.

Note:

When a new user is generated, the default user password is 123456, and the user can change the password after logging in.

Other Instructions

1. The user can click on the 「 ⊡ 」 icon to view the details of the account.
2. The user can click on the 「 ✎ 」 icon to modify the configuration of the account.
3. The user can click on the 「 🗑 」 icon to delete the account.
4. The user can click on the 「 🔒 」 icon to change the password for the account to the default passwords.

4.4 Backup and Restore

Users can use the「Configuration → System Set → System Backup」to enter the backup and restore function.
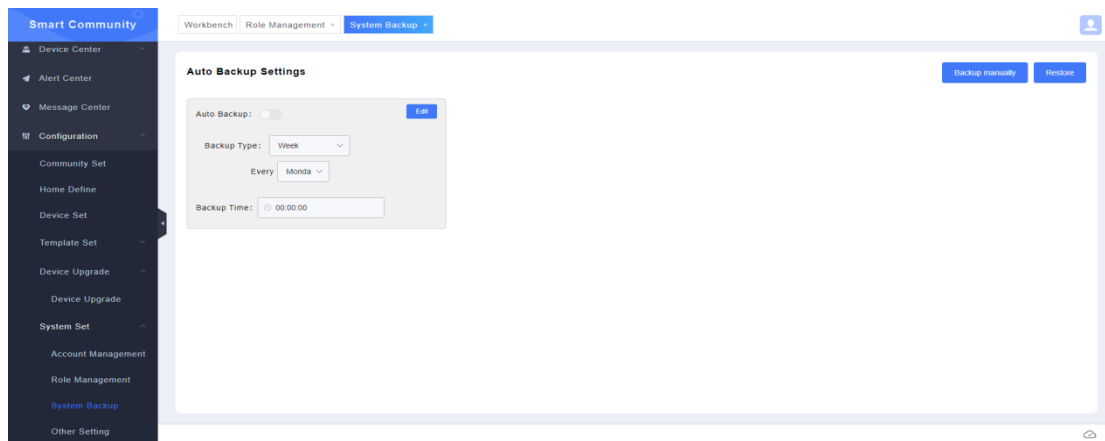
P4-4

Backup Data Automatically

In the backup and restore function, the user can enable the auto backup options, set the backup parameters, then the system will back up the system data automatically.

After user enable automatic backup, when the set time is reached, the system will back up the data and restored in the server, user can query the backup file on the server. And the file path is in "/home/esafe/tomcat8.5.40/webapps/file/backup". The data backed up automatically is stored in the Local Server.

Backup Manually

In the backup and restore function, click on 「Backup manually」 button, select the path where the backup file was exported in the pop-up window, and save it, then the system will back up the system data to your computer.

Data Restore

In the backup and restore function, click on「Restore」button, after selecting the database file you want to restore in the pop-up window, the system will be restored to the state it was in at the time of the backup.

Note:

The data backup and restore function can only be used by using the client. We suggest user should backup the data after the data defined finished, and the data should be backup for each month.

4.5 Other Settings

Users can use「Configuration --> System Set --> Other setting」 item to set the time zone, NAT and other functions.
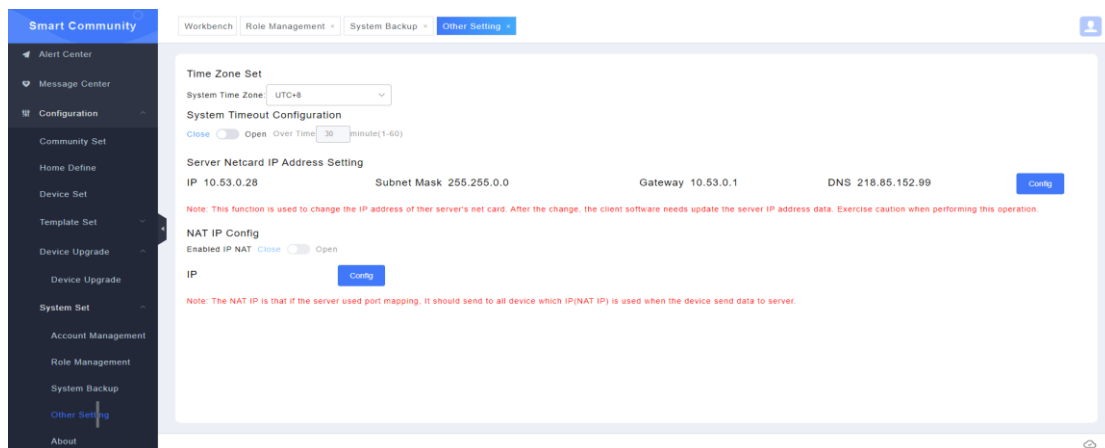
P4-5

Time Zone Set

Here the user can select the time zone used by the system. And after the time zone is set, this parameter will be set to all the device that has connected to the system. In case, when the user set the time zone parameter, there are some devices is not connected to the system, the user should re-set this parameter after the device connected to the system.

System Timeout Configuration

The user can enable the system timeout and set the timeout parameters. It means that If the user has not been using the system for a period of time, they will need to log in again when using it again.

Server Netcard IP Address Setting

The user can change the IP address, subnet mask, gate way and DNS data of the server in this function. These data are the network parameters for the server, and Non-Professionals Should NOT Modify these data.

NAT IP Config & IP

Among them, NAT is applied to the Local Management Server and the building intercom system equipment are divided into different virtual networks, which leads to the isolation of the Local Server and the building intercom system equipment. At this time, it is necessary to consult the network management personnel to enable the NAT function and map the Local Server to the building intercom network.

Commonly, the NAT is not used, or please consult the professional. When the local server and the device network are not on the same network, turn on this configuration, and the IP address is configured as the mapped IP of the router/switch. Please ask your network management technician for the actual configuration. Non-Professionals Should NOT Modify these data.

4.6 About

Users can click on 「Configuration --> System Set --> About」item to enter the about function.
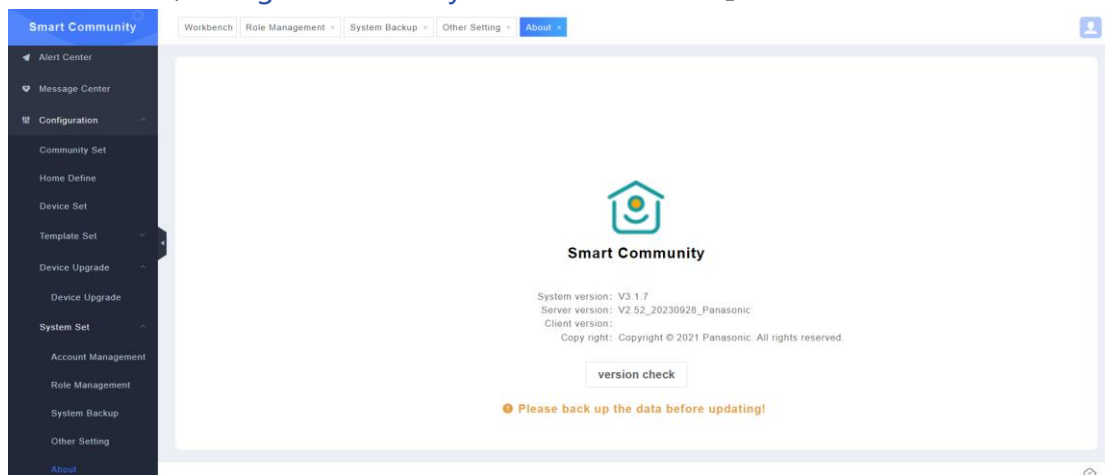
P4-6

In this function, the user can view the system version, server version, client version and other information. The user can click the 「Version Check」button, and the system will request the latest version information from the cloud server at this time. If the latest version is available, the upgrade operation will be performed to realize the upgrade function of the system.

Section 5

Community Management

After completing the configuration of community data on the cloud management system. The property manager can use the system to manage the community information. Manageable data includes home data, residents'   data, QR code synchronization, monitor list, access records, intercom records, security alarm records, device list, device alarm records, notices and messages.

5.1 Workbench

The workbench displays the overall community information, including two quick entrances: household registration and remote door opening functions. At the same time, this interface displays the latest alarm record information.
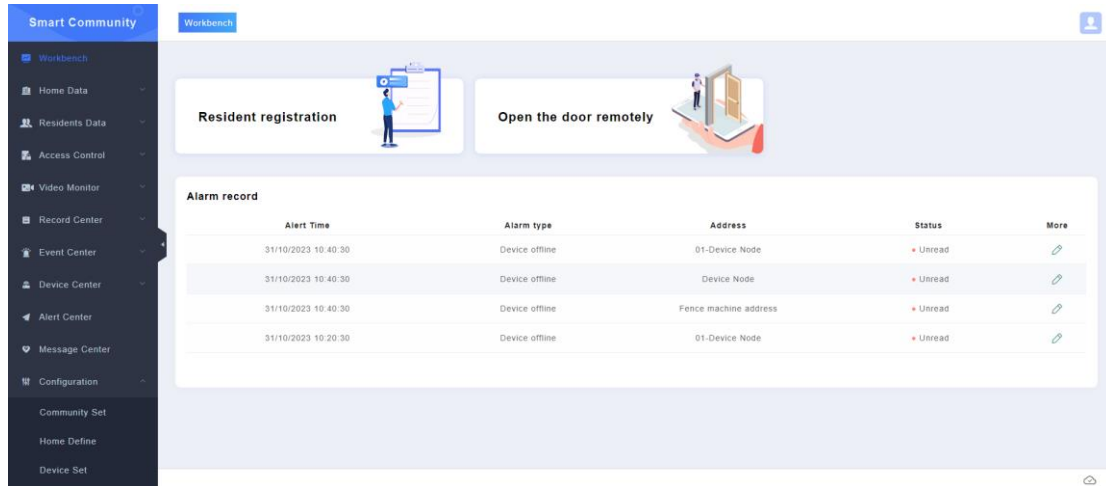
P5-1

1. Resident registration: After the user clicks, first the household registration function, see the description of 6.3 section.
2. Open the door remotely function: realize the door opening function to the door host, see the description of 6.8.1 section.
3. Alarm record: Display the record information of the most recent alarm, and the user can perform alarm processing operations.

5.2 Home Data

Home data displays the basic information of the community, including the capacity of the community and the current occupation situation. The home data also realize the function of remotely checking the status of the door.

Community Data

The Community Data includes two parts, one is the basic information of the community property, another is the housing data information of the community. The data information of the house is specifically the number of buildings, the number of units, the number of homes.

The user can click on「Home Data → Community Data」item to enter the community data function.

In this community data function, the basic information of the community image and the property data is set in the "Community Set" function in part 3.2 and the building's count, the unit count and the home count data are defined in "Home Define" function in part 3.3.
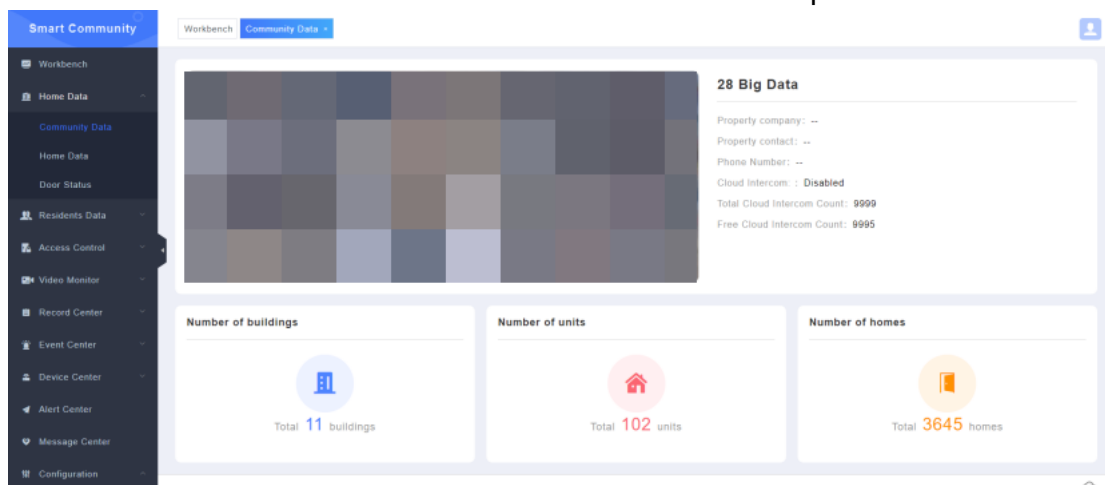
P5-2

Home Data

The home data show the community tree and the home list. The user can query the home address, home number, call number, and whether the APP cloud intercom is enabled, and the Number of APP authorizations count and free count.

The user can click on 「Home Data → Home Data」 item to enter the community data function.
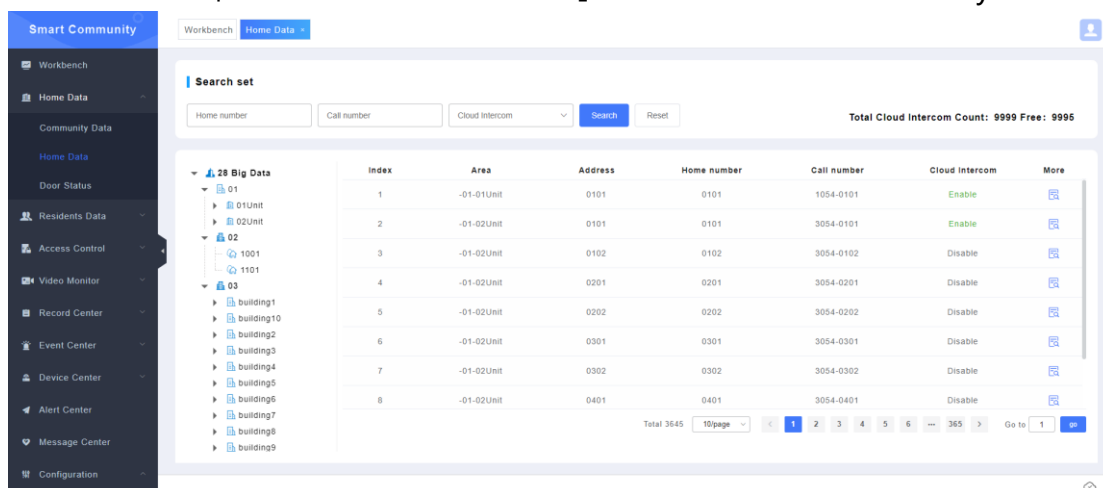
P5-3

The number of APP authorizations is set by the product supplier, if users find that the number of APP authorizations is insufficient, please contact to the product supplier.

The user could click on 「 [icon] 」 icon to view the home detail information, include the home basic data, if the home enabled the APP intercom and the list of the resident's information.

Door Status

The door status function shows the current status of all the doors that reported by the outdoor station. The user can click on「Home Data → Door Status」item to enter the community data function.
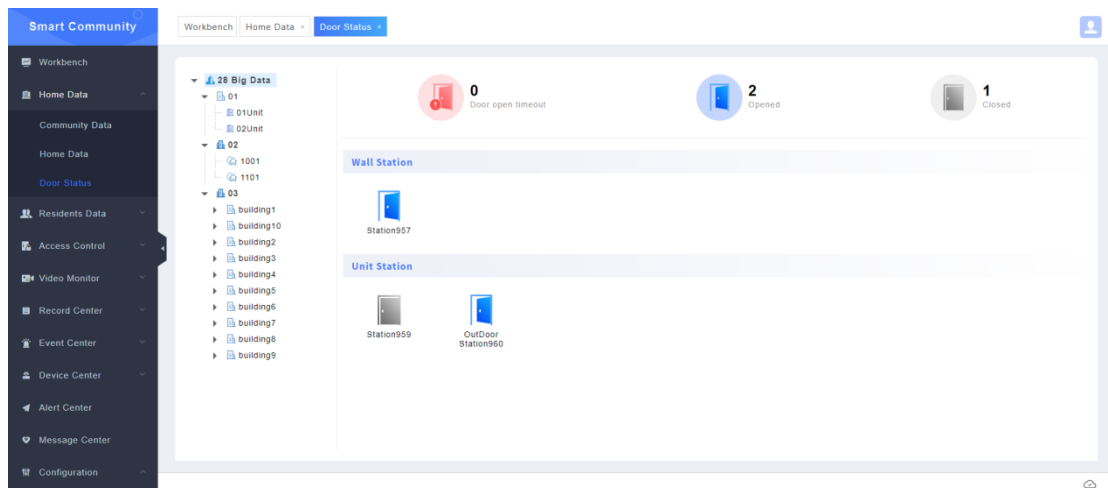
P5-4

Users can select a node in the community tree to check the door status, which includes information about whether the door is open, closed, or if there's an alarm due to the door being left open for an extended period of time.

5.3 Residents Data

In the resident's data function, the user can manage the residents, data the visitor's data and the contractor & staff data.

5.3.1 Residents

In the Residents function, users have the ability to add, modify, and delete residents' data, view the residents detail information, register the access certification, set the elevator floor permission and set the APP account and so on.

The user can click on「Residents Data → Residents」item to enter the residents' function.
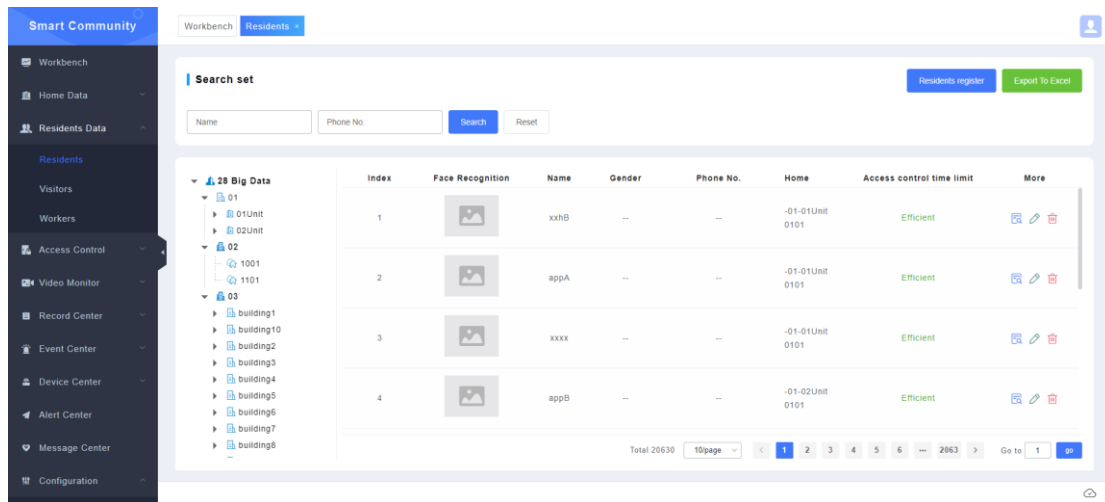
P5-5

Register Residents

The user can register a new resident with the following steps:

P5-6

Step 1   Select a node on the tree to show the home list and select the home which one will add a new resident.

Step 2   Click on「Residents Register」button.

Step 3   Input the resident's data and press「Save」button.

The data description is as the follows:

Name	Description
Basic data	The user can input the name, gender, phone number, remark data and the emergency contact name and contact phone data
Access ability	List of Lobby station that the resident has unlocking authority. The user can click on the input box to remove or add new access authority.
Floor	The elevator floor power for the access certification, the user can click on the input box to set more layers.
Validity period	Set the access certification's validity period.
APP account	The account registered here, log in to the APP to have the home-related functions.
Account type	Main account or sub account. a home can only have 1 main account + 5 sub accounts.
Account Set	After enabled, the APP account has the cloud intercom function.
Face Recognition	If a USB-Camera is connected to the client PC, the user can register the resident's face to the access control system by click on "Register" button.
Access Card	The user can register the access card to the residents.

Note: If a resident has more than one home, in the residents register function, click「Add home」button to register this resident to other homes.

Other Instructions

1. The user can select a node of the tree to filter out all residents under that node. Click the 「⊟ᵩ」 icon to View resident's details.

2. The user can click on the 「✐」 icon to edit the resident information.

3. The user can click on the 「🗑」 icon to delete the resident.

4. The user can click on the「Export To Excel」button, select the location where the file needs to be saved, and the system will export the excel of the resident data to the specified location.

5. If a resident has more than one home, user should select this resident and edit, and in the resident edit function, click「Add home」button to add this resident to other homes.

5.3.2 Visitors

In the "Visitors" function, the user can view the visitors list that created by the APP and the managers, confirm the visitors and create a new visitor.

The user can click on「Residents Data → Visitors」item to enter the visitors' function.

P5-7

New Visitors

The user can create a new visitor by click on「Visitor Registration」button and input the visitor data with the following steps:

P5-8

Step 1   Input the visitor basic data.

Step 2   Select the「Personnel type」data.

Step 3   Input the access control authority data.

Step 4   Click on「Save」button to save the data.
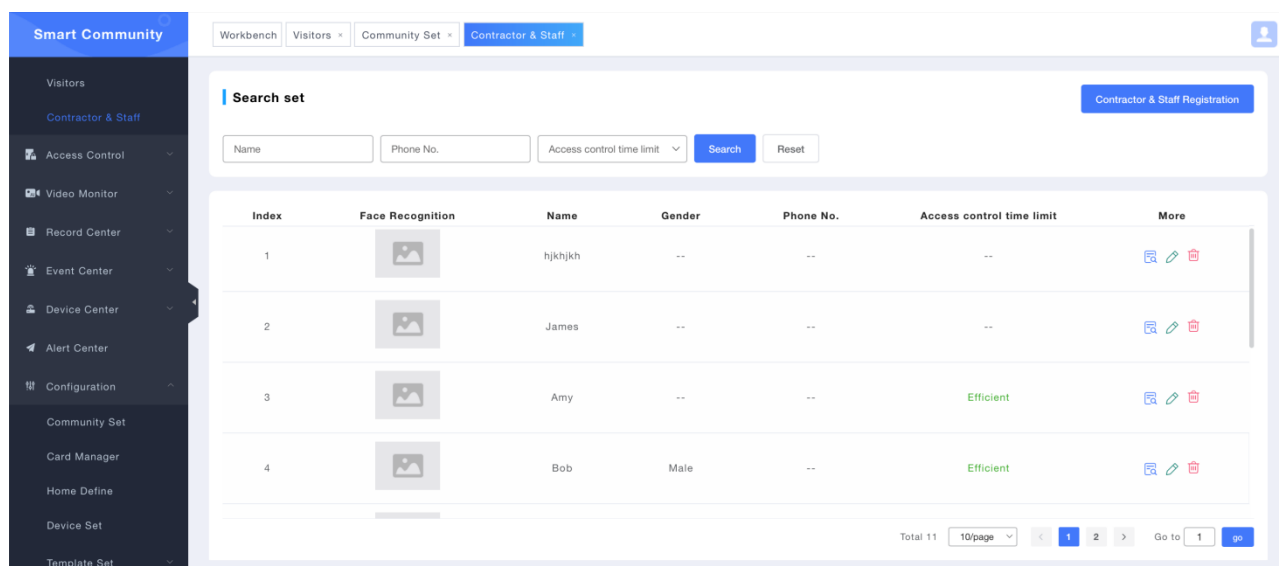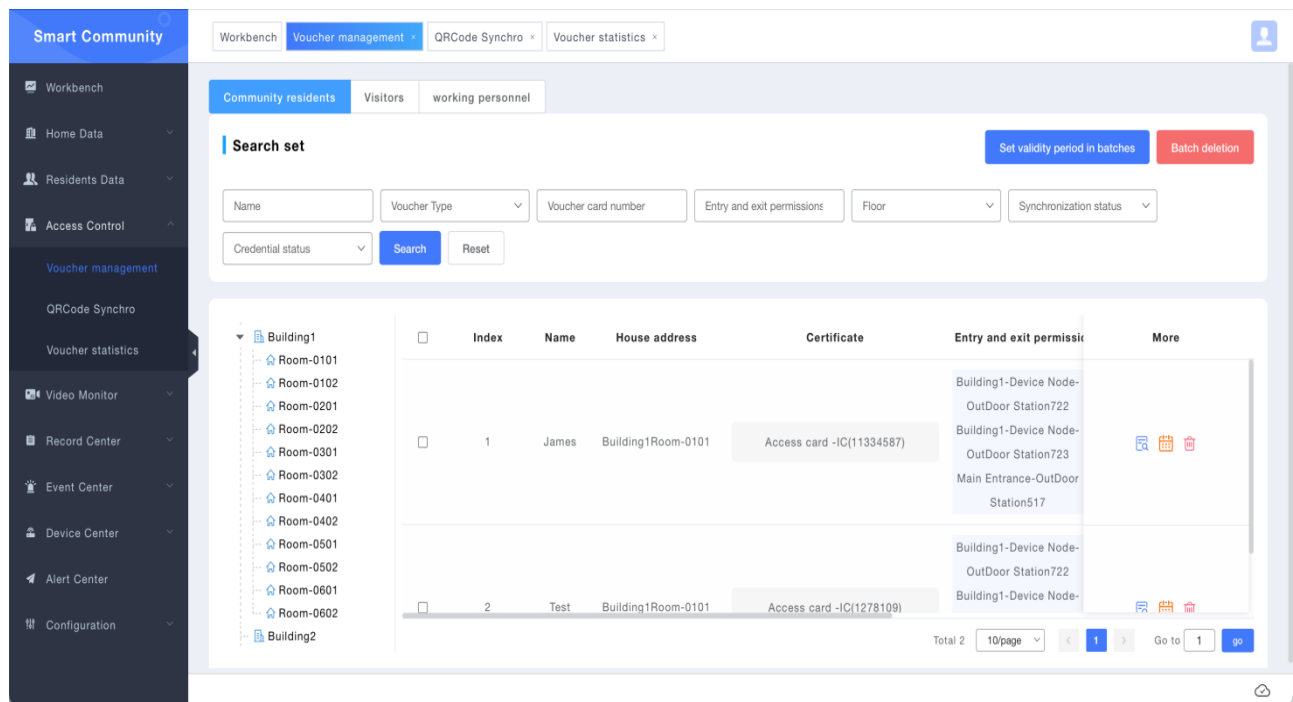
Other Instructions

1. The user can click on「 ⊡ 」icon to view the visitor detail information.
2. The user can click on「 ✎ 」icon to modify the visitor's data.
3. The user can click on「 🗑 」icon to delete a visitor's data.

Note:

If the manager enabled the「Require Visitor Verification」option in the "Community Set" function (in Part 3.2), it means that when the residents create a visitor by APP, The QR code and the temporary passwords cannot open the door on the lobby station until the manager click on the「 ✎ 」icon to edit and save the visitor's data.

5.3.3 Contractor & Staff

In the Contractor & Staff function, the user can create, edit and remove the contractor & staff. The user can click on「Residents Data → Contractor & Staff」item to enter the contractor & staff function.

P5-9

New Contractor & Staff

The user can click on「Contractor & Staff Registration」button to add a new contractor & staff.

P5-10

Step 1   Input the basic data of the contractor.

Step 2   Set the access control authority data.

Step 3   Click on「Save」button to save the data.

Other Instructions

1. The user can click on「 ⊞ 」icon to view the visitor detail information.
2. The user can click on「 ✎ 」icon to modify the visitor's data.
3. The user can click on「 🗑 」icon to delete a visitor's data.

5.4 Access Control

The user can manage the access control data by the person, by the access certification and by the outdoor station.

5.4.1 Voucher Management

The user can manage the access control data by the person in this function. After click on the 「Access Control --> Voucher Management」item, the user can manage the residents, visitors and contractors with the follow steps:

P5-11

Step 1   The user can click on "Community residents", "Visitors" or "working personnel" tab to manage the residents, visitors or contractors.

Step 2   The user can select a person in the list and click on 「 ⊡ 」 icon to view the detail information or click on 「 📅 」 icon to update the new validity period or click on 「 🗑 」 icon to delete the person.

Step 3   The user can select several persons and click on「Set Validity Period Batches」button to update the new validity period in batches.

Step 4   The user can select several persons and click on「Batch Deletion」button to delete the persons.

5.4.2 QR Code Synchro

The user can manage the access control data by the access certification in this function. After click on the 「Access Control --> QR Code Syncro」 item, the user can manage the access certification with the follow steps:
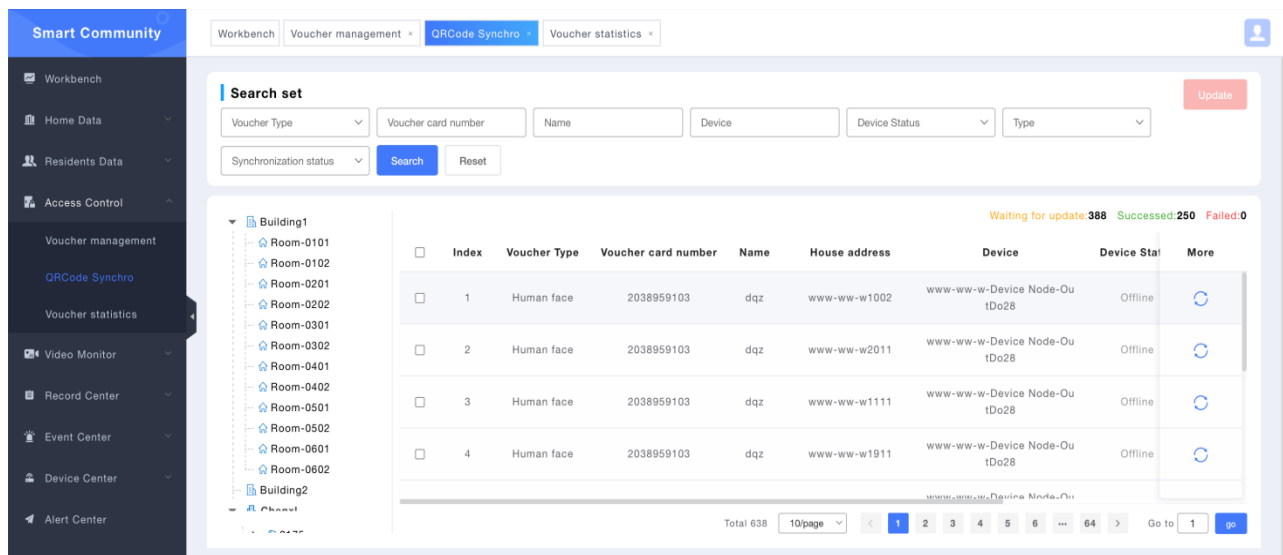
P5-12

Step 1   The user can set the search conditions and search or select a node to show the access certifications in the list.

Step 2   After select the access certifications, the user can click on 「 ↻ 」 icon to update the certification to the access control machines.

Step 3   The user can select several access certifications and click on 「Update」 button to update these certifications to the access control machines.

5.4.3 Voucher Statistics

The user can manage the access control data by the outdoor station in this function.

After click on the 「Access Control --> Voucher Statistics」 item, the user can manage the access certifications with the follow steps:

P5-13
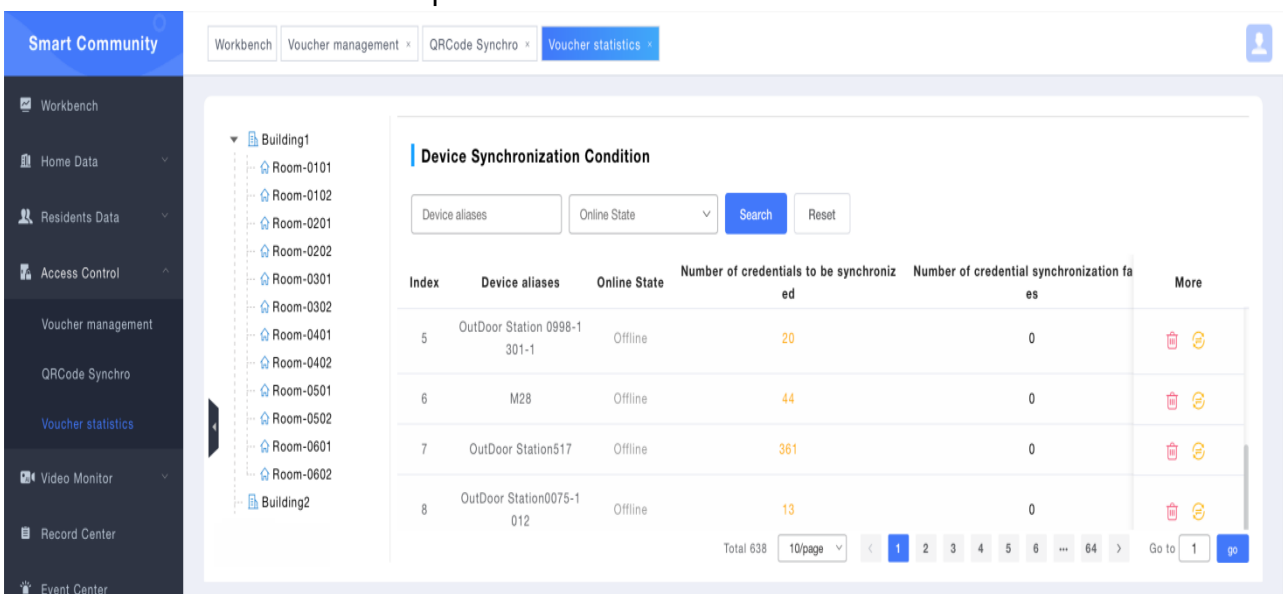
Step 1   Select a node in the tree to show the outdoor stations which is defined under this node.

Step 2   Users can click on the 「 ⌷ 」 icon to clear all the access certifications that has been registered in the device, include the cards, QR code, faces and so on.

Step 3   Users can click on the 「 ⟳ 」 icon to re-downloads all the access certifications from the manager software to the devices.

5.5 Video Monitor

In the video monitor function, the user can select an IP Camera or outdoor station and view the video of the device. The user can click on 「Video Monitor → Monitor List」 item to enter the function.
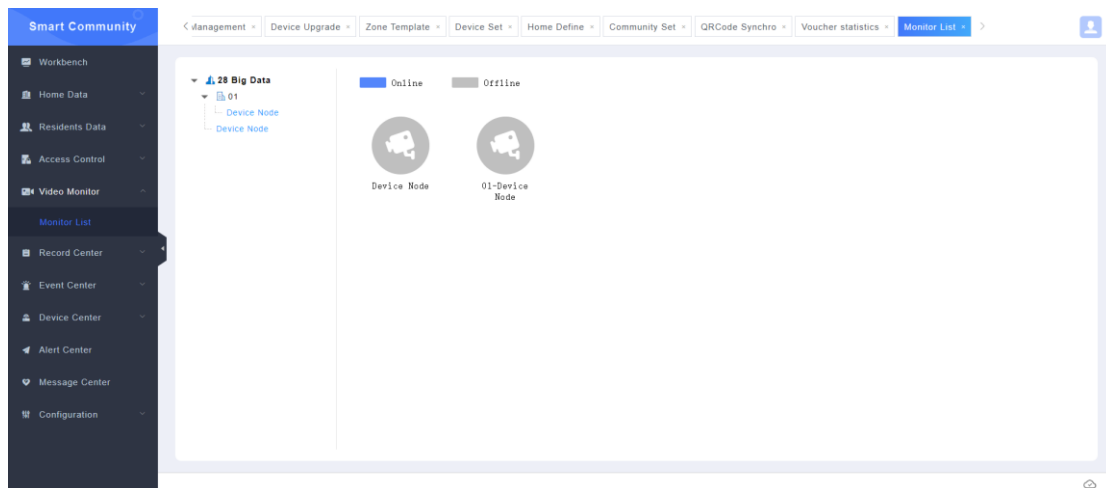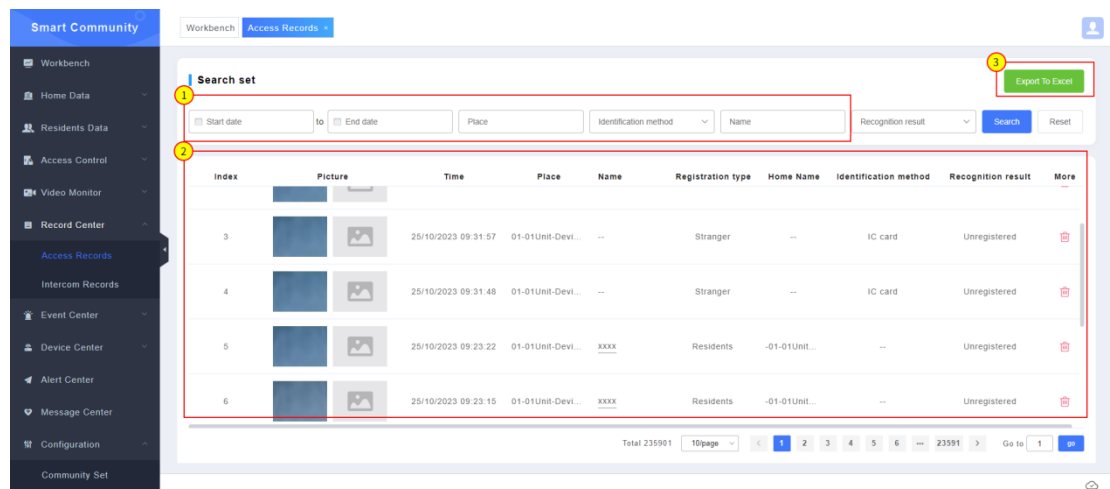

P5-14

Note:

Only the client software can support the video monitor function. The user can only view the monitor list in the web browser.

5.6 Record Center

In the record center function, the user can view the access records data and the intercom records data.

Access Records

The user can enter the access records function by click on 「Record Center → Access Records」item.

P5-15

In the access records function, the user can search the records by input the search conditions and press 「Search」 button.

In the access records function, the user can click on the picture to view the large image, and the user can click on the 「🗑」 icon to delete the record.

The user can click on 「Export to Excel」 button to export the records to the excel file.

Intercom Record

The user can enter the intercom records function by click on 「Record Center --> Intercom Records」item. In the intercom records function, the user can search the records by input the search conditions and press 「Search」 button.

In the access records function, the user can click on the picture to view the large image, and the user can click on the 「🗑」 icon to delete the record.

5.7 Event Center

The user can enter the function by click on the「Event Center → Security Alarm」item.
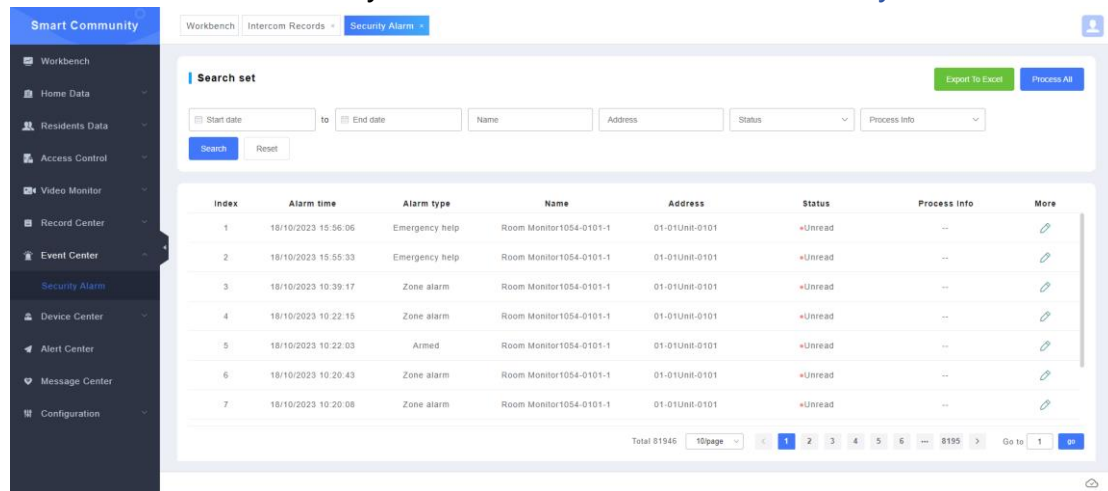
P5-16

After the security alarm occurred, the device will report the alarm to the manager software. The event center mainly realizes the recording of security alarms.

In the security alarm function, the user can search the alarm list by input the search conditions and press the「Search」button.

The user can click on「 ✎ 」icon to view the alarm detail information and input the alarm process data and click on「 🔍 」icon to view the alarm detail information.

The user can click on「Process All」button to process all the alarm records by input the alarm process data.

The user can click on「Export to Excel」button to export the records to the excel file.

5.8 Device Center

In the device center function, the user can view the device list and reboot the device, set or cancel the emergency state of the outdoor station in the device list function. And the user can view the device except alarm record in the device alarm function.

Device List

The user can click on 〔Device Center --> Device List〕item to enter the device list function.
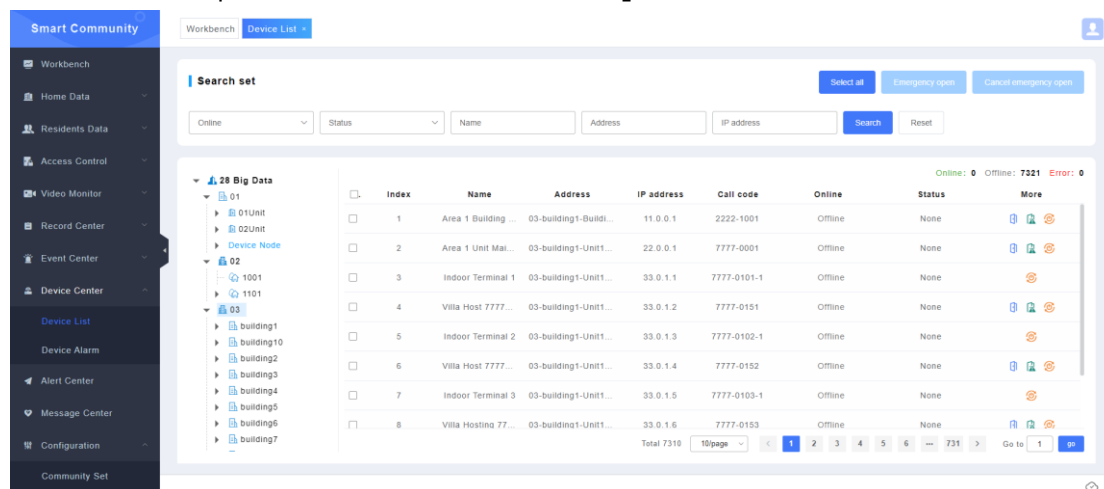

P5-17

The device list function displays a list of all lobby stations, Room Monitors, Door Stations, Guard Stations, and other devices in the current system. The user can click on 「 」icon to restart the device.

If the device is an outdoor station, the user can click on 「 」icon to open the door and click on the 「 」icon to set the outdoor station to be emergency open state.

After select one or several outdoor station, the user can click on 〔Emergency Open〕button, the user can set the devices to be emergency open state and click on 〔Cancel Emergency Open〕button to cancel the device's emergency open state.

Device Alarm

The user can click on 〔Device Center → Device Alarm〕item to enter the device list function.
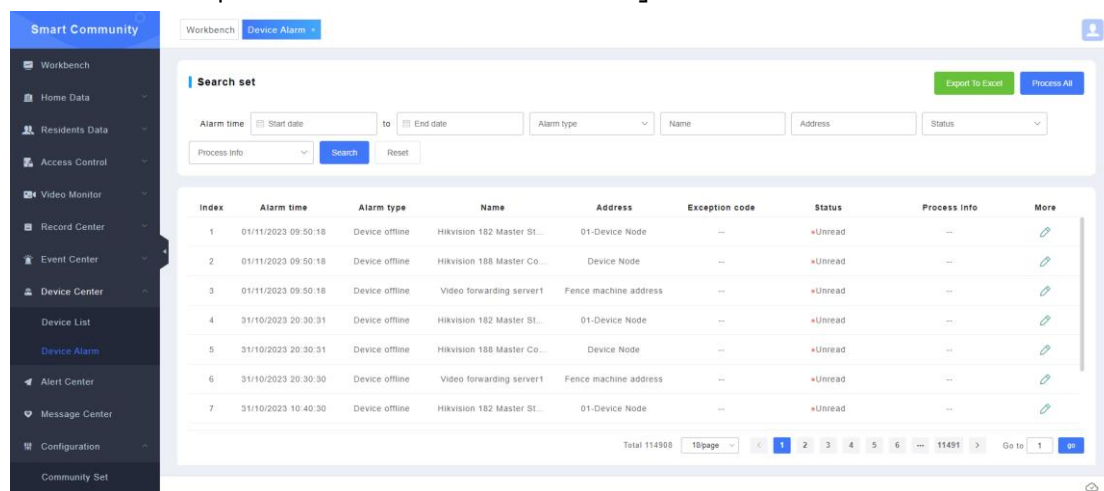
P5-18

The device alarm function shows the device except alarms record, include the device offline alarm and the device removal alarm.

The user can click on 「 ✐ 」 icon to view the alarm detail information and input the alarm process data and click on 「 🔍 」 icon to view the alarm detail information.

The user can click on 「Process All」 button to process all the alarm records by input the alarm process data. The user can click on 「Export to Excel」 button to export the records to the excel file.
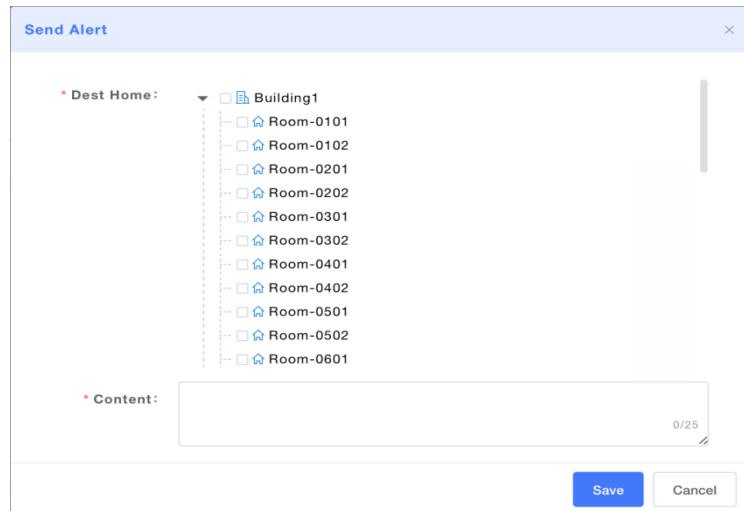
5.9 Alert Center

The user can click on 「Alert Center」 item to enter the alert center function. Once a critical situation occurs in the community, the user can create an alarm information to notify the residents to flee the scene.
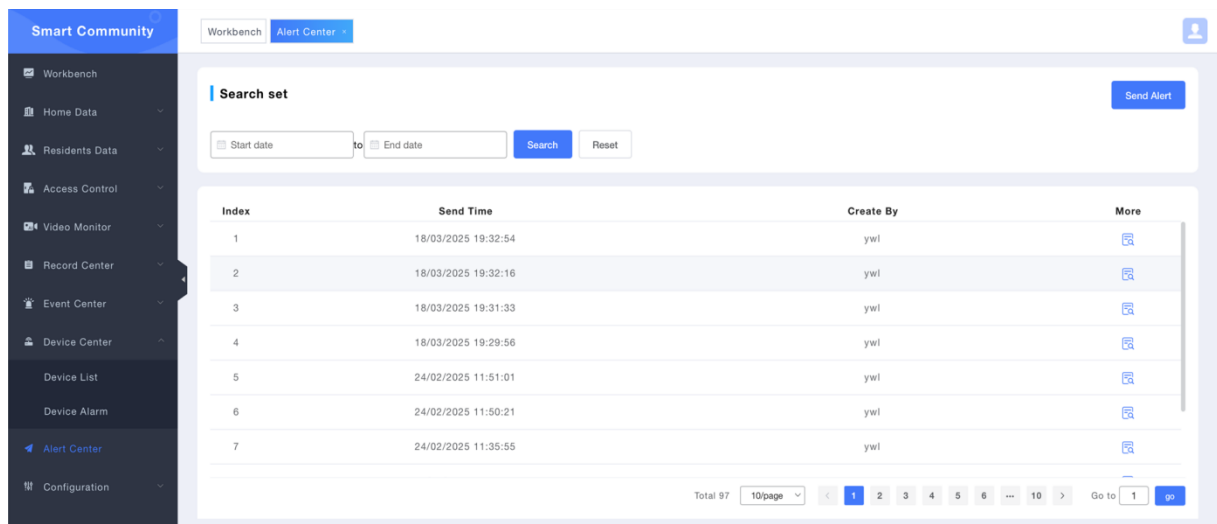
P5-19

Create a New Alarm

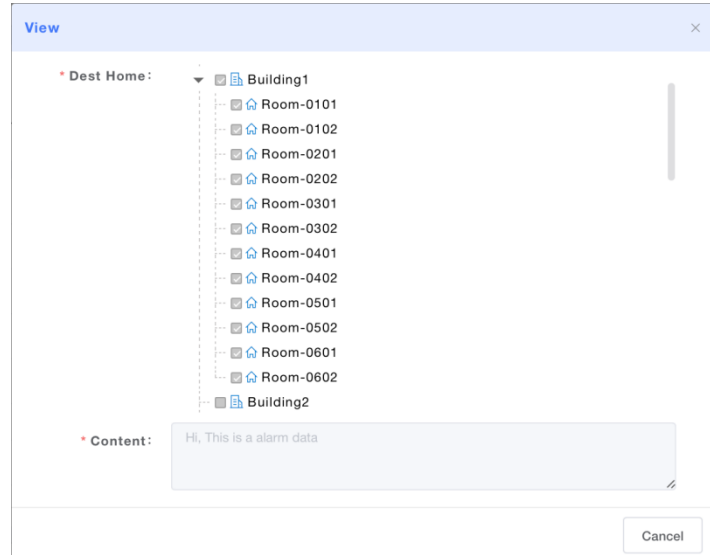The user can click on 〔Sent Alert〕 button to create a new alarm.

P5-20

After input the alarm content, select to rooms which one should receive the alarm and press 〔Save〕 button to send the alarms to the room monitors that the home installed.

View Alarm Detail Info

The user can click on the 〔 🔍 〕 icon in the alert list to view the alert detail information.
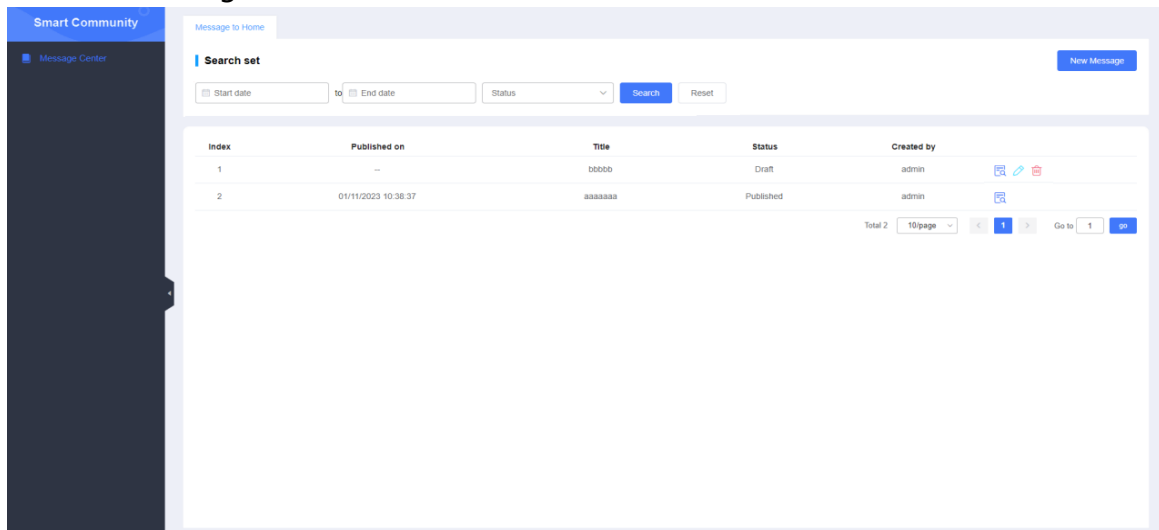

P5-21

5.10 Message Center

In the Message Center, users can send notice or message to the devices. The user can click on 〔Message Center〕 item to enter the message center function (because the message needs to
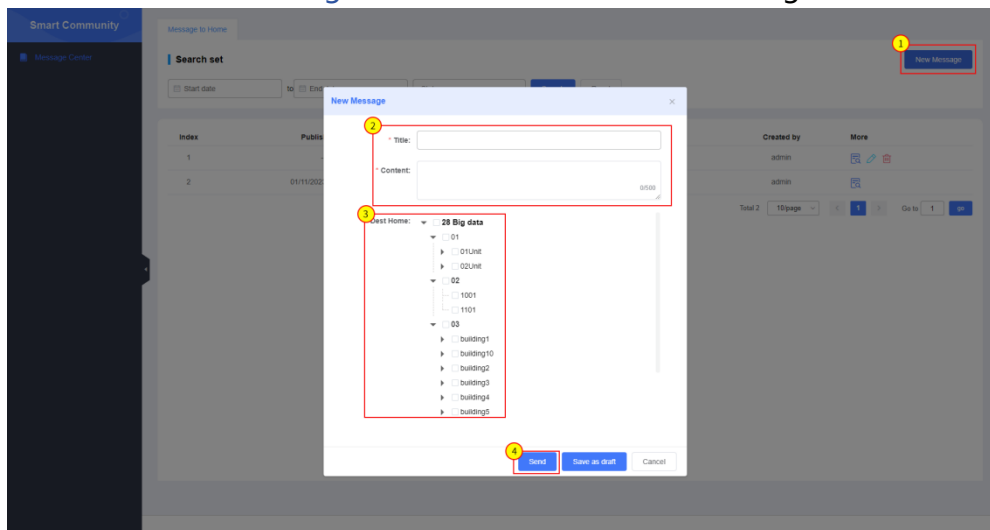
send to the mobile APP, so the local manager software should connect to the cloud server, otherwise the message function will be hide).

P5-22

New Message

The user can click on「New Message」button to create a new message.

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After input the message title and message content, select which home should receive the message and press「Send」button to send the message to the room monitors. or the user can click on「Save as Draft」button to save the message as a draft.

Other Instructions

The user can click on「🔍」icon to view the message detail information, click on「✏」icon to edit the message that which one is saved as draft and click on「🗑」icon to delete the message if the message does not send out.