

# **Configuration of the system by VSP 806 Setting Tool**

After installing and connecting all VSP 806, the system will need to be configured before Using advanced function such as, name-list, customize input for building over 32 apartments.

Free of installation and establish the database, VSP 806 Setting Tool is powerful but light and easy tool for VSP 806, it helps you build-up a project easily. Configure the system using the "VSP 806 Setting Tool" application.

Install the application on a PC and use to create the configuration for all VSP 806. Search for VSP 806 on the network; assign and upload configuration data for the system. VSP 806 Maintains

PC requirements for using the VSP 806 Setting Tool.

**Operating System:** Windows 7 / Windows 8 / Windows 10

**CPU:** 32 bit (x86) processor or 64 bit (x64) processor of 1 GHz or higher

**Memory:** 2 GB RAM or Higher

### Configure for PC/Laptop

The VSP 806 default IP address is from (192.168.243.1) ~ (192.168.243.199). The PC will need to be set in the same subnet in order to connect to the VSP 806.

#### A. Open Control Panel

- Windows XP® (Classic View) **Network Connections**

Double click **Local Area Connection** to open **Connection Status** window.

- Windows 7/8/10® (Category View) **Network and Internet View network status and tasks** Click **Local Area Connection** to open the **Local Area Connection Status** window.

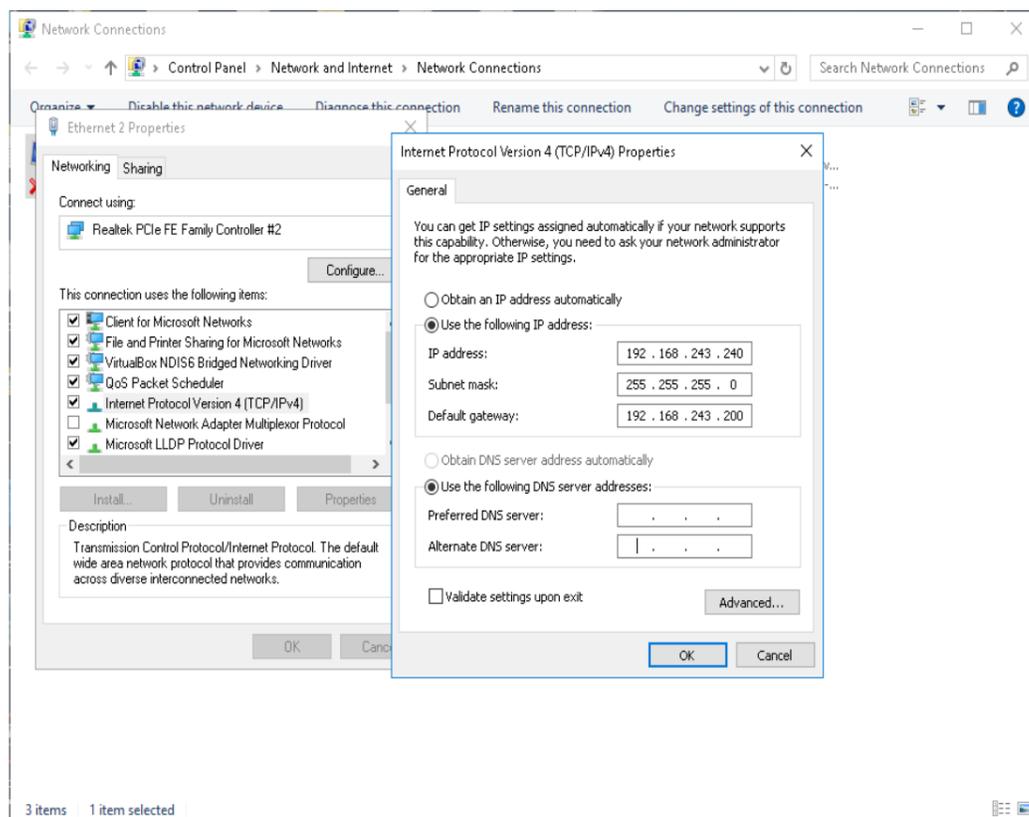
B. Click the **Properties** button to open **Local Area Connection Properties** window.

C. Scroll down and left click **Internet Protocol (TCP/IP)** then click **Properties** button to open **Internet Protocol Properties** window.

D.  Select the **Use the following IP address** radio button. Type in the IP address 192.168.243.233 (the last number can be any valid host address from 233~254), change the subnet mask to 255.255.255.0.

E. Click [OK], and the Gateway is 192.168.243.200

F. Click [OK] in **Connection Properties** window to accept these changes.



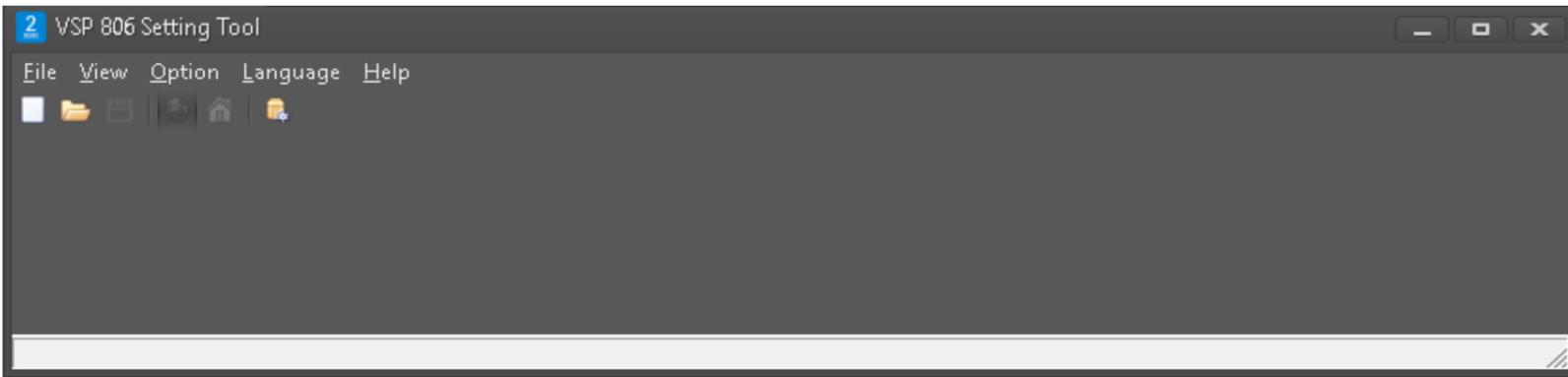
### Running VSP 806 Setting Tool

After running the installation file, double click on the icon "VSP 806 Setting Tool"



This is the first window showing when running the software

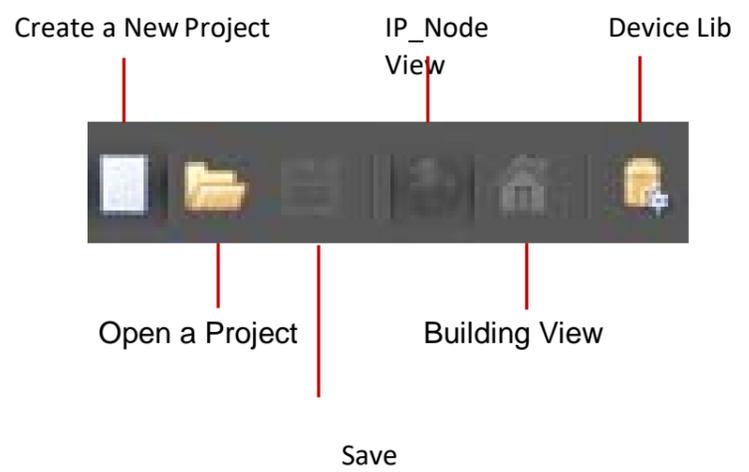
Tool Bar      Menu Bar



### Menu Bar

- File: to create a new project or open a exist project View:
- change setting menu's sort
- Option: manage device lib Language:
- switch display language
- Help: disable/enable log files for technical.

### Tool Bar



### Settings window sample

Configure all the VSP 806 in the system from the Settings window.

**Devices:**  
Show all items that can be configured. Click the title to be configured and appropriate setting window will display.

**Setting Switching:** o updates the station settings. Click to switch the window to Settings (IP\_Node View).

**Settings window:**  
This indicates the Setting window of the title selected.

The screenshot displays the VSP 806 Setting Tool interface. On the left, a tree view shows a hierarchy of nodes under a 'Demo' folder, with IP addresses listed next to each node. The main area features a table with columns for 'Selected', 'Node ID', 'IP', 'Name', 'Node Type', 'Device Type', 'Building', 'Input', 'State', and 'Mac Address'. The table lists 12 nodes, with the last one (Node ID 202) marked as 'Offline'. Below the table, there are several control buttons: 'Add', 'Edit', 'Delete', 'Batch IP configuration', 'Select All', 'Unselect All', 'Check Online', 'Discovery', and 'Update IP'. The top of the window includes a menu bar with 'File', 'View', 'Option', 'Language', and 'Help'.

Selected	Node ID	IP	Name	Node Type	Device Type	Building	Input	State	Mac Address
<input checked="" type="checkbox"/>	2	192.168.243.2	Building32_IM1	Indoor Monitor	VSP 806 Def(806_00.00.07)	Building 32	32	Online	
<input checked="" type="checkbox"/>	3	192.168.243.3	Building32_IM2	Indoor Monitor	VSP 806 Def(806_00.00.07)	Building 32	32	Online	
<input checked="" type="checkbox"/>	4	192.168.243.4	Building32_IM3	Indoor Monitor	VSP 806 Def(806_00.00.07)	Building 32	32	Online	
<input checked="" type="checkbox"/>	5	192.168.243.5	Building32_DS1	Door Station	VSP 806 Def(806_00.00.07)	Building 32		Online	
<input checked="" type="checkbox"/>	6	192.168.243.6	Building32_DS2	Door Station	VSP 806 Def(806_00.00.07)	Building 32		Online	
<input checked="" type="checkbox"/>	7	192.168.243.7	Building32_DS3	Door Station	VSP 806 Def(806_00.00.07)	Building 32		Online	
<input checked="" type="checkbox"/>	8	192.168.243.8	Building32_DS4	Door Station	VSP 806 Def(806_00.00.07)	Building 32		Online	
<input checked="" type="checkbox"/>	9	192.168.243.9	CS 1	Common Station	VSP 806 Def(806_00.00.07)		9001	Online	
<input checked="" type="checkbox"/>	10	192.168.243.10	CS 2	Common Station	VSP 806 Def(806_00.00.07)		9002	Online	
<input checked="" type="checkbox"/>	11	192.168.243.11	new building	Door Station & Indo	VSP 806 Def(806_00.00.07)	Building 31	33	Online	
<input checked="" type="checkbox"/>	201	192.168.243.201	GL 1	Gard Unit	VSP 801 Def(801_00.00.07)		2001	Online	
<input checked="" type="checkbox"/>	202	192.168.243.202	GL 2	Gard Unit	VSP 801 Def(801_00.00.07)		2002	Offline	

**How to configure**

Here will use an example project to guide how to configure the system. The example as below:

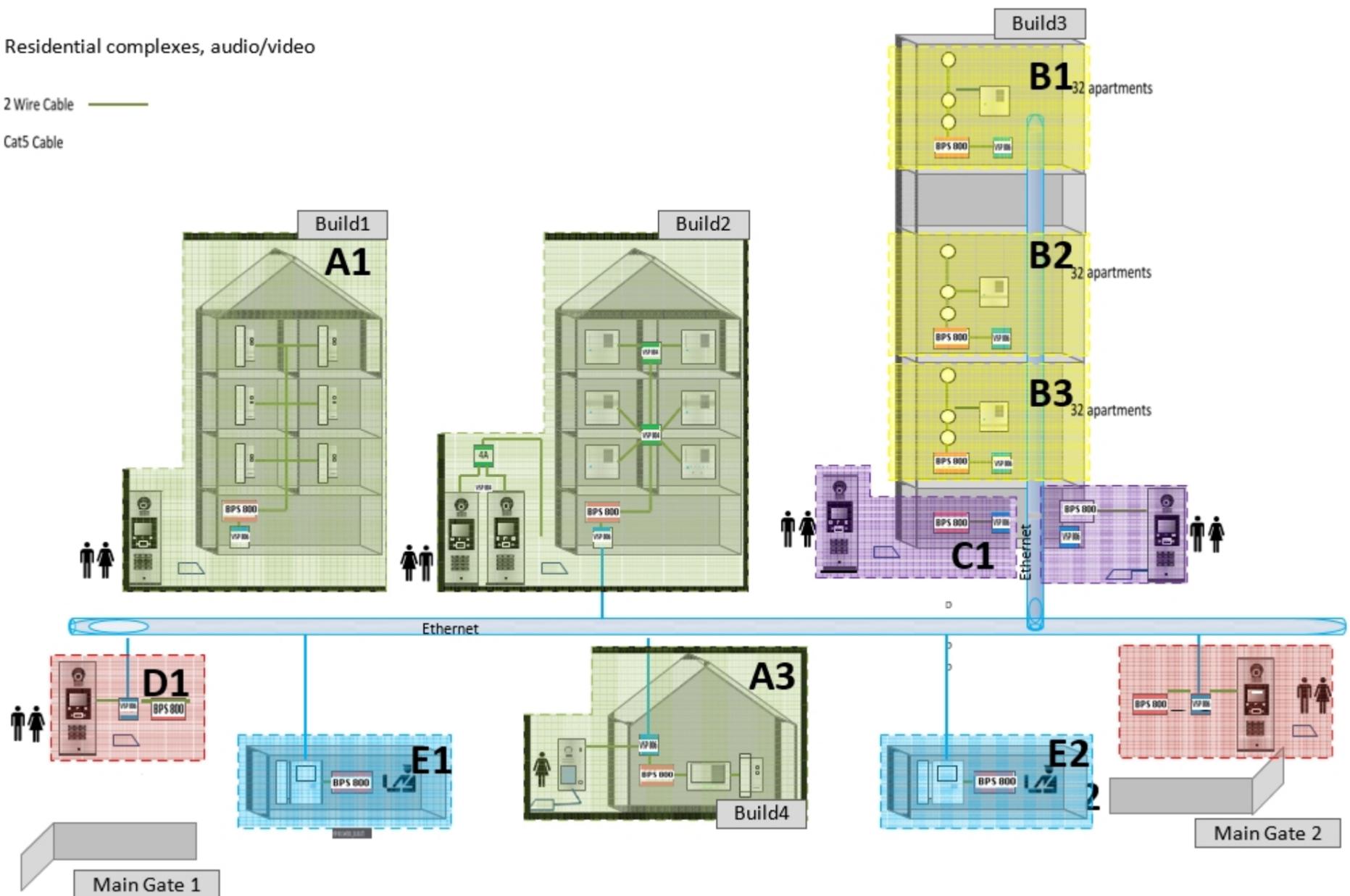
- Build 1: Building within 128 audio handsets.
- Build 2: Building within 32 video monitors
- Build 3: Building with more than 32 video monitors, here take as 96
- Build 4: Villa or Small apartment within 4 monitors
- And 2 Common door stations and 2 Guard units

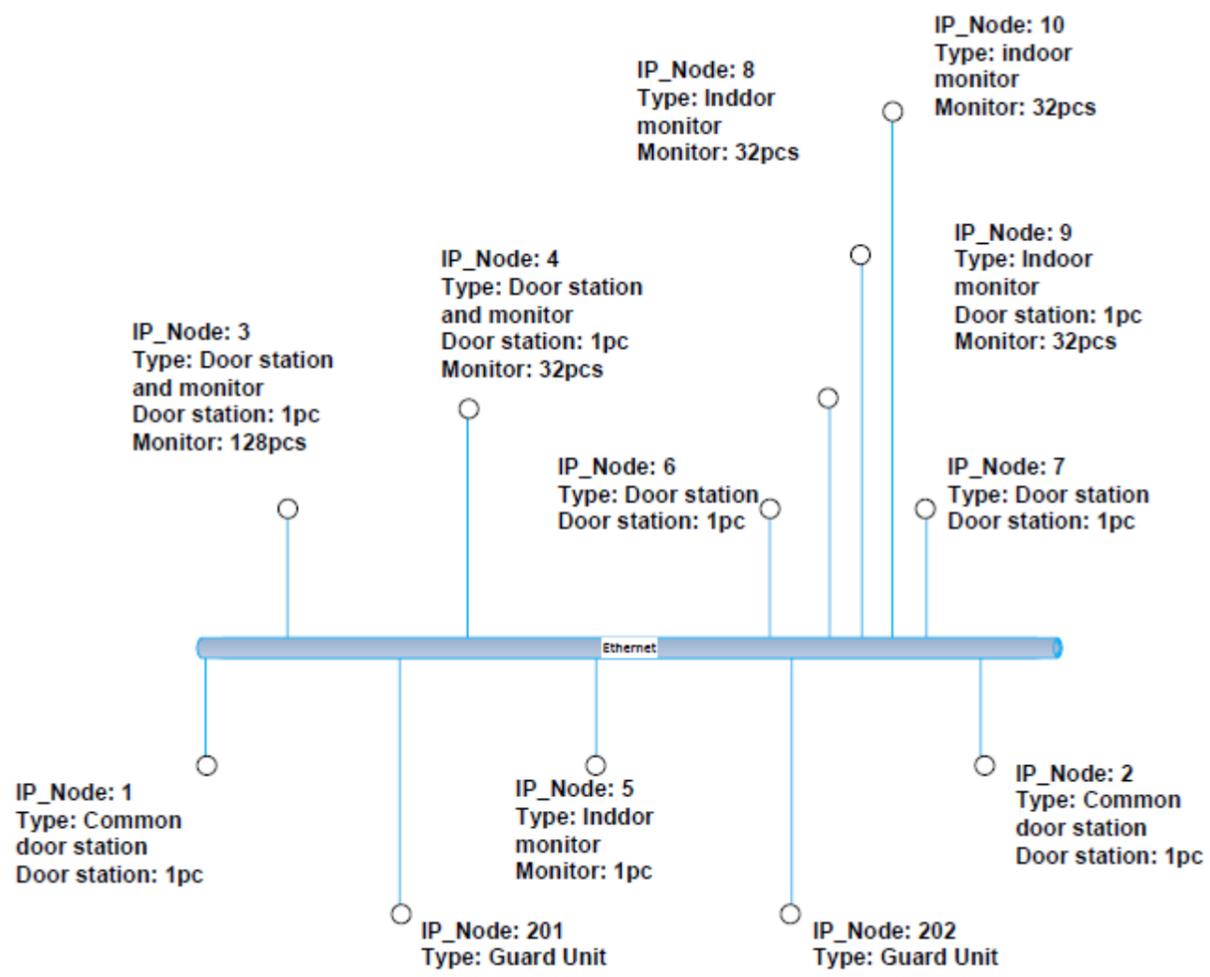
Each Building is a typical building in 800 System, in example will only show one for each type, but in configure the building quantities can be set as required

**Node Type**

To identity each VSP 806 duty is important, Node Type is to make each VSP 806 knows what responds for, there are 5 kind of different type:

-  **1. Common Door station**, this Node Type connect with one VSP 898, and it can call to all the indoor units in the whole system, such as D1 and D2 in the example
-  **2. Door station and Indoor Monitor**, this Node Type connect with multi door station (less than 4) and multi indoor units (less than 32 video or 128 audio), door station is private and can only reach to this building. such as A1, A2 and A3 in the example
-  **3. Door station**, this Node Type connect with one VSP 898, but it limits to call to only the indoor units inside the building, it works for the building as normally door station, such as C1 and C2 in the example
-  **4. Indoor Monitor**, this Node Type connect with only multi monitors(no more 32), it is an extent for the High-Rise building for each more 32 monitors, such as B1, B2 and B3 in the example
-  **5. Guard Unit**, this Node Type is not VSP 806 but VSP 801, it can call all the units and been call by any door station, such

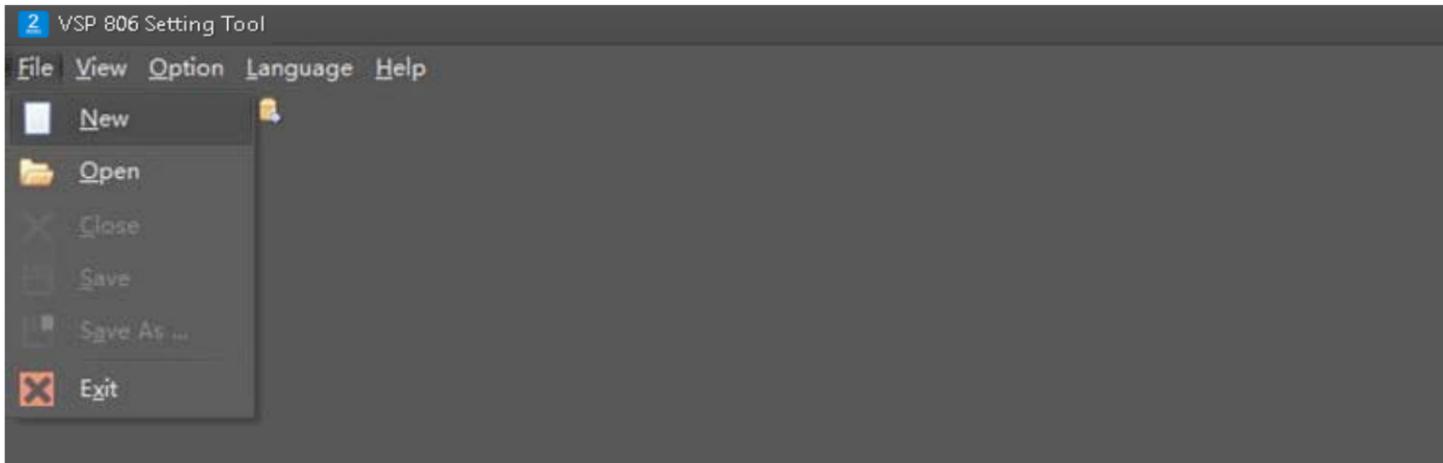




## Create a New Project

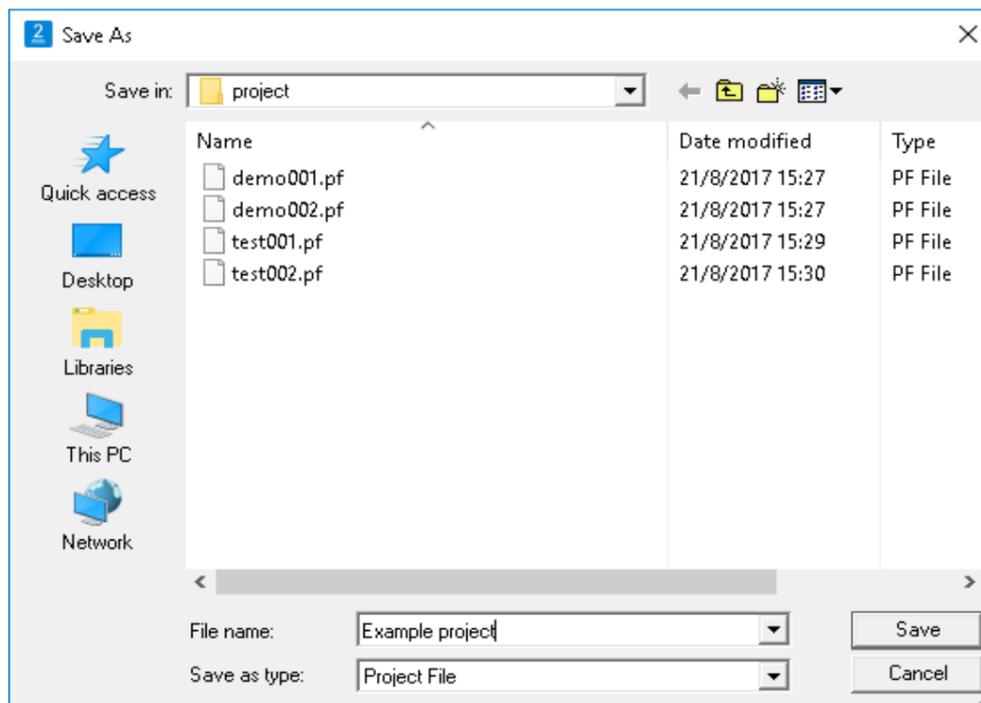
1. There are 2 ways to create a new project:

1). Click "File" on the Menu bar and click on "New"

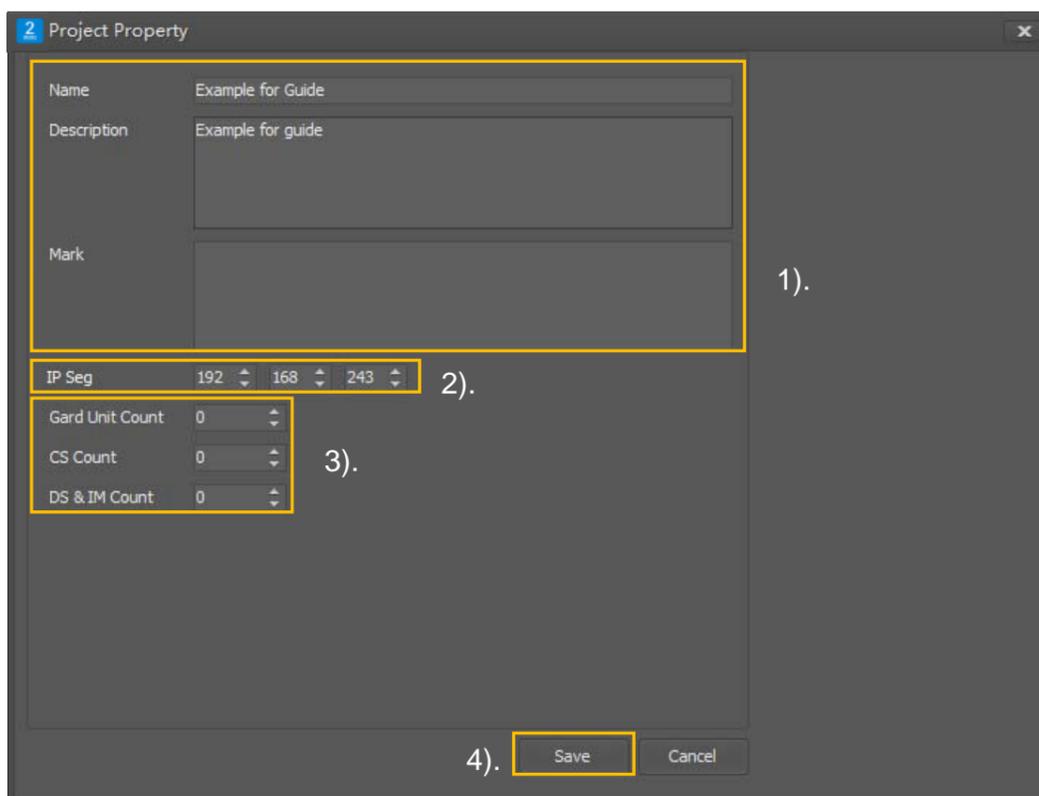


2). Click "New"  icon on the tool bar

2. After creating a new project a window will pop up, choose the project file storage directory and name for the project.



3. After creating a new project a window will pop up, choose the project file storage directory and name for the project.



1). Enter general description for the project, which is changeable in the next

2). Enter the IP segment for VSP 806, by default is start with 192.168.243

3). Fill in 3 Basic IP\_Node's quantity:

Guard Unit

CS - Common door station

DS&IM - Door station and Indoor monitor

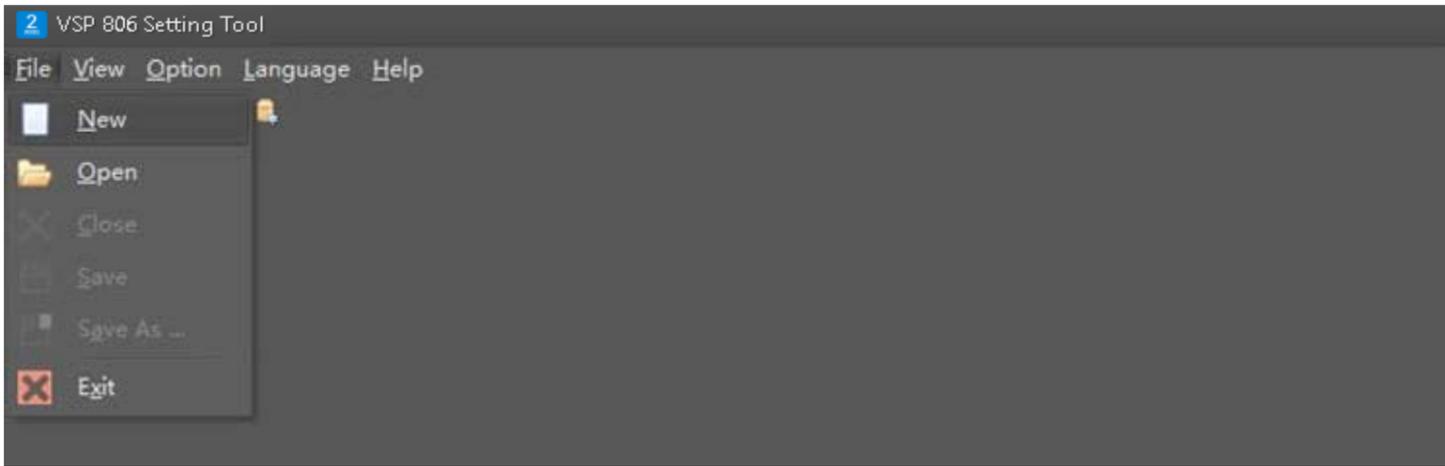
For rest of two IP\_Node type (Indoor Monitor and Door Station) can be added in the setting window. And all configuration is editable in setting window. Here will fill in "2,2,2" as the example project

4). Click on "Save" to save the project

## Open a exist Project

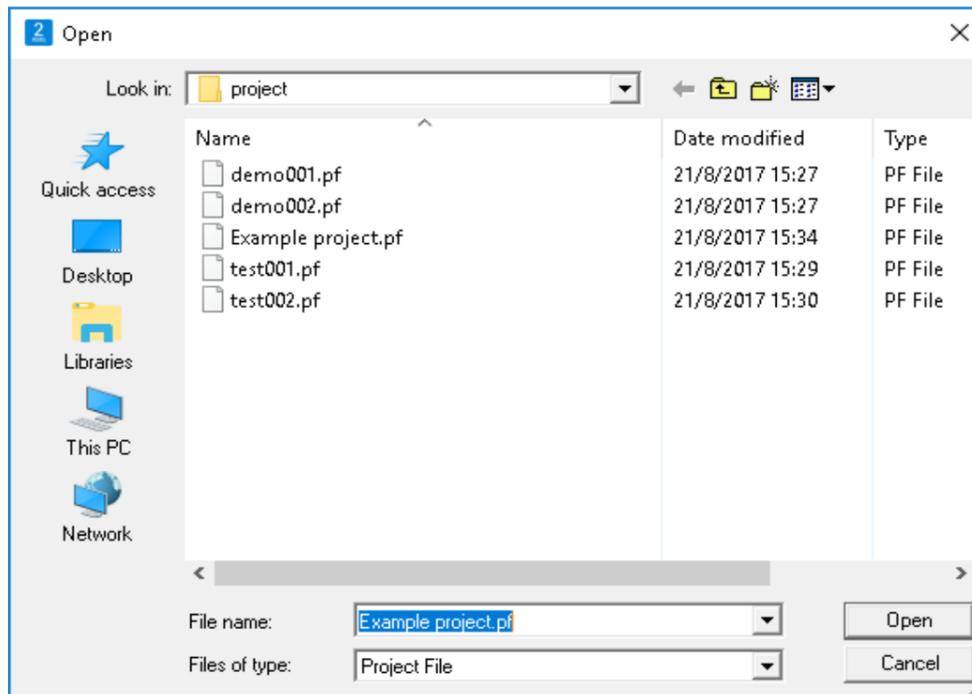
1. There are 2 ways to create a new project:

1). Click "File" on the Menu bar and click on "Open"



2). Click "Open"  icon on the tool bar

2. Select the project file need to open and click on "Open" button to open



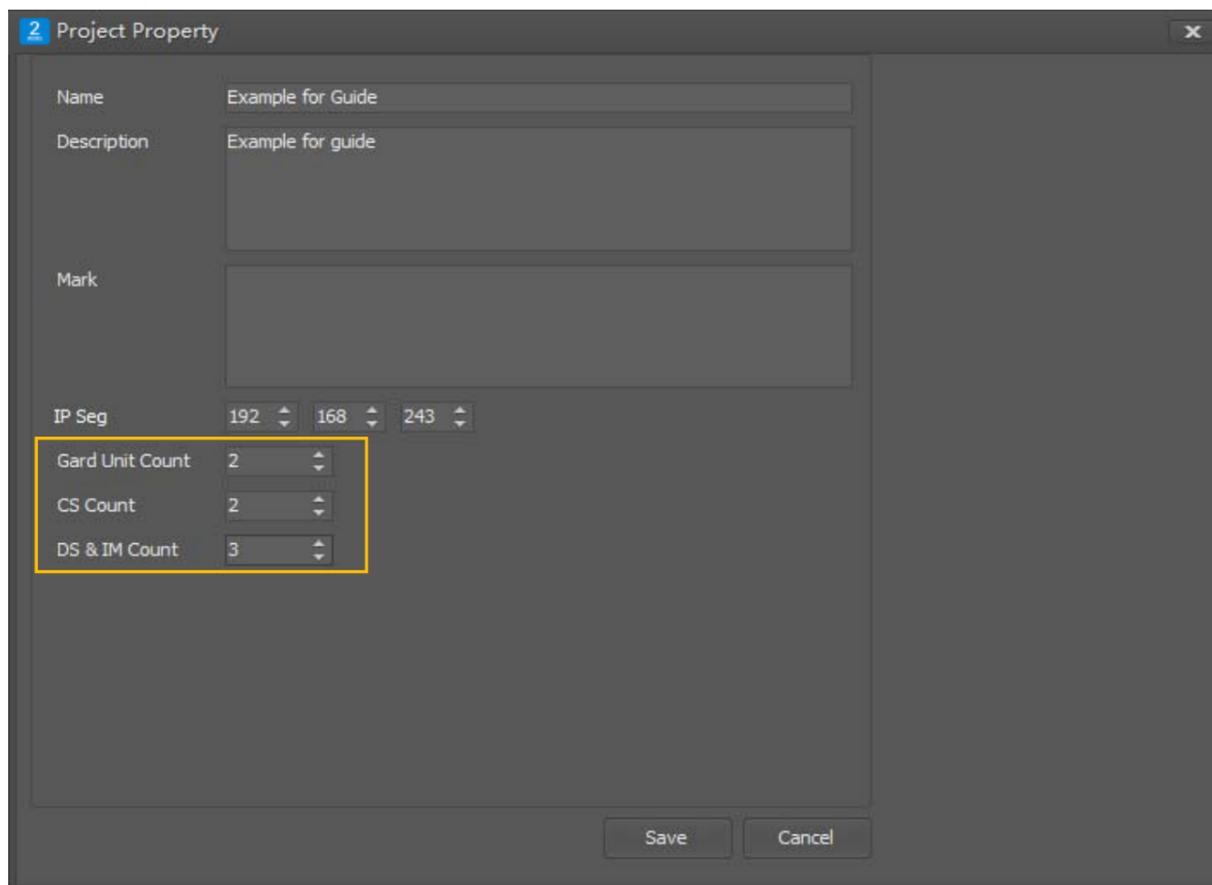
## Adding IP device

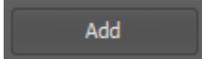
There are two ways adding device, manually and by Discovery

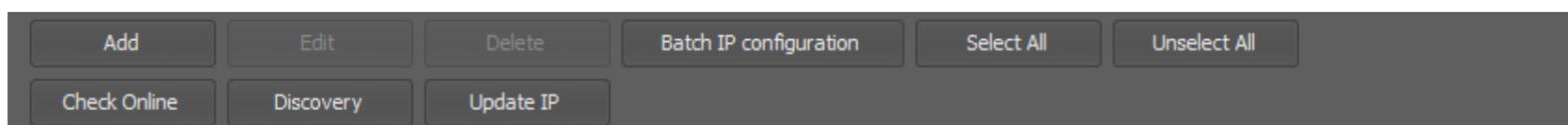
### Manually

Manually adding the IP devices is more suitable for a new project, that all IP devices are configure first then install to the filed according to the configuration

1. In the create a new project process fill in the quantity of 3 basics IP devices (IP\_Node), As for example project that will be as below



2. Click on the  button to create a new device on the settingwindow



3. On the setting window, click on the blank Node item area to input the Node ID, Node ID shall not be duplicate With exist one

Selected	Node ID	IP	Name	Node Type	Device Type
<input type="checkbox"/>	1	192.168.243.1	CS_01	Common Station	
<input type="checkbox"/>	2	192.168.243.2	CS_02	Common Station	
<input type="checkbox"/>	3	192.168.243.3	Unit_003	Door Station & Indo	
<input type="checkbox"/>	4	192.168.243.4	Unit_004	Door Station & Indo	
<input type="checkbox"/>	201	192.168.243.201	GU_201	Gard Unit	
<input type="checkbox"/>	202	192.168.243.202	GU_202	Gard Unit	
<input type="checkbox"/>					

4. On the setting window, click on the blank item area to input the IP address, IP address shall not be duplicate With exist one



5. Enter the subnet and the mask for VSP 806 (scroll the scrollbar to the right), and fill in the item. By default, Mask is 255.255.255.0, and Gateway is 192.168.243.200

Mask	Gateway
255.255.255.0	192.168.243.200

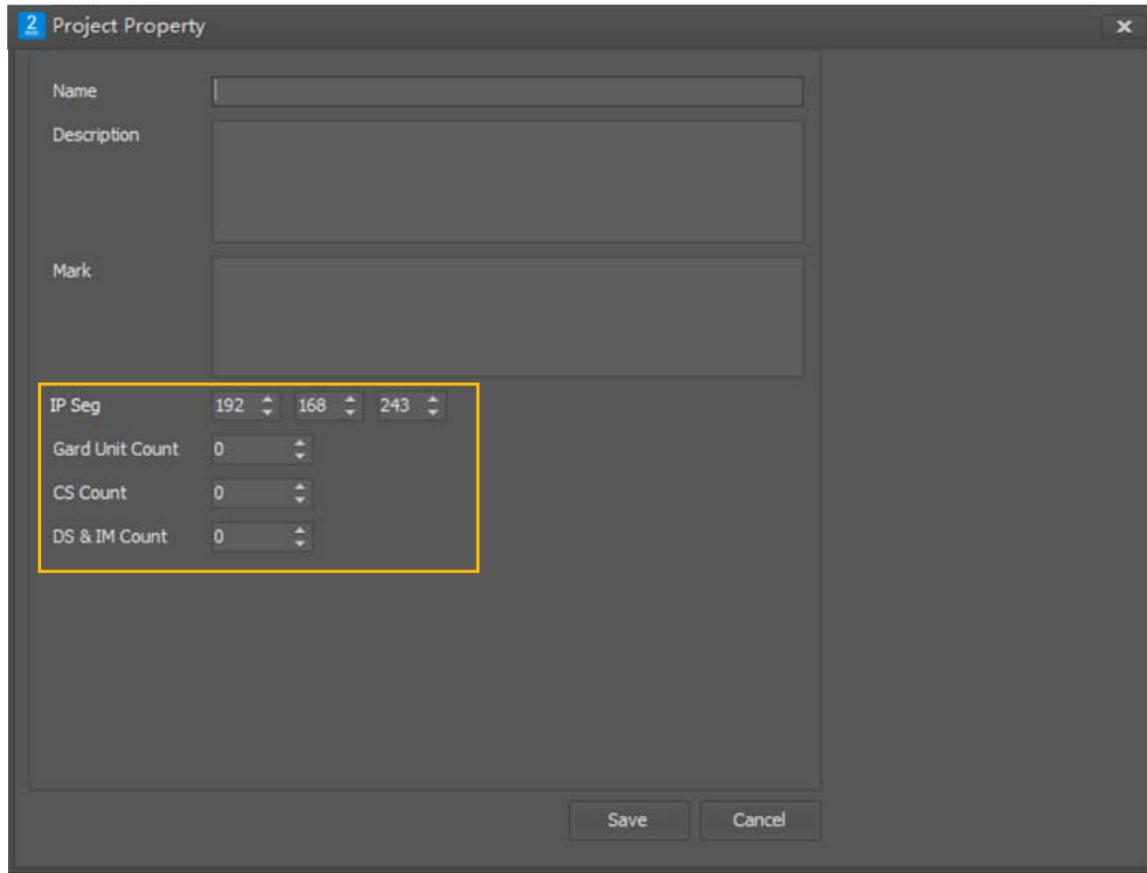
6. Repeat Step5~6 to finish all VSP 806 adding

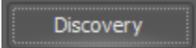
Project Property		IP Node Configuration		Building	Gateway Table	Room Table	Name List	Utility
Selected	Node ID	IP	Name	Node Type	Device Type			
<input type="checkbox"/>	1	192.168.243.1	CS_01	Common Station				
<input type="checkbox"/>	2	192.168.243.2	CS_02	Common Station				
<input type="checkbox"/>	3	192.168.243.3	Unit_003	Door Station & Indoor				
<input type="checkbox"/>	4	192.168.243.4	Unit_004	Door Station & Indoor				
<input type="checkbox"/>	201	192.168.243.201	GU_201	Gard Unit				
<input type="checkbox"/>	202	192.168.243.202	GU_202	Gard Unit				
<input type="checkbox"/>	6	192.168.243.6						
<input type="checkbox"/>	7	192.168.243.7						
<input type="checkbox"/>	8	192.168.243.8						
<input type="checkbox"/>	9	192.168.243.9						

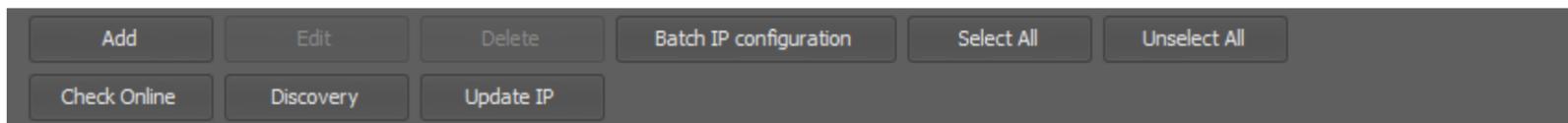
## Discovery

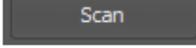
Discovery IP devices is more suitable for a exist project, or VSP 806 is connect to the network, is more effective way to add devices to setting window

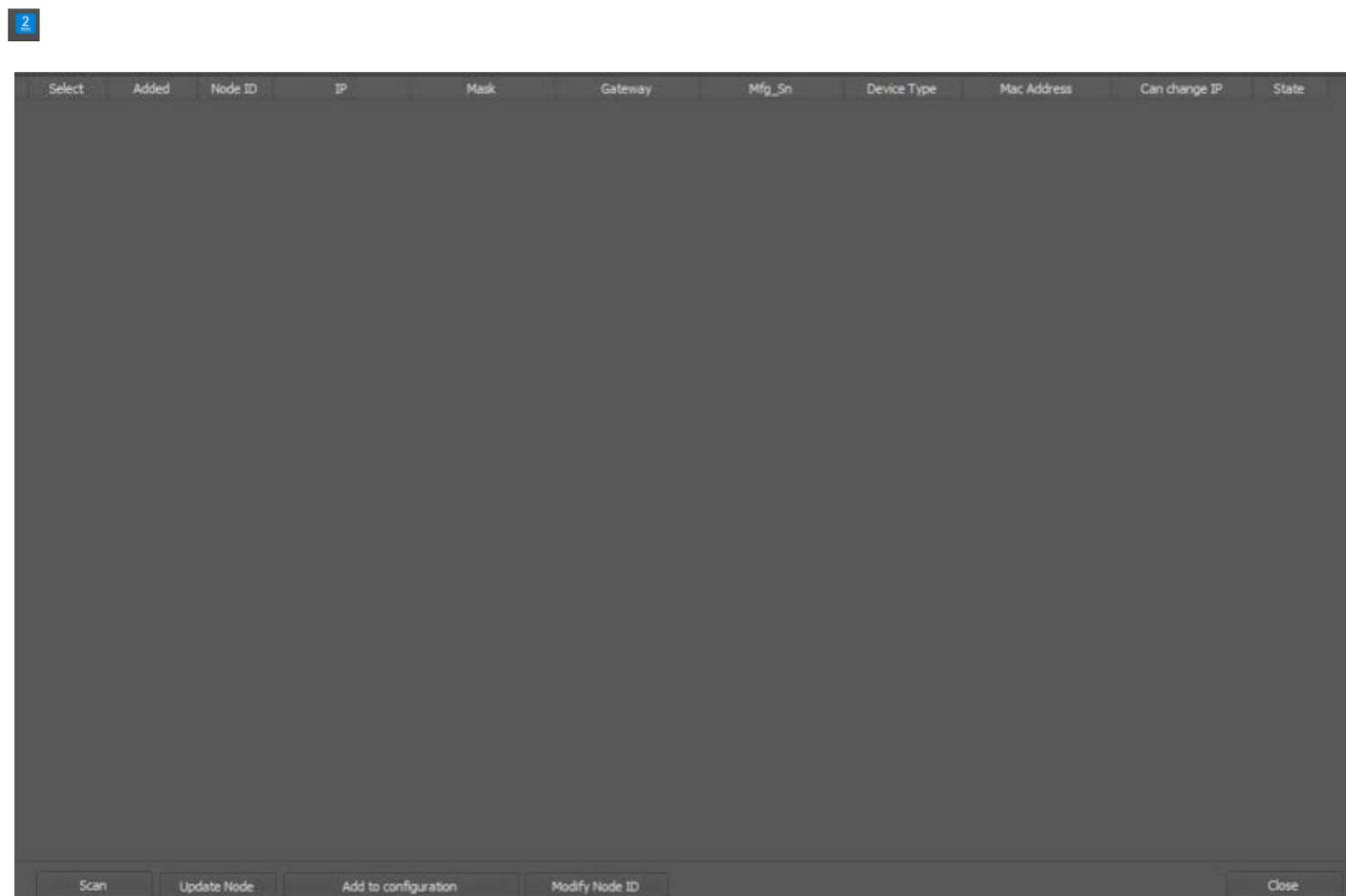
1. In the create a new project process not need to fill in the quantity of any VSP 806, and keep it remain to 0



2. Click on the  button to create a new device on the setting window



3. A new window "IP Node Discovery" window will pop up and Click on the  button on the bottom to search all IP devices connected on the network

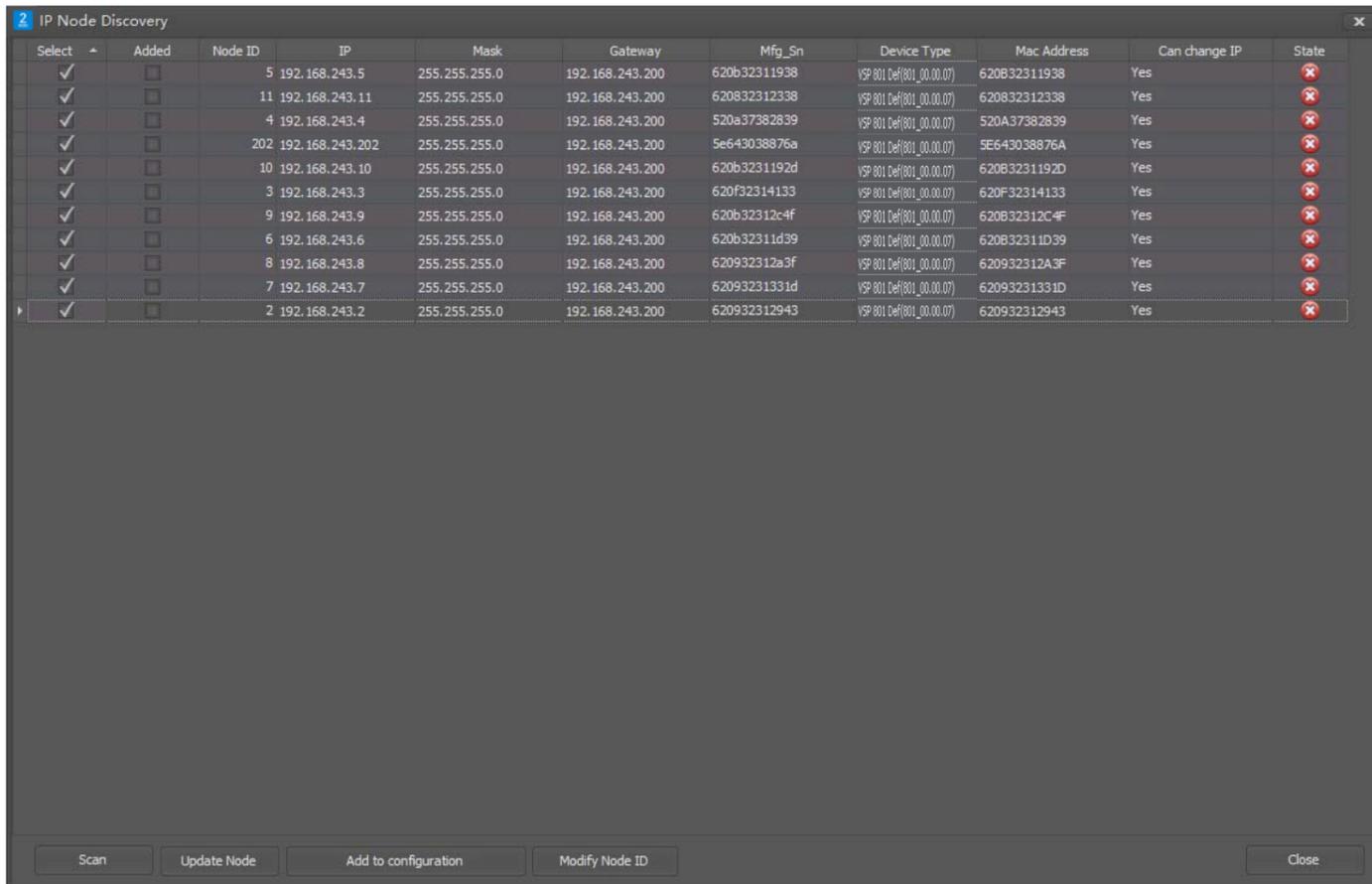


4. A list will be shown on the blank area with all connect IP devices and provide a basic information for devices. Click on the title item of the can change the sort of order

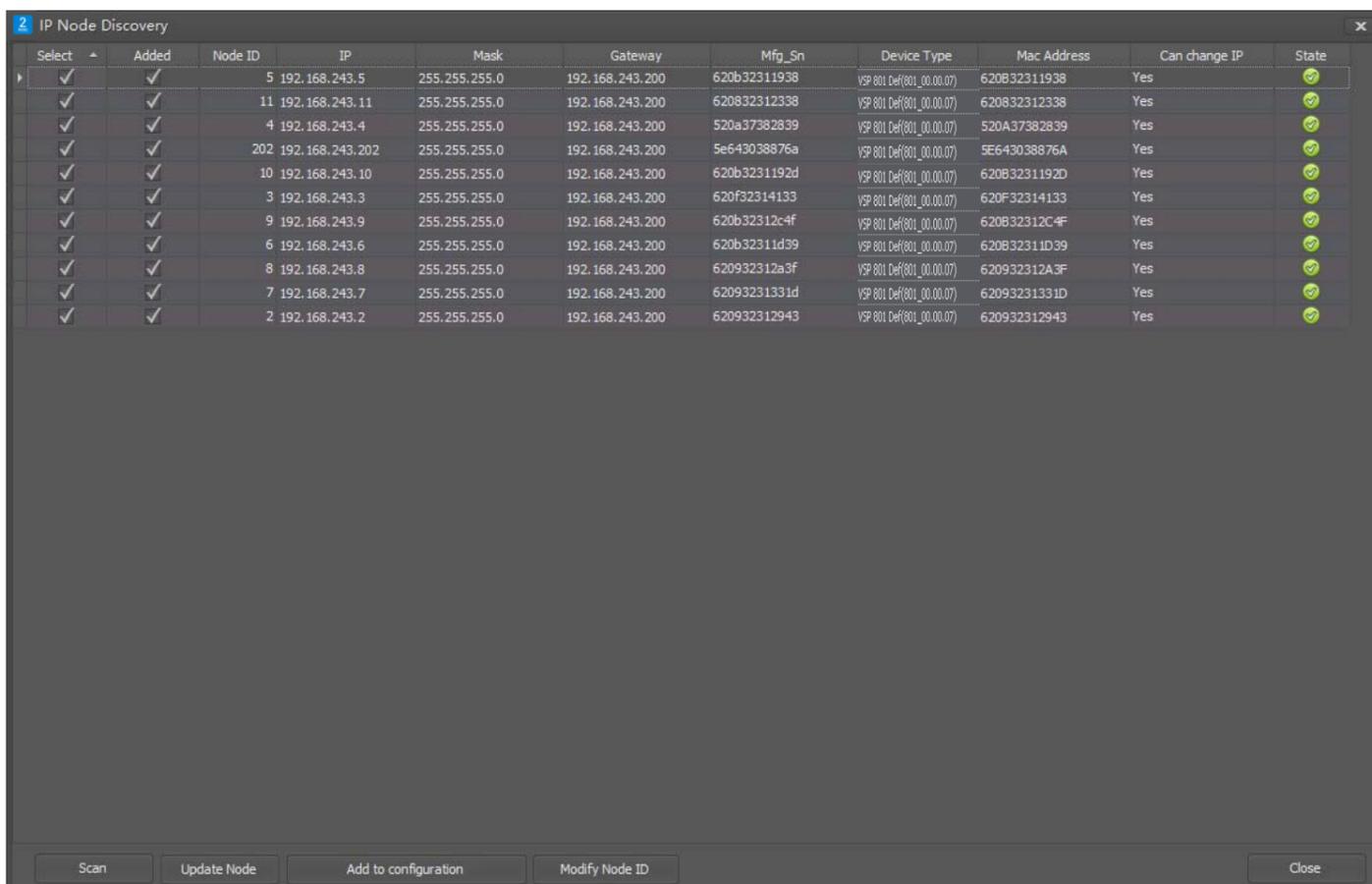
Select	Added	Node ID	IP	Mask	Gateway	Mfg_Sn	Device Type	Mac Address	Can change IP	State
<input type="checkbox"/>	<input type="checkbox"/>	5	192.168.243.5	255.255.255.0	192.168.243.200	620b32311938	VSP 801 Def(801_00.00.07)	620B32311938	Yes	
<input type="checkbox"/>	<input type="checkbox"/>	11	192.168.243.11	255.255.255.0	192.168.243.200	620832312338	VSP 801 Def(801_00.00.07)	620832312338	Yes	
<input type="checkbox"/>	<input type="checkbox"/>	4	192.168.243.4	255.255.255.0	192.168.243.200	520a37382839	VSP 801 Def(801_00.00.07)	520A37382839	Yes	
<input type="checkbox"/>	<input type="checkbox"/>	202	192.168.243.202	255.255.255.0	192.168.243.200	5e643038876a	VSP 801 Def(801_00.00.07)	5E643038876A	Yes	
<input type="checkbox"/>	<input type="checkbox"/>	10	192.168.243.10	255.255.255.0	192.168.243.200	620b3231192d	VSP 801 Def(801_00.00.07)	620B3231192D	Yes	
<input type="checkbox"/>	<input type="checkbox"/>	3	192.168.243.3	255.255.255.0	192.168.243.200	620f32314133	VSP 801 Def(801_00.00.07)	620F32314133	Yes	
<input type="checkbox"/>	<input type="checkbox"/>	9	192.168.243.9	255.255.255.0	192.168.243.200	620b32312c4f	VSP 801 Def(801_00.00.07)	620B32312C4F	Yes	
<input type="checkbox"/>	<input type="checkbox"/>	6	192.168.243.6	255.255.255.0	192.168.243.200	620b32311d39	VSP 801 Def(801_00.00.07)	620B32311D39	Yes	
<input type="checkbox"/>	<input type="checkbox"/>	8	192.168.243.8	255.255.255.0	192.168.243.200	620932312a3f	VSP 801 Def(801_00.00.07)	620932312A3F	Yes	
<input type="checkbox"/>	<input type="checkbox"/>	7	192.168.243.7	255.255.255.0	192.168.243.200	62093231331d	VSP 801 Def(801_00.00.07)	62093231331D	Yes	
<input type="checkbox"/>	<input type="checkbox"/>	2	192.168.243.2	255.255.255.0	192.168.243.200	620932312943	VSP 801 Def(801_00.00.07)	620932312943	Yes	

5. Devices which need to be added on the "Select" item, and click on the devices to the setting window

Add to configuration
 Tick on  the IP button to add selected



6. The adding process will take a while, and the software will check the state of all devices and a window will show, the "Added" be ticked means the device is already exist in the setting window, and with the state will be change to and click on "Close" button or "X" to exit discovery



7. The setting window will show as below, next according to the "Manually" process to add devices are not connected yet,

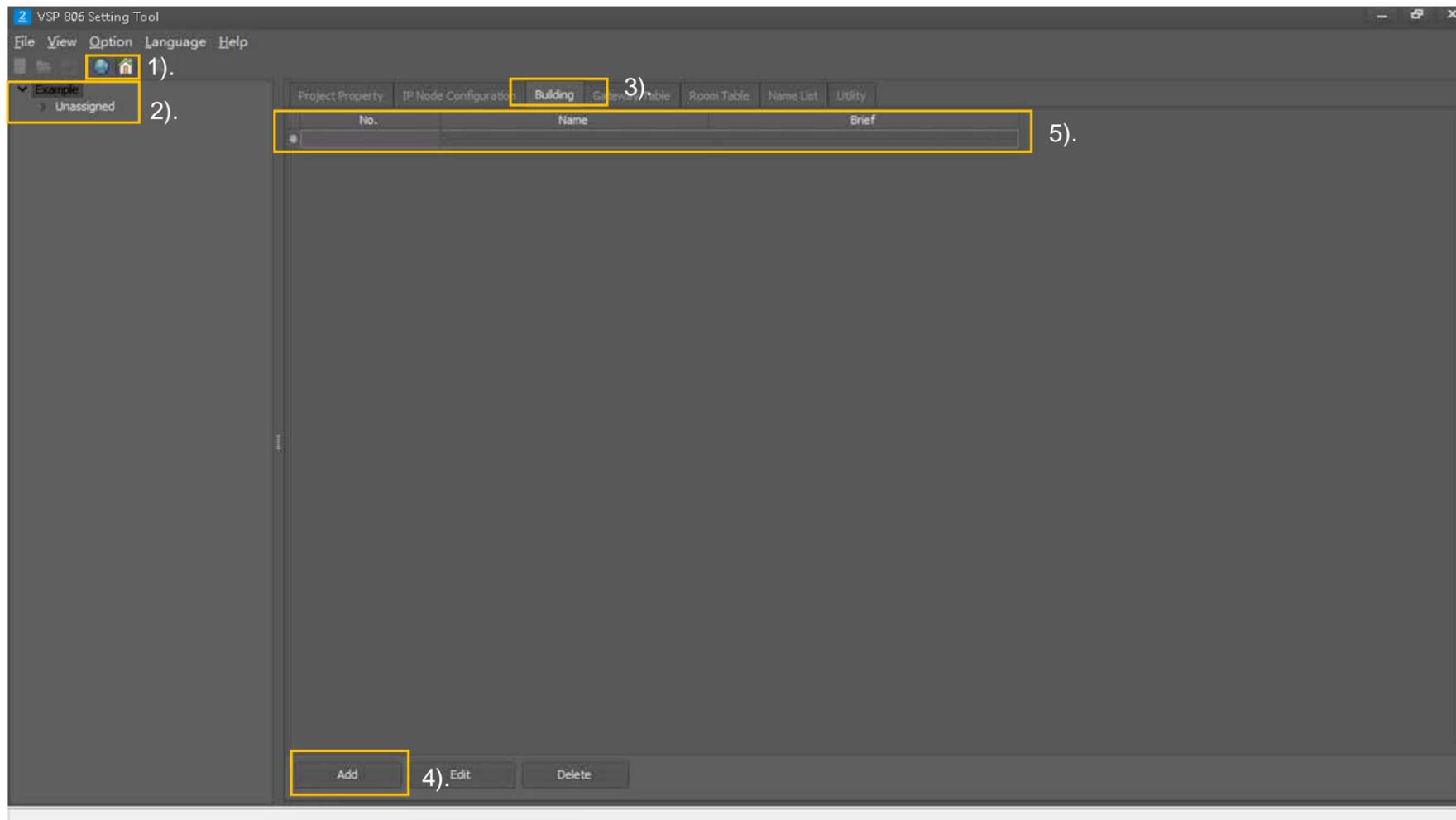
Project Property		IP Node Configuration		Building	Gateway Table	Room Table	Name List	Utility	
Selected	Node ID	IP	Name	Node Type	Device Type	Building	Input	St	
<input type="checkbox"/>	2	192.168.243.2		None			002	?	U
<input type="checkbox"/>	3	192.168.243.3		None			003	?	U
<input type="checkbox"/>	4	192.168.243.4		None			004	?	U
<input type="checkbox"/>	5	192.168.243.5		None			005	?	U
<input type="checkbox"/>	6	192.168.243.6		None			006	?	U
<input type="checkbox"/>	7	192.168.243.7		None			007	?	U
<input type="checkbox"/>	8	192.168.243.8		None			008	?	U
<input type="checkbox"/>	9	192.168.243.9		None			009	?	U
<input type="checkbox"/>	10	192.168.243.10		None			010	?	U
<input type="checkbox"/>	11	192.168.243.11		None			011	?	U
<input type="checkbox"/>	202	192.168.243.202		None			202	?	U

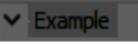
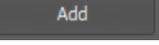
## Building

Building is an important property when the system is with high-rise building, by sign with a group of VSP 806 into same building means that that VSP 806 only works for that building. Also "Building" property provides "Building" view to check IP-Devices

### Add a Building

To add a building in the Global Settings for the project



- 1). Click on the  icon to change to device view into "Building View"
- 2). Click on the  main title of this project, ensure the setting window is for globalsettings
- 3). Click on the  tab to go into Building tab
- 4). Click on the  button to create a new item for building

5). Fill in the Building information.

No.: Number for the Building

Name: Name for the Building, will show on VSP 801 units' list Brief:

Annotation for the building, not a must

6). Repeat step.3~4 to finish all edit

On the device view the new added building will show on the list, but it doesn't been sign to any VSP 806 yet so is empty

The screenshot shows the 'VSP 806 Setting Tool' window with the 'Building' tab selected. The left sidebar shows a tree view with 'Example' expanded, listing '1-Building1-Auido', '3-Building3-Villa', '2-Building2-Video', '3-Building3-Villa', and 'Unassigned'. The main area shows a table with columns 'No.', 'Name', and 'Brief'.

No.	Name	Brief
1	Building1-Auido	128IM 1DS
2	Building2-Video	32IM 1DS
3	Building3-Villa	1IM 1DS
4	Building4-High-Rise Building	96IM 2DS

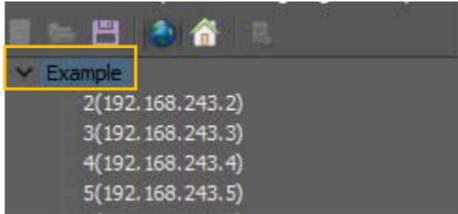
### Global settings-IP Node configuration

Global settings is use to configure the basic and important property for each IP devices in the setting window, 6 properties are required to configure manually.

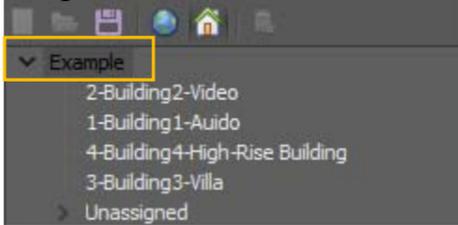
- Name: Mark name for the VSP 806 Node
- Type: different function for VSP806
- Device type: whether this unit is VSP 806 or VSP 801
- Building: Identity which building VSP 806 are working for
- Input: Calling codes setting, provides a friendly input call codes to end-user
- Extent Mode: whether the VSP 806 is in extent mode

### How to configure

1. Click on the main title on the device view. IP Node view:



Building view:



2. Click on the "IP Node Configuration" tab, and configure will be show on the setting window.

Selected	Node ID	IP	Name	Node Type	Device Type	Building	Input	State	Mac Address	Extend Mode
<input type="checkbox"/>	2	192.168.243.2		None			002	? Unchecked		NOEXTEND
<input type="checkbox"/>	3	192.168.243.3		None			003	? Unchecked		NOEXTEND
<input type="checkbox"/>	4	192.168.243.4		None			004	? Unchecked		NOEXTEND
<input type="checkbox"/>	5	192.168.243.5		None			005	? Unchecked		NOEXTEND
<input type="checkbox"/>	6	192.168.243.6		None			006	? Unchecked		NOEXTEND
<input type="checkbox"/>	7	192.168.243.7		None			007	? Unchecked		NOEXTEND
<input type="checkbox"/>	8	192.168.243.8		None			008	? Unchecked		NOEXTEND
<input type="checkbox"/>	9	192.168.243.9		None			009	? Unchecked		NOEXTEND
<input type="checkbox"/>	10	192.168.243.10		None			010	? Unchecked		NOEXTEND
<input type="checkbox"/>	11	192.168.243.11		None			011	? Unchecked		NOEXTEND
<input type="checkbox"/>	202	192.168.243.202		None			202	? Unchecked		NOEXTEND

Add Edit Delete Batch IP configuration Select All Unselect All  
Check Online Discovery Update IP

## How to configure

The settings as below, if parts of not show on the list, scroll the scrollbar to right on the bottom can check more setting items

Select: click on the frame or click "Select All" / "Unselect All" to change state of been selected.

Node ID: ID number that is unique for each VSP 806, editable

IP: IP address for VSP 806.

Name: Enter name VSP 806.

Node type: Click to select different duty for VSP 806, total 5 types.

Device type: Click to select identity the device VSP 806 or VSP 801.

Building: Click to select VSP 806 sever for which building, building is add and edit on Tab Building

Input: Calling codes to reach this VSP 806 or VSP 801, as the Building No. on VSP 898 settings

State: Showing the state of VSP 806, "Unchecked"- haven't been check yet, "Online"- device connected "Offline"- device unconnected

Mac Address: Each VSP 806 Mac address is unique and is not editable

Extent Mode: for video monitor select "DT\_32", for audio handset select "DT\_128", not connect with indoor units select "NOEXTEND "

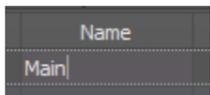
Gateway: VSP 806 Network's gateway, by default is 192.168.243.200

Msg\_Sn: Serial Number VSP 806

Brief: Enter information for mark

## Name

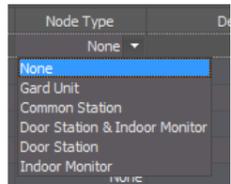
Click on the blank area of the "Name" item to enter the name for the IP device, this property is only a mark for the device



## Node type

Click on the blank area of the "Node Type" item, and click on the  icon select an item in the dropdown list.

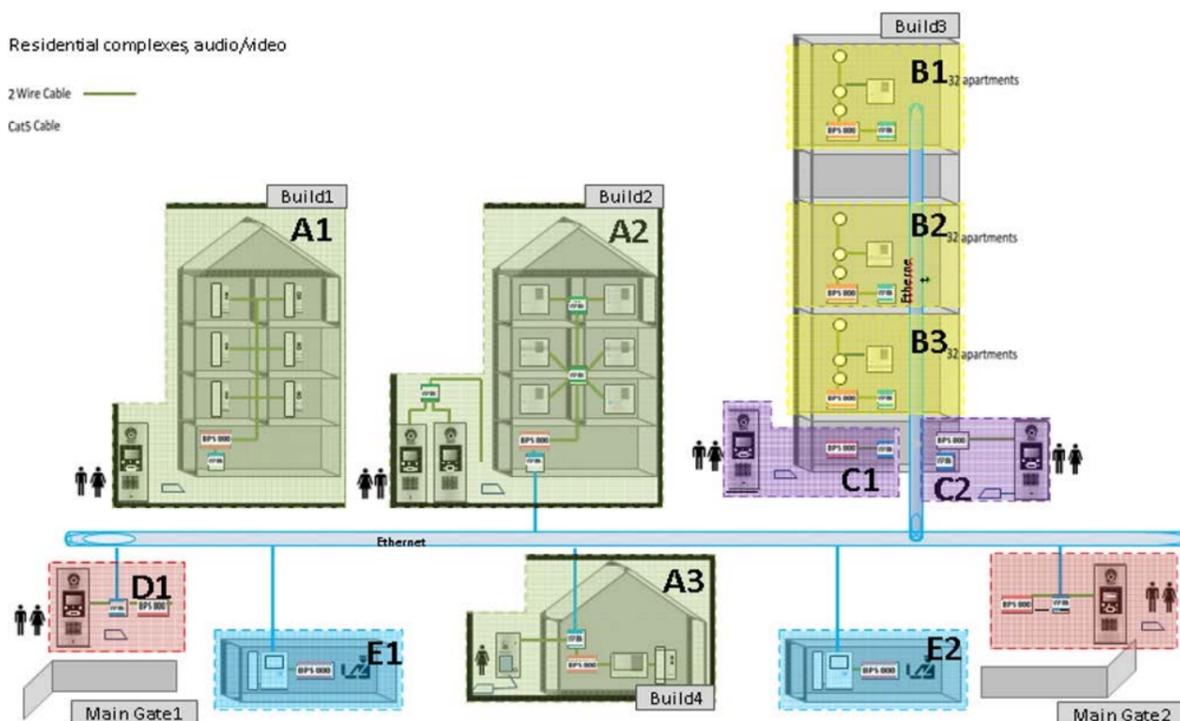
Select the Node type as below example. Total 5 types of them



## Node type

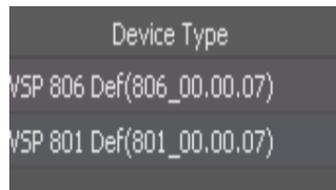
To identify each VSP 806 duty is important, Node Type is to make each VSP 806 knows what responds for; there are 5 kind of different type:

-  **1. Common Door station**, this Node Type connect with one VSP 898, and it can call to all the indoor units in the whole system, such as D1 and D2 in the example
-  **2. Door station and Indoor Monitor**, this Node Type connect with m  
Multi door station (less than 4) and multi indoor units (less than 32 video or 128 audio), door station is private and can only reach to this building. such as A1, A2 and A3 in the example
-  **3. Door station**, this Node Type connect with one VSP 898, but it limits to call to only the indoor units inside the building, it works for the building as normally door station, such as C1 and C2 in the example
-  **4. Indoor Monitor**, this Node Type connect with only multi monitors(no more 32), it is an extent for the High-Rise building for each more 32 monitors, such as B1, B2 and B3 in the example
-  **5. Guard Unit**, this Node Type is not VSP 806 but VSP 801, it can call all the units and been call by any door station, such



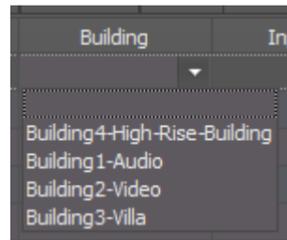
## Device type

Only 2 types IP devices in 800 System, one is VSP 806 and other is VSP 801 guard unit, click on the blank area of the "Device type" and click on the icon and select one form the dropdown list



### Building

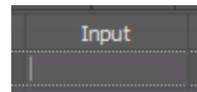
Click on the blank area of the "Building" item, and click on the icon select an item in the dropdown list. If the dropdown list is empty please add



building on the building tab, for Common Door Station leaves blank on this property

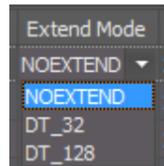
### Input

Click on the blank area of the "Input" item to enter the name for the Input call codes, here is the input to reach this VSP 806.



### Extend Mode

Click on the blank area of the "Extent" item, and click on the icon select an item in the dropdownlist.



NOEXTEND: No indoor unit connect with VSP 806 DT\_32: VSP 806 is connect with video monitors

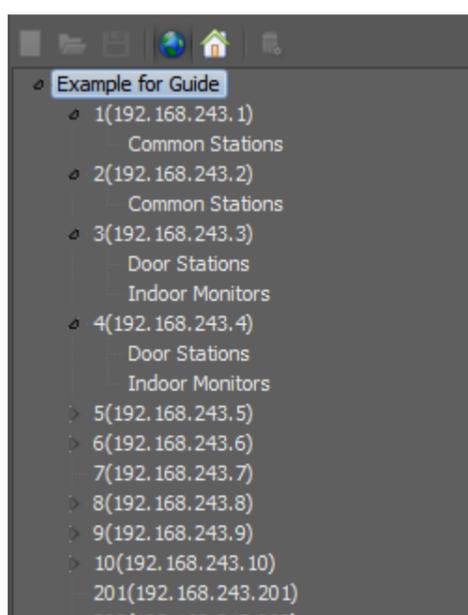
DT\_128: VSP 806 is connect with only audio handsets

After configuring all above property the list will as follow

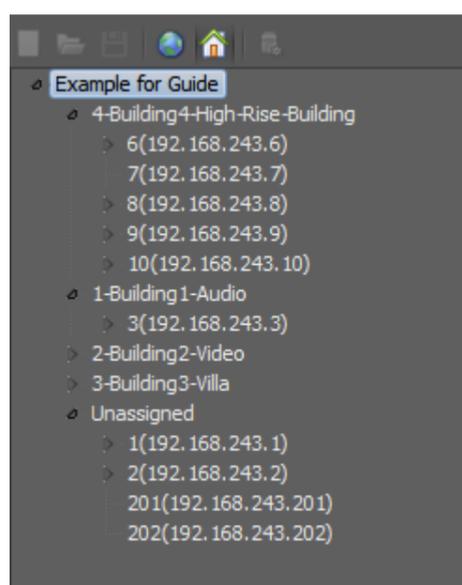
Project Property	IP Node Configuration	Building	Gateway Table	Room Table	Name List	Utility	
Selected	Node ID	IP	Name	Node Type	Device Type	Building	Input
<input type="checkbox"/>	1	192.168.243.1	Main Gate 1	Common Station	VSP 806 Def(806_00.00.07)		81
<input type="checkbox"/>	2	192.168.243.2	Main Gate 2	Common Station	VSP 806 Def(806_00.00.07)		82
<input type="checkbox"/>	3	192.168.243.3	Audio Building-1	Door Station & Indo	VSP 806 Def(806_00.00.07)	Building1-Audio	01
<input type="checkbox"/>	4	192.168.243.4	Video Building-2	Door Station & Indo	VSP 806 Def(806_00.00.07)	Building2-Video	02
<input type="checkbox"/>	5	192.168.243.5	Villa-3	Door Station & Indo	VSP 806 Def(806_00.00.07)	Building3-Villa	03
<input type="checkbox"/>	6	192.168.243.6	Door 1 for Hi-rise	Door Station	VSP 806 Def(806_00.00.07)	Building4-High-Rise-B	04
<input type="checkbox"/>	7	192.168.243.7	Door 1 for Hi-rise	None	VSP 806 Def(806_00.00.07)	Building4-High-Rise-B	04
<input type="checkbox"/>	201	192.168.243.201	GU	Gard Unit	VSP 801 Def(801_00.00.07)		
<input type="checkbox"/>	202	192.168.243.202	GU	Gard Unit	VSP 801 Def(801_00.00.07)		
<input type="checkbox"/>	9	192.168.243.9	Extent2for hi-rise	Indoor Monitor	VSP 806 Def(806_00.00.07)	Building4-High-Rise-B	04
<input type="checkbox"/>	8	192.168.243.8	Extent1for hi-rise	Indoor Monitor	VSP 806 Def(806_00.00.07)	Building4-High-Rise-B	04
<input type="checkbox"/>	10	192.168.243.10	Extent3for hi-rise	Indoor Monitor	VSP 806 Def(806_00.00.07)	Building4-High-Rise-B	04

And check on the device view, the device are automatically out the configure.

### IP Node View



### Building View



### Separate settings

Before this step you need to configure the Global settings on the setting window before, otherwise the setting there won't be any setting items

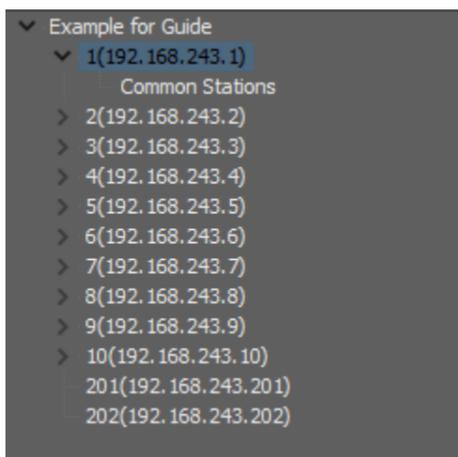
Separate settings for the VSP 806 is mainly to set the quantity, input and name for the 800 System devices that are connected on the this VSP 806, you can set those settings on different view of the device view

### Select VSP 806 - IP Node View

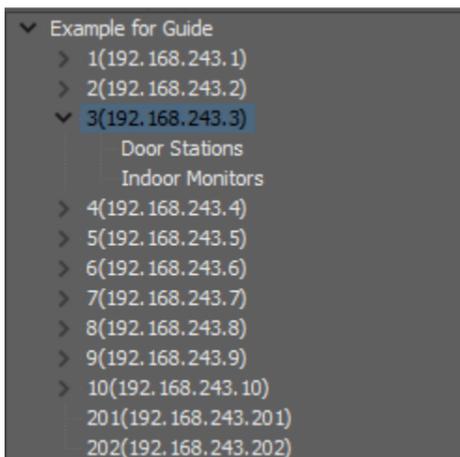
Separate settings for the VSP 806 is mainly to set the quantity, input and name for the 800 System devices that are connected on the this VSP 806, you can set those settings on different view of the device view

Click on the VSP 806 on the device view need to be configured, and click on the  icon to show all kind of device of need to configure, according to the Node type there will be:

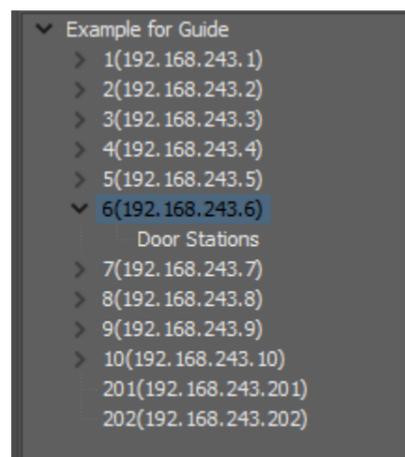
#### Common Station



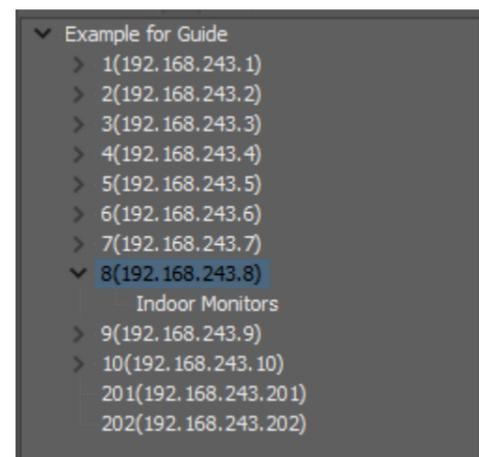
#### Door Station & Indoor monitor



#### Door Station

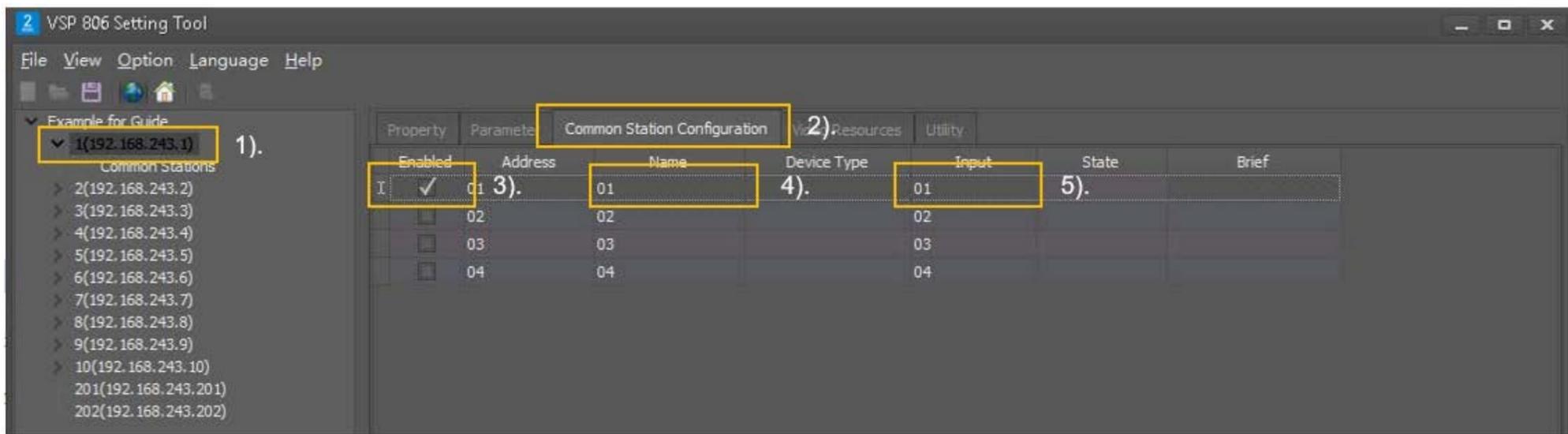


#### Indoor monitors



#### Common Station

For Common Station, video resource and door station setting is a must.



1). Click on the **1(192.168.243.1)** VSP 806 to configure and make the background be selected.

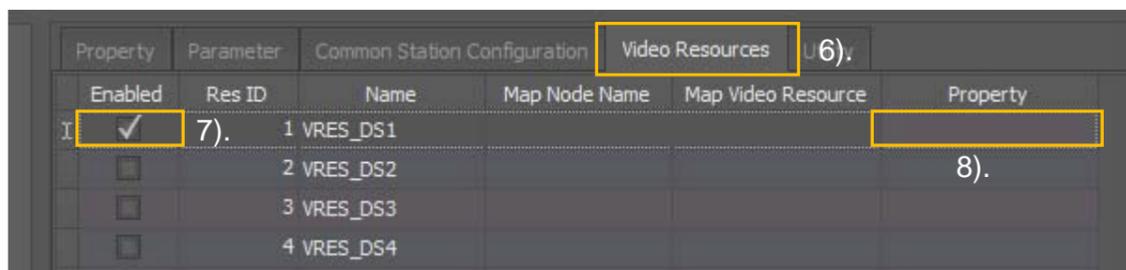
2). Click on the **Common Station Configuration** tab on the "Setting Window"

3). Tick on  the door station with address 1 4).

Enter the name of the Door Station

5). Enter the Input call codes, with the VSP 806 call codes setting on the Global Settings and this input combine with a complete call Input call code for VSP 801

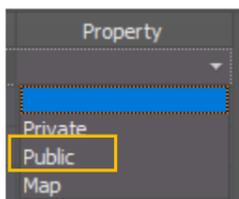
Note: Click on the dropdown list also call out the setting page **Common Stations** rest of the item not need fill in



6). Click on the **Video Resources** tab on the "Setting Window"

7). Tick on  the on the first one, this VSP 806 will provide a video/camera (a door station's)

8). Click on the blank item on the "Property", and after that click on the  to call out a dropdown list

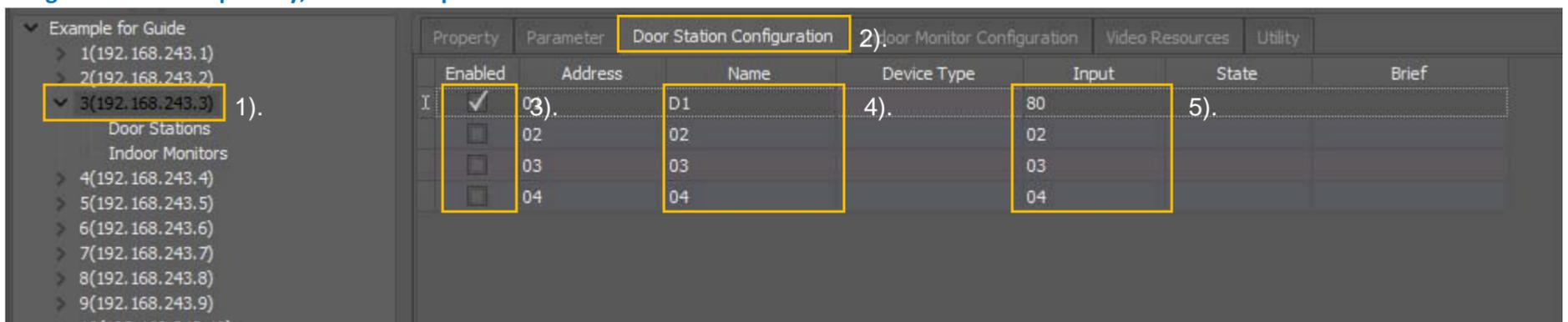


9). Click on the "Public", means this camera is open video for the system, the configuration is finish.

### Door Station & Indoor monitor

For common Station, video resource, door station and setting is a must. For this kind of VSP 806 will connect with maximum 3 door station and maximum 32 monitors

### Building's door station quantity, name and input.



1). Click the **3(192.168.243.3)** VSP 806 need to configure and make the background be selected. 2). Click on

the **Door Station Configuration** tab on the "Setting Window"

3). Tick on  the door stations are connect on VSP 806 maximum 3pcs 4). Enter the

name for those Door Station

5). Enter the Input call codes, the call codes input must be **Unduplicated**, call codes for door station is for guard unit to call. Note: Click on

the dropdown list also call out the setting page **Door Stations** rest of the item not need fillin

**Building's Video resource**

3). Tick on  the door stations are connect on VSP 806, maximum 3pcs 4). Enter the



name for those Door Station

Click on the  VSP 806 to configure and make the background be selected.

2). Click on **Video Resources** tab on the "Setting Window"

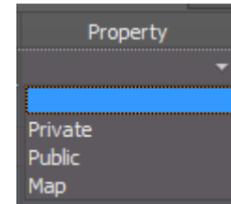
Following list is to configure for the monitoring list, there are total 24 video resources in the list.

In general 800 System if you are not connect with those DS or CAM, when try to monitoring to those DS or CAM, units will deny monitoring. In here although those video device is not connected, but allowed to mapping one or more video resources to other DS or CAM on the network. Each VSP 806 have 24 video resources allowed the monitor connect it with to surveillance, or provide the video resources to the network.

Enabled	Res ID	Name	Map Node Name	Map Video Resource	Property
<input type="checkbox"/>	1	VRES_DS1			
<input type="checkbox"/>	2	VRES_DS2			
<input type="checkbox"/>	3	VRES_DS3			
<input type="checkbox"/>	4	VRES_DS4			
<input type="checkbox"/>	5	VRES_CAM1			
<input type="checkbox"/>	6	VRES_CAM2			
<input type="checkbox"/>	7	VRES_CAM3			
<input type="checkbox"/>	8	VRES_CAM4			
<input type="checkbox"/>	9	VRES_CAM5			
<input type="checkbox"/>	10	VRES_CAM6			
<input type="checkbox"/>	11	VRES_CAM7			
<input type="checkbox"/>	12	VRES_CAM8			
<input type="checkbox"/>	13	VRES_CAM9			
<input type="checkbox"/>	14	VRES_CAM10			
<input type="checkbox"/>	15	VRES_CAM11			
<input type="checkbox"/>	16	VRES_CAM12			
<input type="checkbox"/>	17	VRES_CAM13			
<input type="checkbox"/>	18	VRES_CAM14			
<input type="checkbox"/>	19	VRES_CAM15			
<input type="checkbox"/>	20	VRES_CAM16			
<input type="checkbox"/>	21	VRES_QSW1			
<input type="checkbox"/>	22	VRES_QSW2			
<input type="checkbox"/>	23	VRES_QSW3			
<input type="checkbox"/>	24	VRES_QSW4			

1). Tick on the resource want to surveillance or want to provide to the network

2). Double click on the blank area on the property item  a dropdown list will show:



Private: means one video device (Door station/VSP 805) is actually connect and this video only service to this building, it is private.

Public: means one video device (Door station/VSP 805) is actually connect and this video is service to this building and network, it is Public

Map: means there isn't an actual video device connected, but use a network's video (as Public video resource from other VSP 806) to replace this video resource, it is Map.

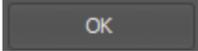
If mapping to a video resource, than another step need to configure so that identity which network public video resource need to replaced

1.) Tick on the resource need to add and set the property to "Map", then click on the blank area of "Map Node Name"

Enabled	Res ID	Name	Map Node Name	Map Video Resource	Property
<input type="checkbox"/>	1	VRES_DS1			Map
<input type="checkbox"/>	2	VRES_DS2			

2.) Two icons will show on the box, click on the  icon



3.) A window will pop up with all the available public video resource on the network, select the one need to mapping to and click on  to save

Node ID	IP	Name	Res ID	Res Name	Res Type
1	192.168.243.1	Main Gate1	1	VRES_DS1	2
2	192.168.243.2	Main Gate2	1	VRES_DS1	2

4.) If a wrong public resource be selected, click on the item and click on the  icon to remove the resource



An example about the video resource setting:

A building is actually connected with two Door Stations and a VSP 805 with 2 cameras, one of the Door Stations is public and monitor allowed to use DS3 and DS4 to surveillance Common Door Station the connect on other VSP 806 in the network. The configuration asbelow:

Enabled	Res ID	Name	Map Node Name	Map Video Resource	Property
<input checked="" type="checkbox"/>	1	VRES_DS1			Private
<input checked="" type="checkbox"/>	2	VRES_DS2			Public
<input checked="" type="checkbox"/>	3	VRES_DS3	Main Gate1	VRES_DS1	Map
<input checked="" type="checkbox"/>	4	VRES_DS4	Main Gate2	VRES_DS1	Map
<input checked="" type="checkbox"/>	5	VRES_CAM1			Private
<input checked="" type="checkbox"/>	6	VRES_CAM2			Private
<input checked="" type="checkbox"/>	7	VRES_CAM3	Main Gate1	VRES_DS1	Map
<input checked="" type="checkbox"/>	8	VRES_CAM4	Main Gate2	VRES_DS1	Map

For monitors:

If surveillance DS1 and DS2 on the monitor, it will directly connect to the local door station 1 and 2.

If surveillance DS3, it will connect to the VSP 806 which Node name is Main Gate1, and get the video from the first door station connect on that VSP 806

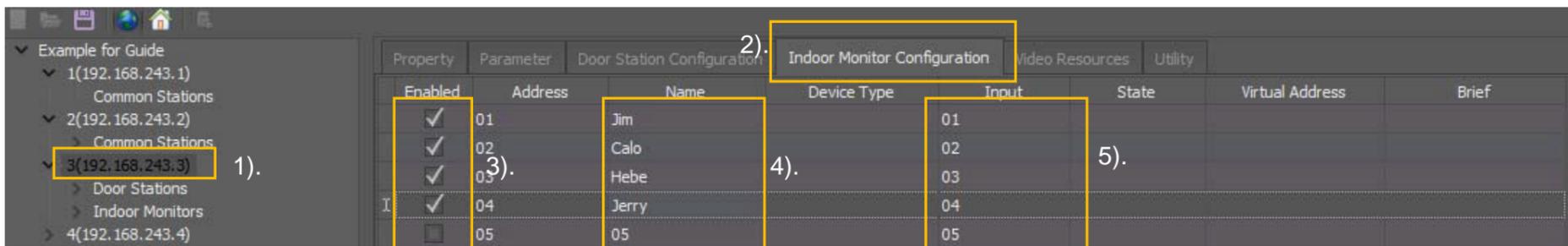
If surveillance DS4, same as DS3

If surveillance CAM1 and CAM2 on the monitor, it will directly connect to the local VSP 805 CAM1 or CAM2 If Surveillance

CAM3 and CAM4. same as DS3

**Note: if actual video device is existing, please do not mapping it to other network public video resource**

**Building's Indoor Monitor quantity, name and input.**



- 1). Click on **3(192.168.243.3)** VSP 806 need to configure and make the background beselected.
- 2). Click on the **Indoor Monitor Configuration** tab on the "Setting Window"
- 3). Tick on  the indoor monitor that are connect on this VSP 806, maximum 32pcs if extent mode is DT\_32, max 128pcs if is DT\_128
- 4). Enter the name for that Door Station
- 5). Enter the Input call codes, the call codes input must be **Unduplicated**, call codes for Door Stations and other monitors' input connect on this VSP 806

Note: Click on the dropdown list also call out the setting page **3(192.168.243.3)** rest of the item not need fill in

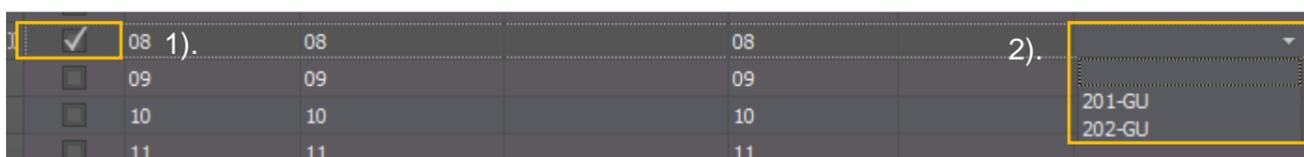


**Advance setting-Virtual address**

Virtual address provides 2 functions:

1. For multi guard unit, provides an option to call multi guard unitSeparately
2. For other 800 System, multi-button door station to call guard unit.

Virtual address will occupy the monitor's address, once the address is setting to virtual address that is not allowed to connect a monitor which address is same with the virtual one. It is mapping to the virtual address

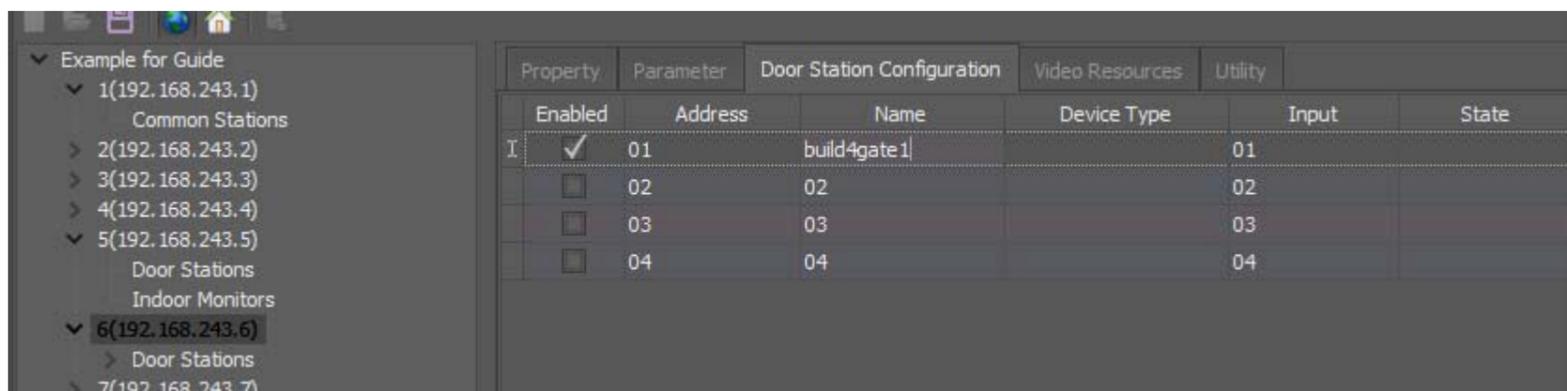


- 1) Tick on  the address need to set to virtual
- 2) Double click on the blank area of "Virtual address", a dropdown list will show all Guard Unit in the configuration, select one of them This means if use the intercom function on the monitor to call address 8, it will transfer to the guard unit configure before, calling from the door station to the address 8 will also transfer to the Guard Unit, that is how to configure a multi-button door station to call Guard Unit.

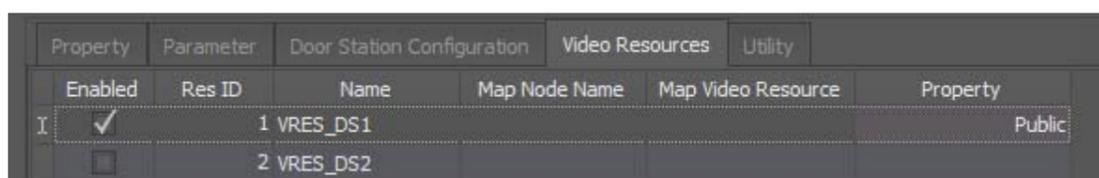
**Door Station**

Door Station settings is for high rise building, general only one VSP 898 allowed to connect on this type of VSP 806, the settings is the same with Common Door Station.

1. Tick on DS address 1 in the Door Station configuration, and enter then name and Input for the DoorStation



2. Tick on the first one on the Video Resources and as public



**Indoor monitor**

Indoor Monitor is to set the quantity Name and Input on monitors that are connected on this VSP 806, especially; this applies in high-rise building, so the Input will be different.

As the example project.

IP NODE 8~10 work as extent monitors for this building. On VSP 806 IP

NODE8's "Indoor Monitor Configuration"

Property	Parameter	Indoor Monitor Configuration	Video Resources	Utility	
	Enabled	Address	Name	Device Type	Input
	<input checked="" type="checkbox"/>	01	Name1		01
	<input checked="" type="checkbox"/>	02	Name2		02
I	<input checked="" type="checkbox"/>	03	Name3		03

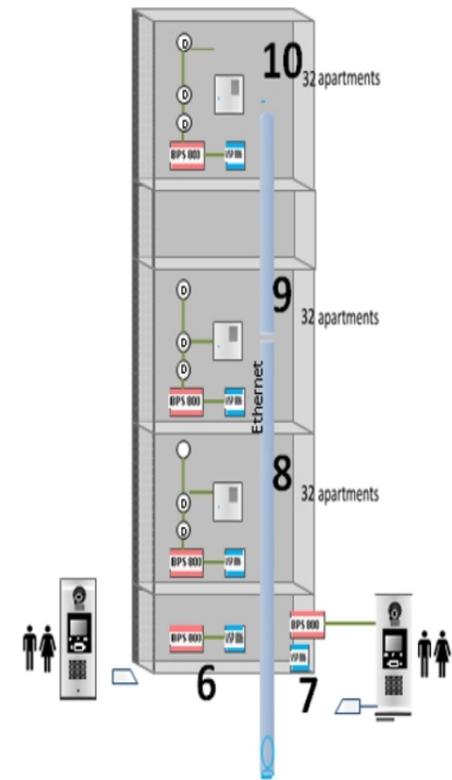
While on the VSP 806 IP NODE9's "Indoor Monitor Configuration"

Property	Parameter	Indoor Monitor Configuration	Video Resources	Utility	
	Enabled	Address	Name	Device Type	Input
	<input checked="" type="checkbox"/>	01	Name33		33
	<input checked="" type="checkbox"/>	02	Name34		34
I	<input checked="" type="checkbox"/>	03	Name35		35

The input of those monitors shall be follow by the IP NODE8's last monitor's input.

So here the first address on the NODE9 set to 33, means dial 33 will call to NODE9's first one

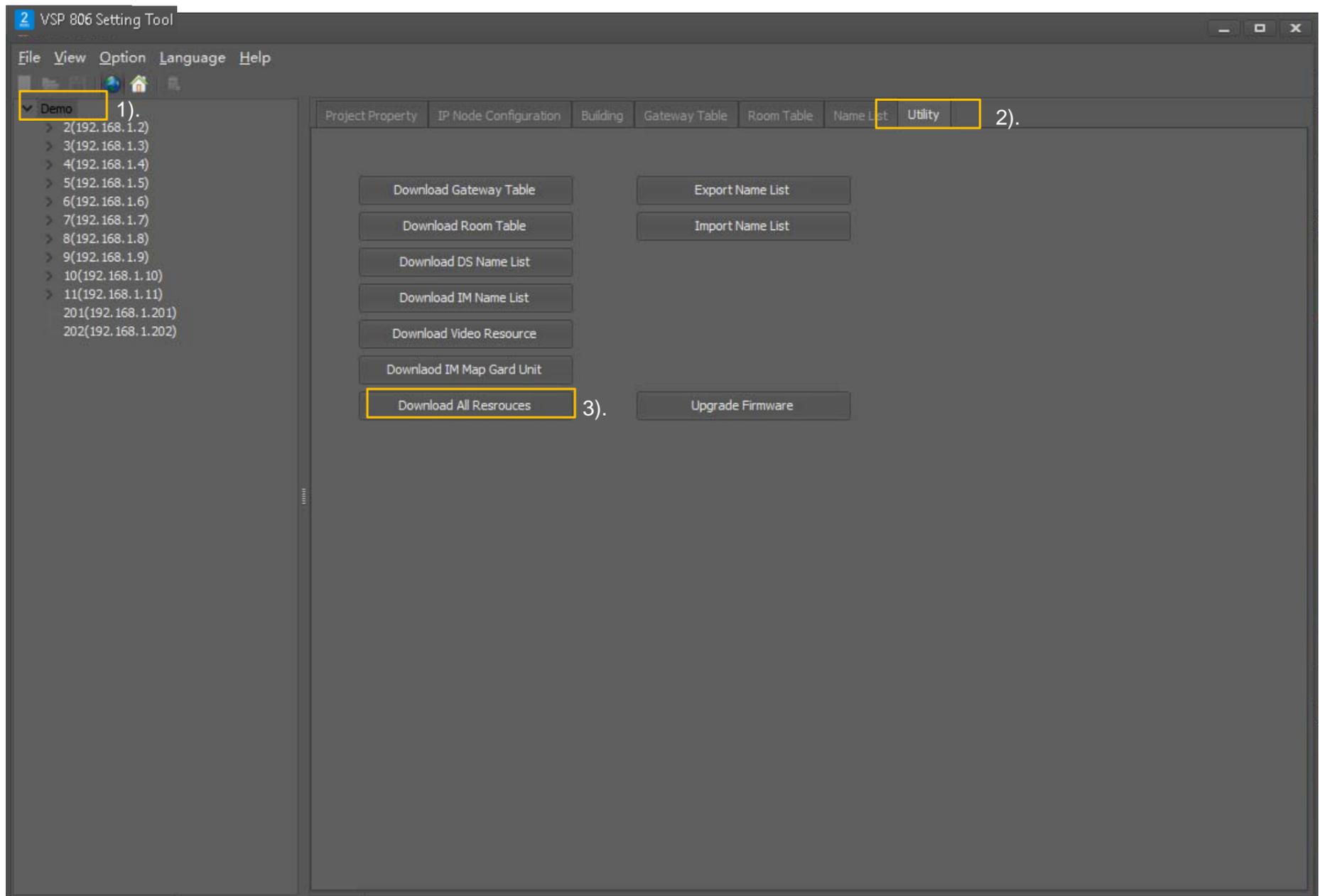
Also for the video resource, because there aren't any actual door station connection this type of VSP 806, so if monitors need to surveillance this building's door station required to mapping to that door, and before configure, need to set that building's video resource as public, so that the VSP 806 can mapping to that public door station



Property	Parameter	Indoor Monitor Configuration	Video Resources	Utility		
	Enabled	Res ID	Name	Map Node Name	Map Video Resource	Property
	<input checked="" type="checkbox"/>	1	VRES_DS1	Door1 for Hi-rise	VRES_DS1	Map
	<input checked="" type="checkbox"/>	2	VRES_DS2	Door2 for Hi-rise	VRES_DS1	Map
	<input type="checkbox"/>	3	VRES_DS3			

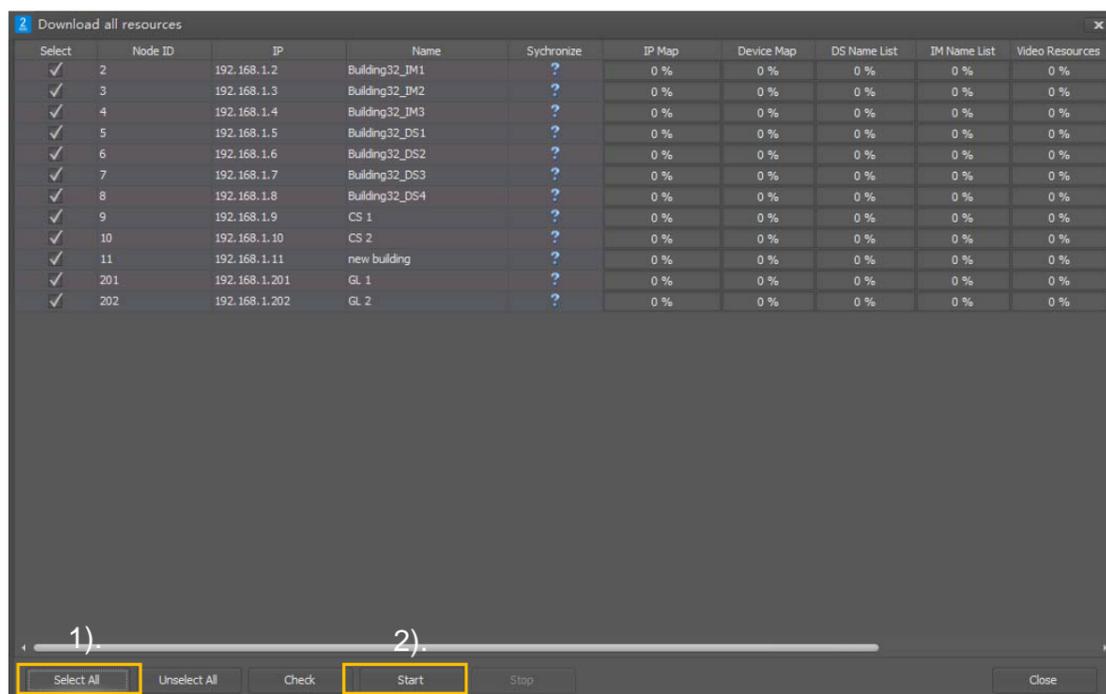
## Download configuration for IP-Devices

After all configure of each VSP 806 and VSP 801, download all the configuration files is a must.



- 1). Click on the **Demo** main title of this project, and make sure the title is be selected. 2). Click on the **Utility** tab on the "Setting Window"
- 3). Click on **Download All Resources** to get into the download window.

A window will pop up, showing all the IP devices configure on the software



- 1). Click on the **Select All** to select all IP device.
- 2). Click on the **Start** to start downloading the configuration files

Below process means the download is successful

Select	Node ID	IP	Name	Synchronize	IP Map	Device Map	DS Name List
<input checked="" type="checkbox"/>	3	192.168.243.3	Building32_IM2		100 %	100 %	100 %

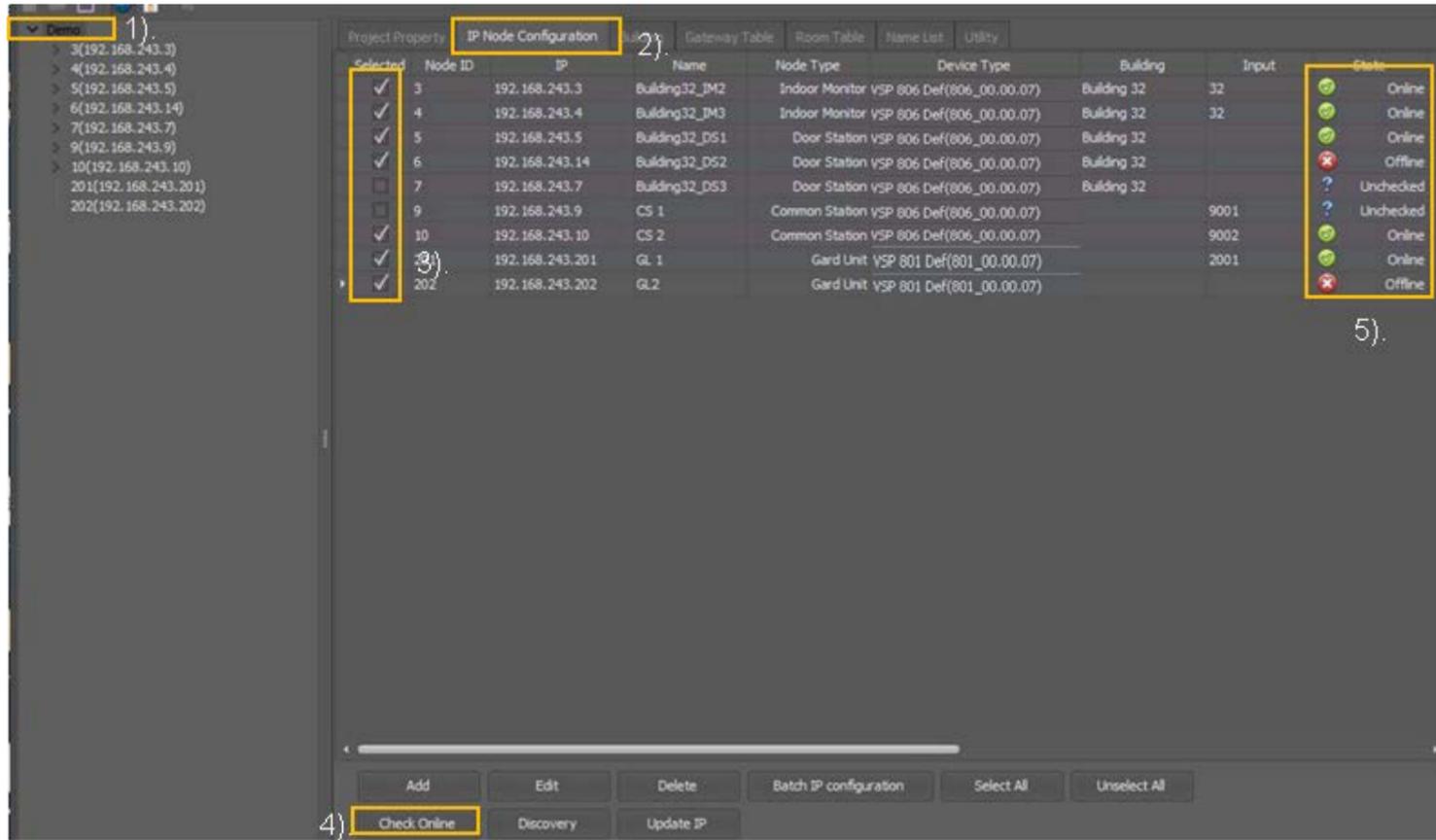
The process have a chance that download failed, which those failed IP device need to re-download the configuration, tick on those failed device, click on "Start" to download the configuration just for the deleted devices

Select	Node ID	IP	Name	Synchronize	IP Map	Device Map	DS Name List
<input type="checkbox"/>	3	192.168.243.3	Building32_IM2		100 %	100 %	100 %
<input type="checkbox"/>	4	192.168.243.4	Building32_IM3		100 %	100 %	100 %
<input type="checkbox"/>	5	192.168.243.5	Building32_DS1		100 %	100 %	100 %
<input type="checkbox"/>	6	192.168.243.6	Building32_DS2		100 %	100 %	100 %
<input type="checkbox"/>	7	192.168.243.7	Building32_DS3		100 %	100 %	100 %
<input type="checkbox"/>	9	192.168.243.9	CS 1		100 %	100 %	100 %
<input type="checkbox"/>	10	192.168.243.10	CS 2		100 %	100 %	100 %
<input checked="" type="checkbox"/>	201	192.168.243.201	GL 1		100 %	0 %	0 %

## Debug

VSP 806 Setting Tool with some online check tools to search from the network to see if the devices is online or not.

### IP-Device Online check:



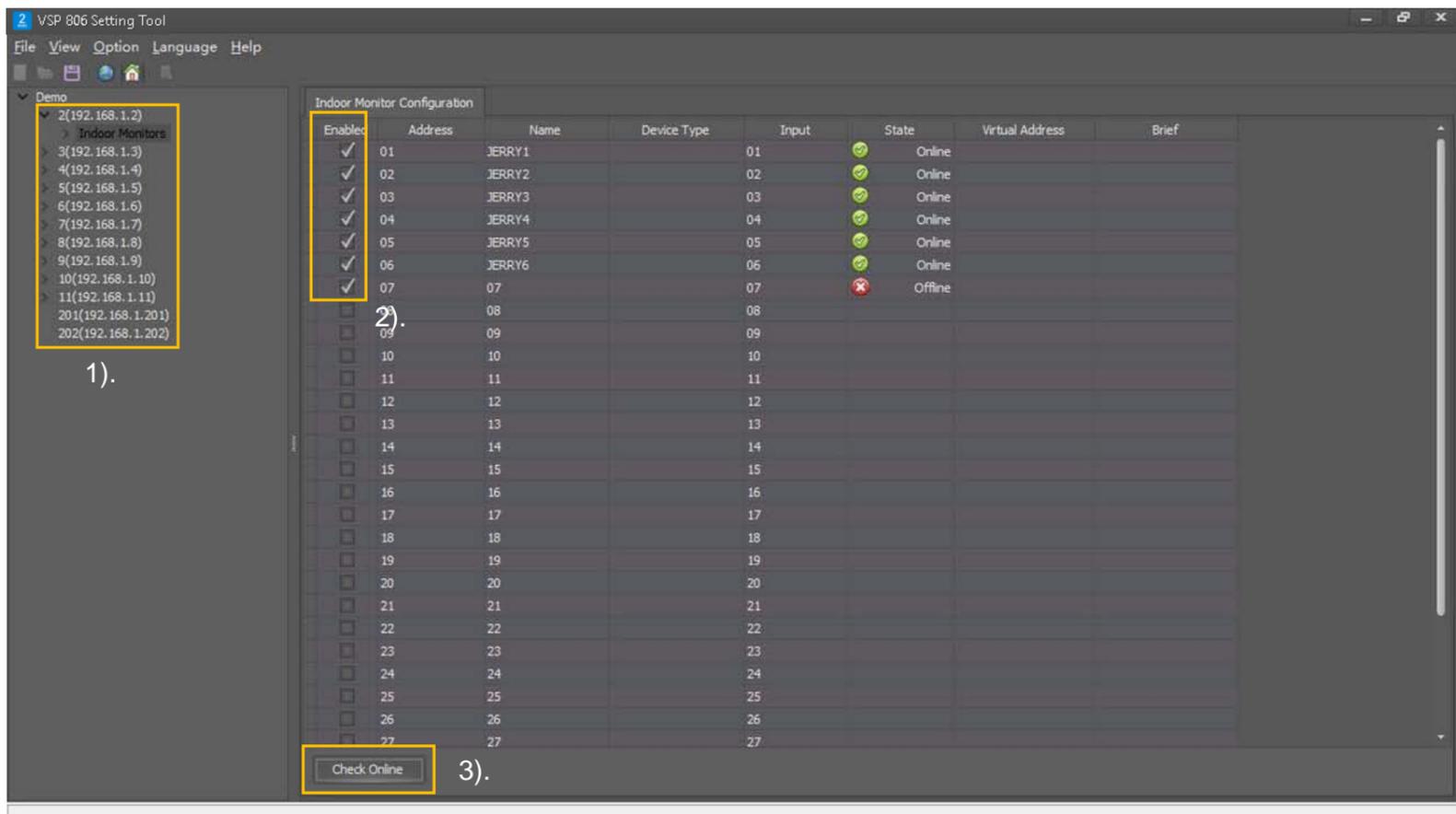
- 1). Click on the **Demo** main title of this project, and make sure the title is be selected.
- 2). Click on the **IP Node Configuration** tab on the "Setting Window".
- 3). Tick on  the devices want to be check or click on **Select All** to select all devices.
- 4). Click on the **Check Online** button to start checking.
- 5). Result will show on that line.

Offline Means the device is offline or not connected Online

Means the device is online

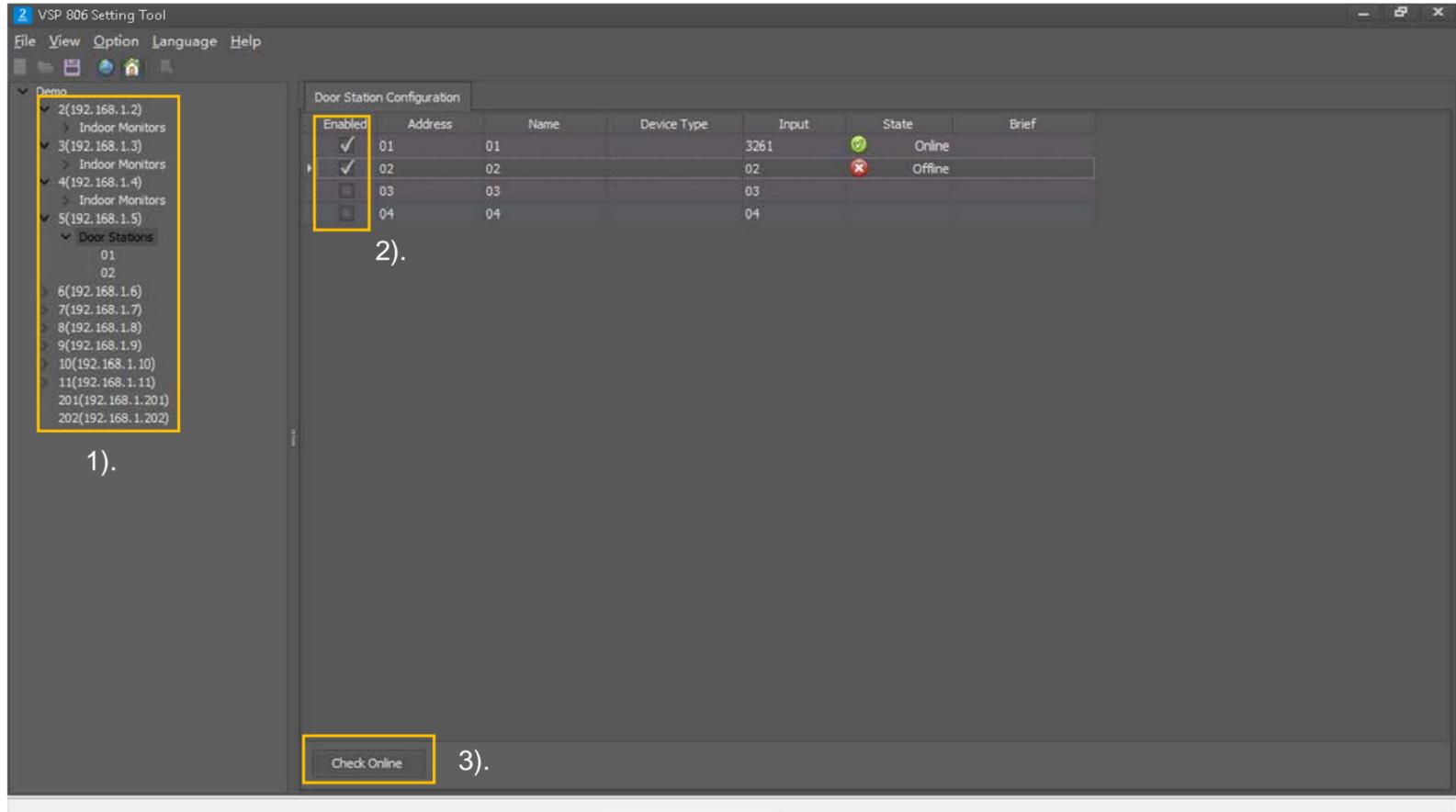
Unchecked Means the device is not be selected to check

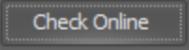
### Monitor Online check:



- 1). Select **2(192.168.1.2) Indoor Monitors** the sub item need to be check on the target VSP 806
- 2). Tick on the units wants to be check
- 3). Click on **Check Online** icon to check the devices

## Door Station Online check:



- 1). Select  the sub item need to be check on the target VSP 806 2). Tick on the units wants to be check
- 3). Click on  icon to check the devices