

# **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.

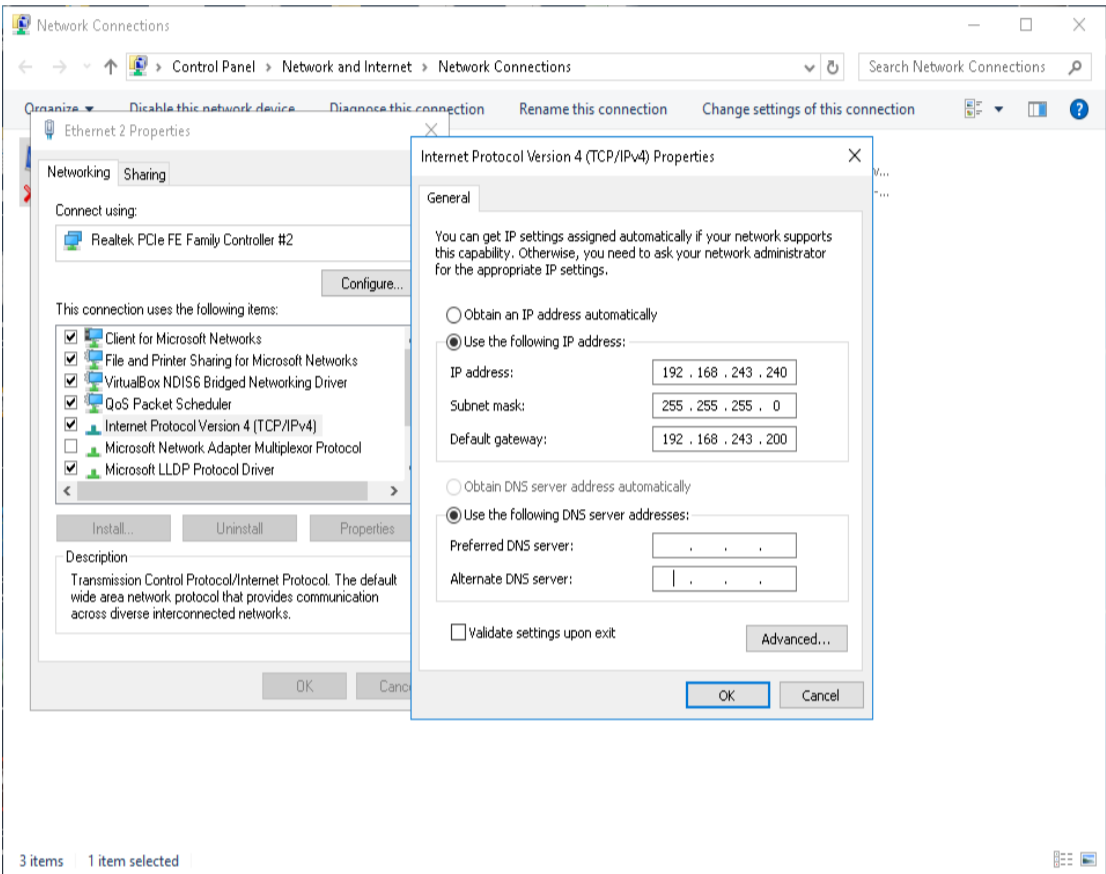
Install the application on a PC and use to create the configuration for all VSP 806. Search for VSP 806 on the network; assign and upload configuration data for the system. VSP 806 Maintains

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**

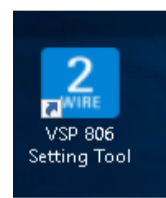
The VSP 806 default IP address is from (192.168.243.1) ~ (192.168.243.199). The PC will need to be set in the same subnet in order to connect to the VSP 806.

- 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.

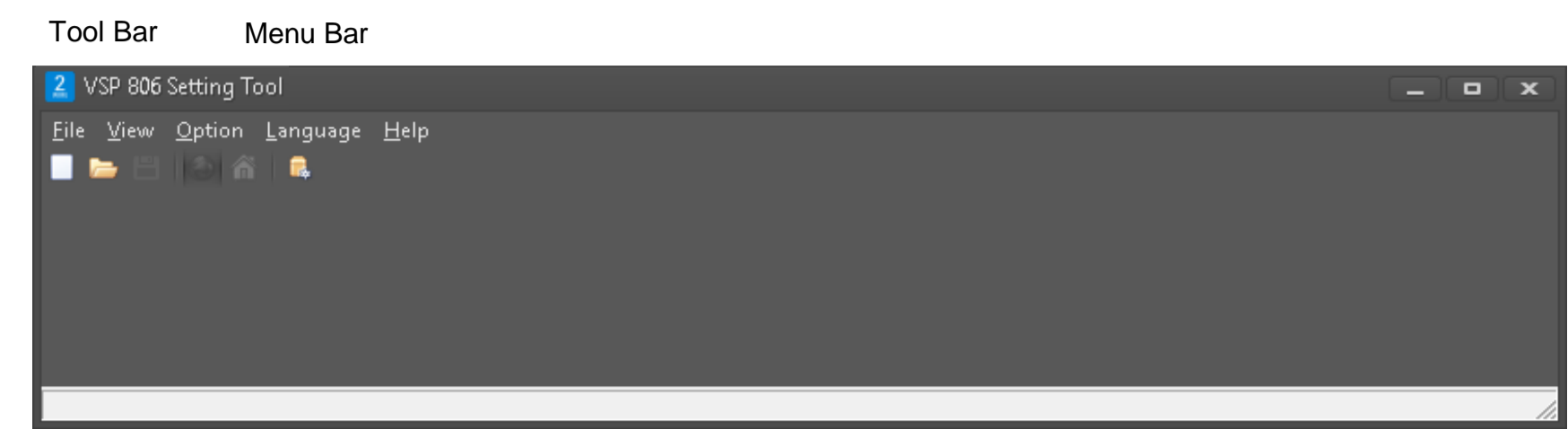


**Running VSP 806 Setting Tool**

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



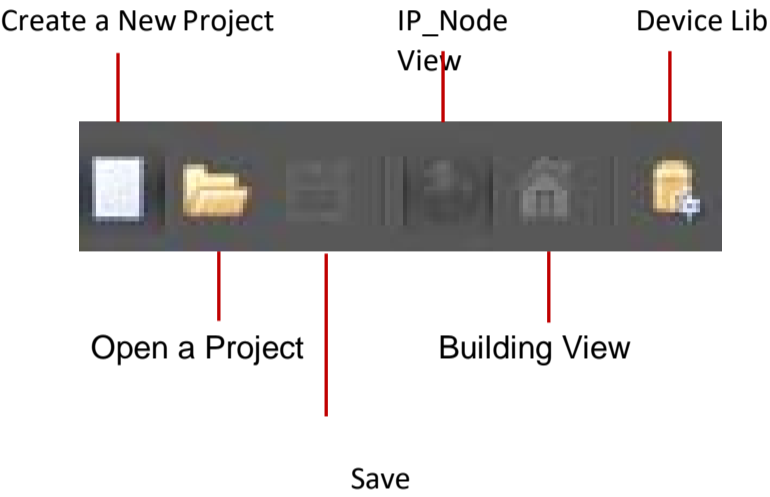
This is the first window showing when running the software



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.

VSP 806 Setting Tool

FileViewOptionLanguageHelp

▼ Demo

2(192.168.243.2)

3(192.168.243.3)

4(192.168.243.4)

5(192.168.243.5)

6(192.168.243.6)

7(192.168.243.7)

8(192.168.243.8)

9(192.168.243.9)

10(192.168.243.10)

11(192.168.243.11)

201(192.168.243.201)

202(192.168.1.202)

Project PropertyIP Node ConfigurationBuildingGateway TableRoom TableName ListUtility

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

AddEditDeleteBatch IP configurationSelect AllUnselect All

Check OnlineDiscoveryUpdate IP

## 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



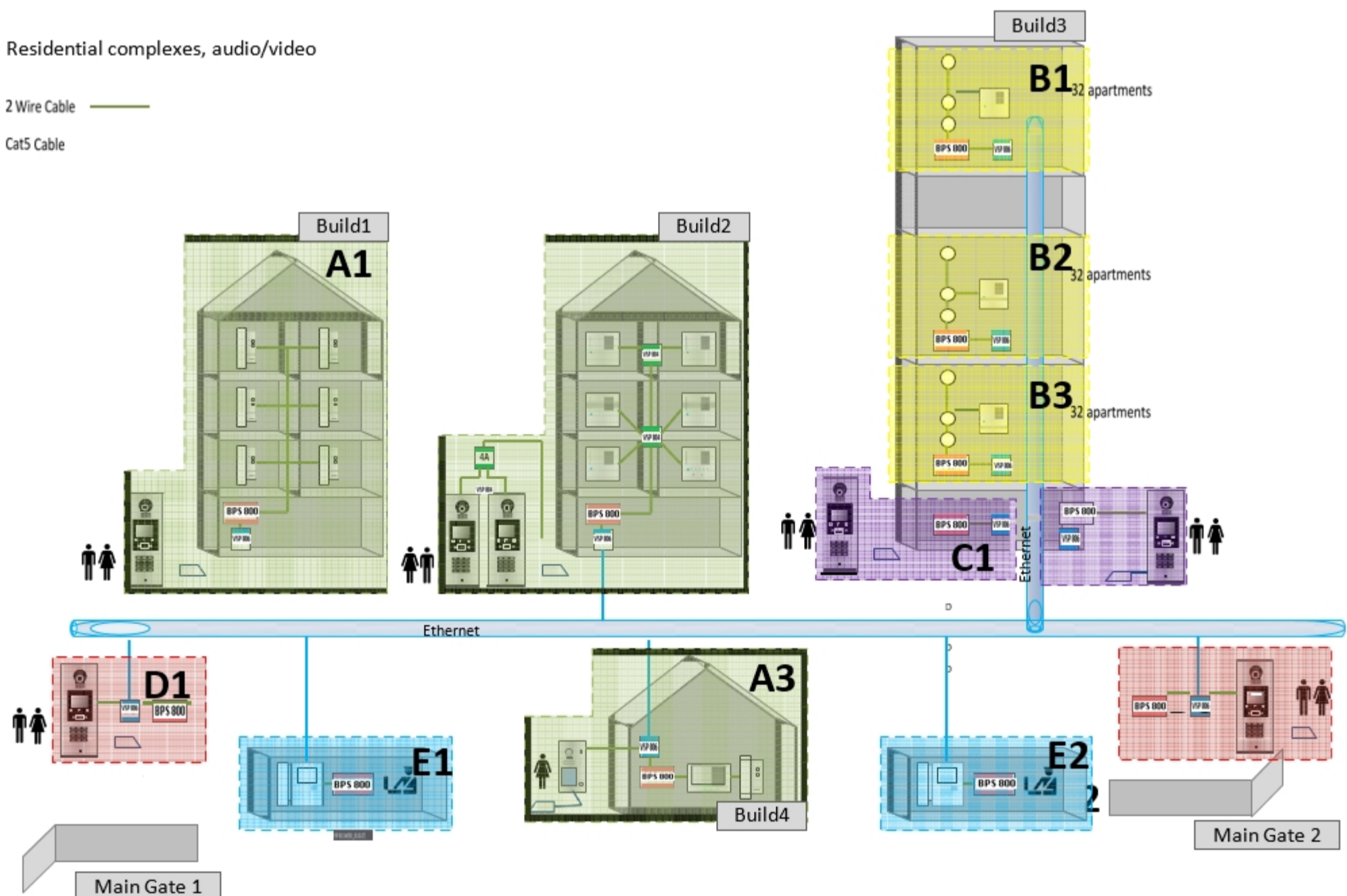
**3. Door station**, this Node Type connect with one VSP 898, but it limits to call to only the indoor units inside the building, it works for the building as normally door station, such as C1 and C2 in the example

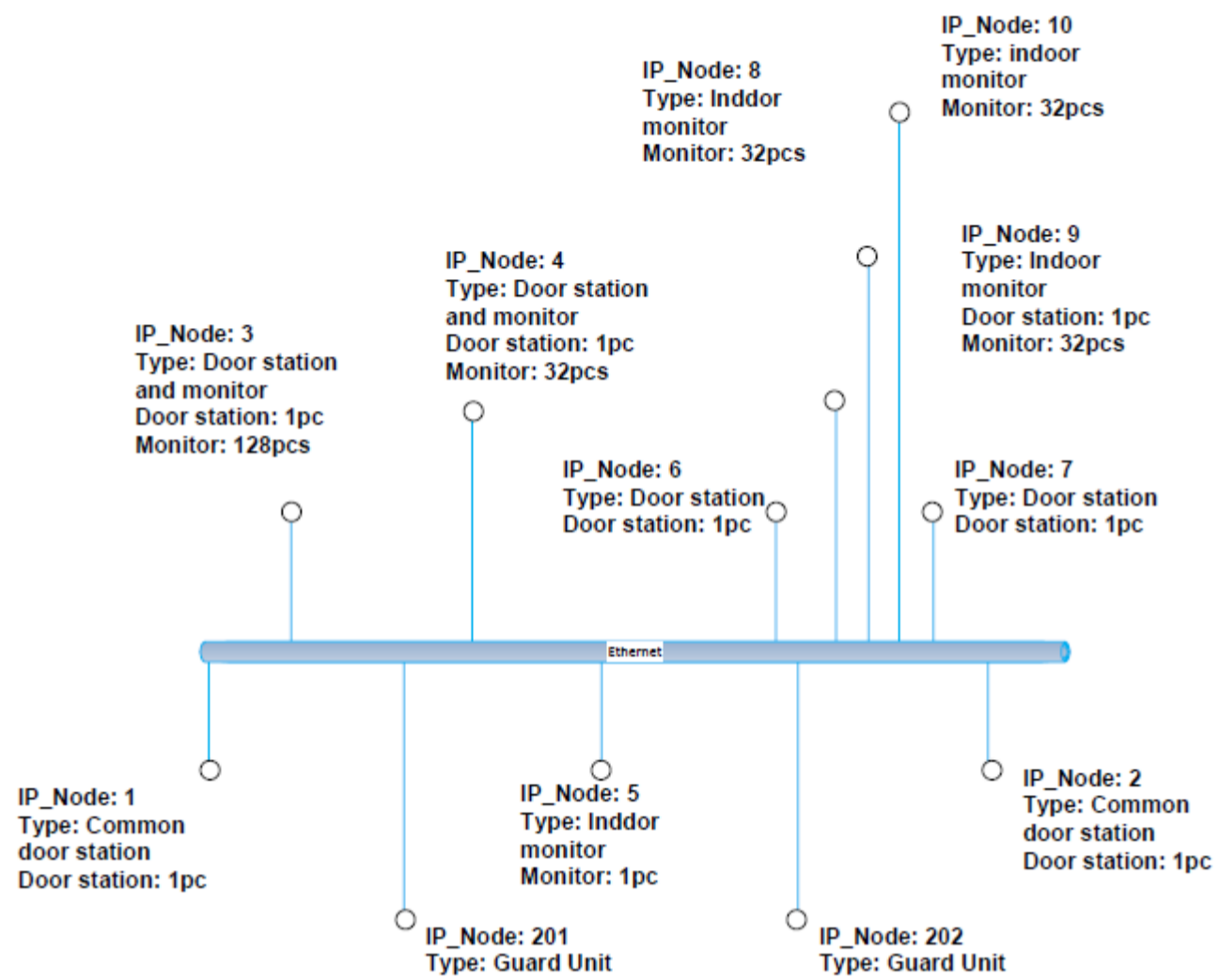


**4. Indoor Monitor**, this Node Type connect with only multi monitors(no more 32), it is an extent for the High-Rise building for each more 32 monitors, such as B1, B2 and B3 in the example



**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

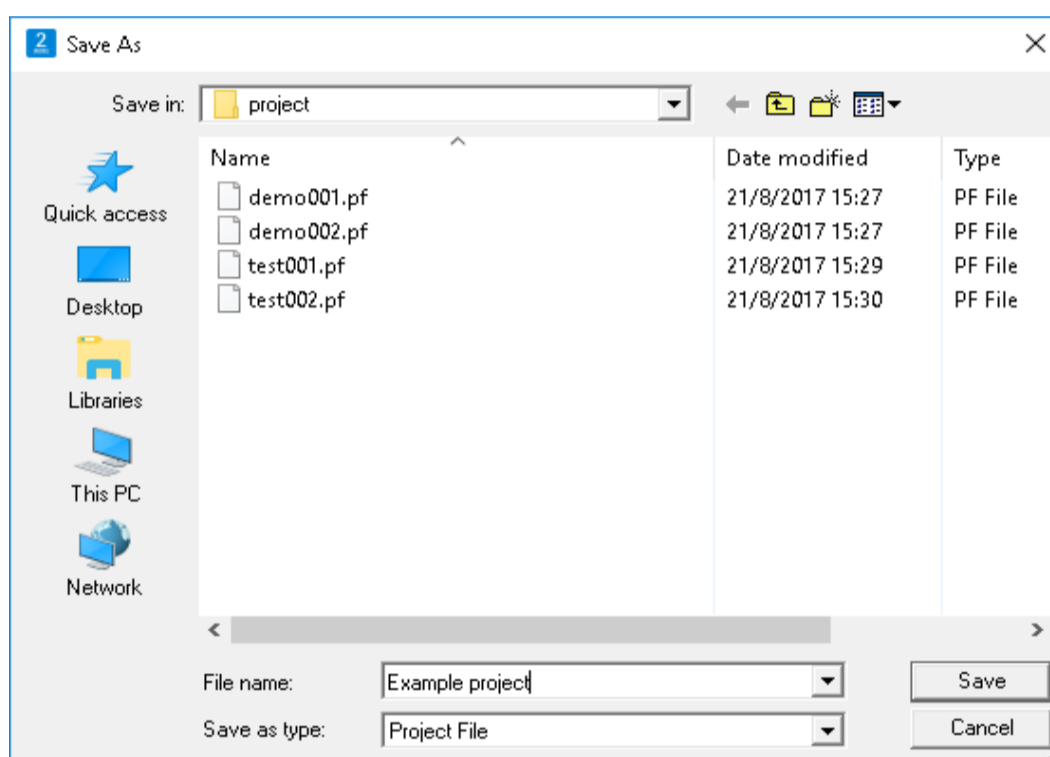
1. There are 2 ways to create a new project:

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

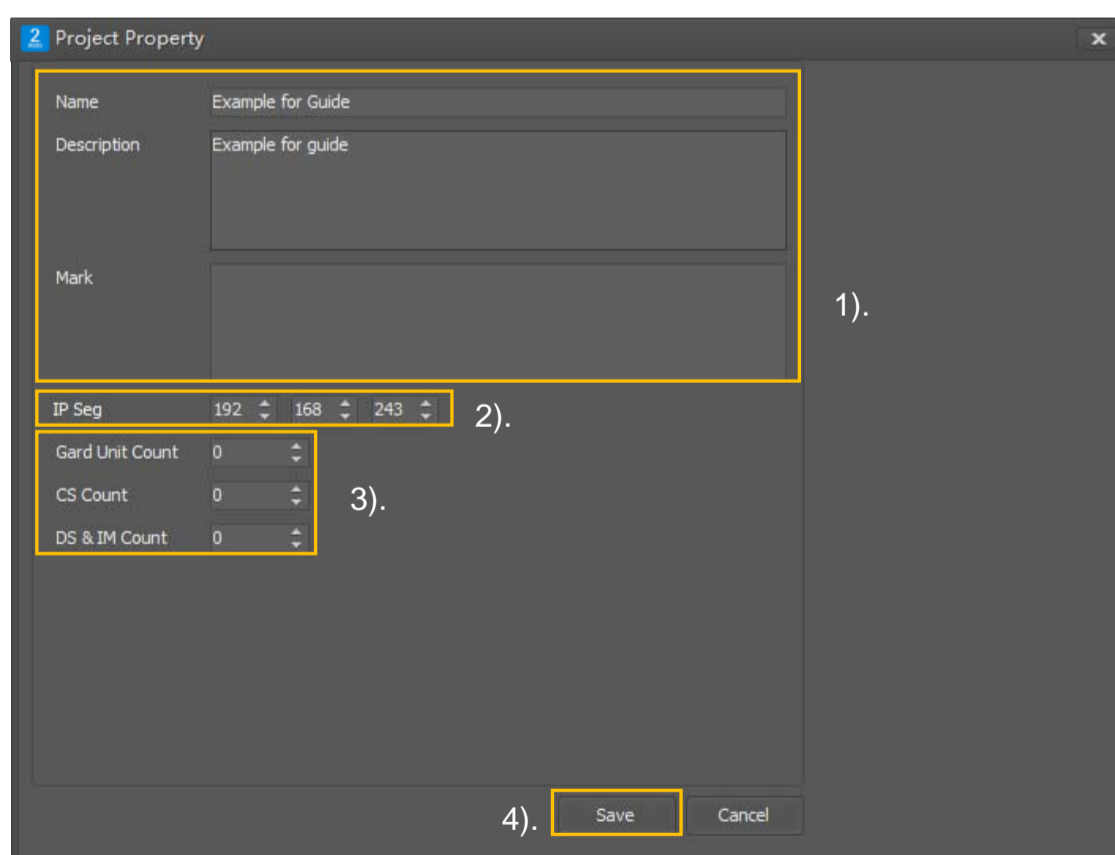


2). Click "New" icon on the tool bar

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

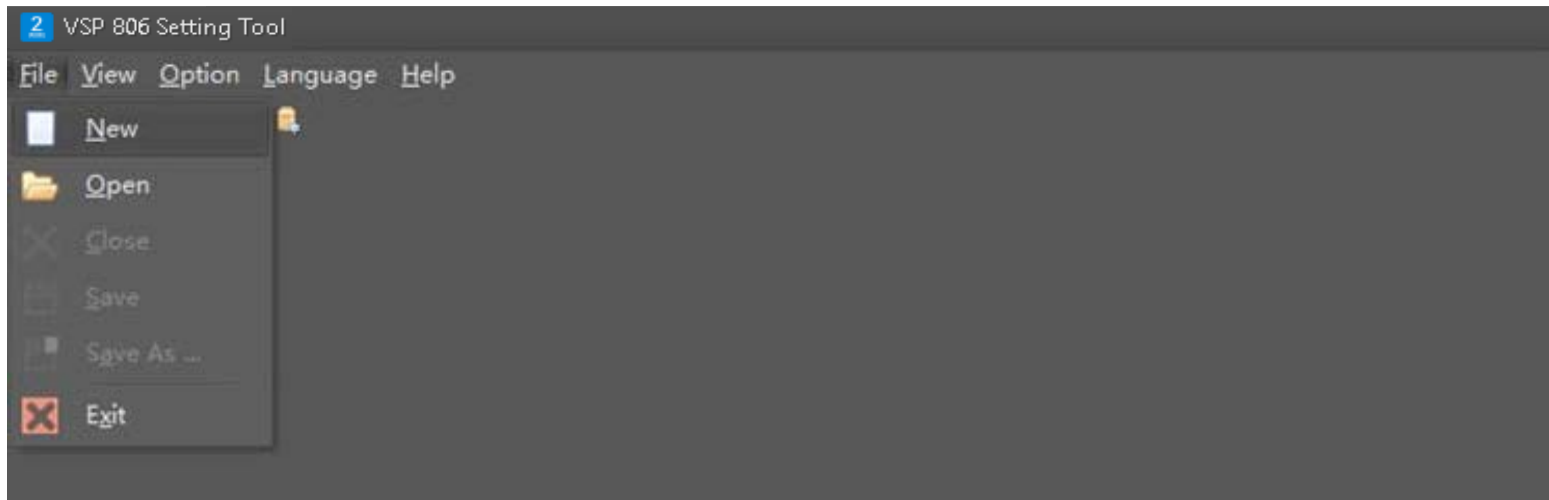
For rest of two IP\_Node type (Indoor Monitor and Door Station) can be added in the setting window. And all configuration is editable in setting window. Here will fill in "2,2,2" as the example project

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

## Open a exist Project

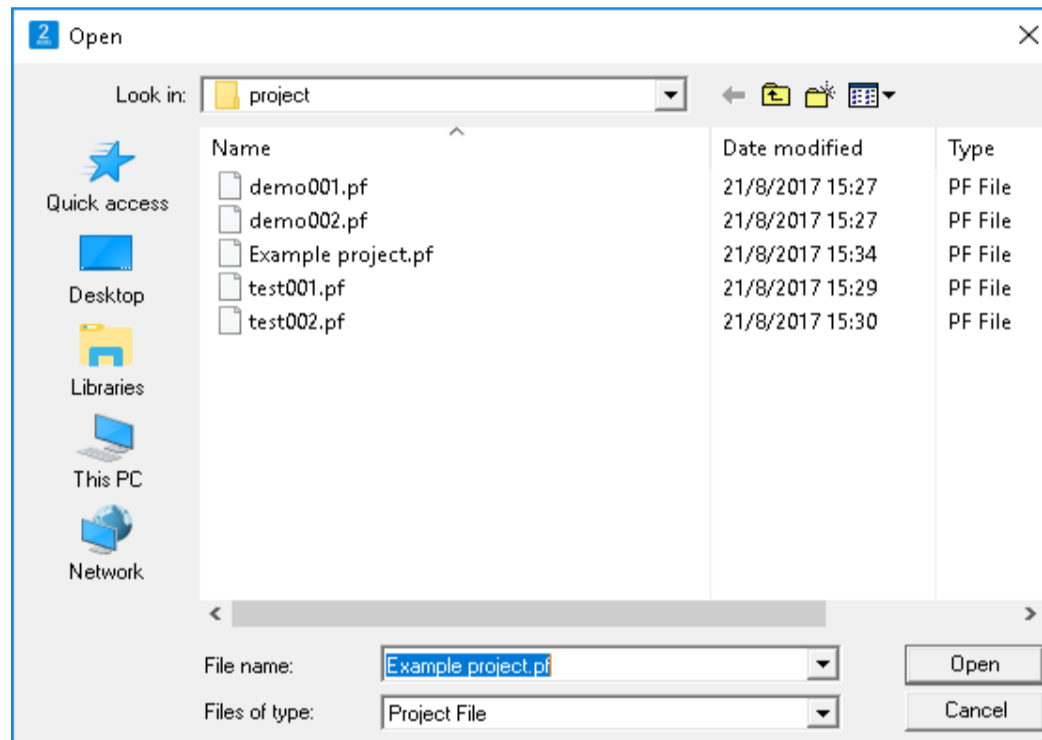
1. There are 2 ways to create a new project:

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

Project Property

Name

Example for Guide

Description

Example for guide

Mark

IP Seg

192168243

Gard Unit Count

2

CS Count

2

DS & IM Count

3

Save

Cancel

2. Click on the 

Add

 button to create a new device on the settingwindow

Add

Edit

Delete

Batch IP configuration

Select All

Unselect All

Check Online

Discovery

Update IP

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 & 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"/>						

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

\*

☐

6

192.168.243.

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 checked="" 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 Project Property

Name

Description

Mark

IP Seg

192

168

243

Gard Unit Count

0

CS Count

0

DS & IM Count

0

Save

Cancel

- 2. Click on the 

Discovery

 button to create a new device on the setting window

Add

Edit

Delete

Batch IP configuration

Select All

Unselect All

Check Online

Discovery

Update IP

- 3. A new window "IP Node Discovery" window will pop up and Click on the 

Scan

 button on the bottom to search all IP devices connected on the network

2

Select

Added

Node ID

IP

Mask

Gateway

Mfg\_Sn

Device Type

Mac Address

Can change IP

State

Scan

Update Node

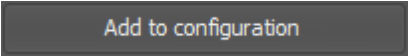

Add to configuration

Modify Node ID

Close

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.  Tick on  the IP devices which need to be added on the "Select" item, and clickon the button to add selected devices to the setting window

2 IP Node Discovery

Select	Added	Node ID	IP	Mask	Gateway	Mfg_Sn	Device Type	Mac Address	Can change IP	State
<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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	


Scan

Update Node

Add to configuration

Modify Node ID

Close

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

2 IP Node Discovery

Select	Added	Node ID	IP	Mask	Gateway	Mfg_Sn	Device Type	Mac Address	Can change IP	State
<input checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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	

Scan

Update Node

Add to configuration

Modify Node ID

Close

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

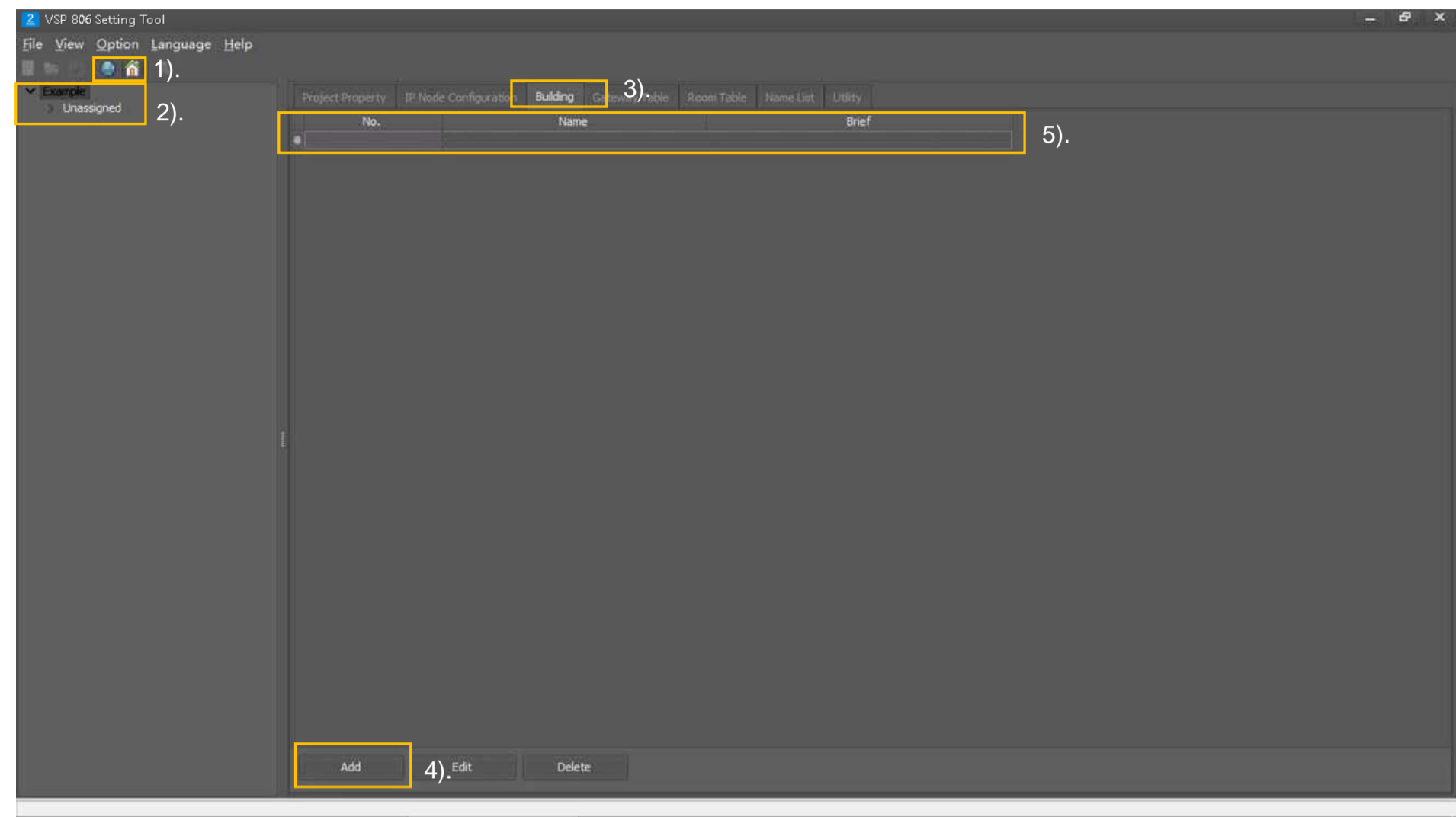
Project Property		IP Node Configuration		Building	Gateway Table	Room Table	Name List	Utility		
	Selected	Node ID	IP	Name	Node Type	Device Type	Building	Input		St
	<input type="checkbox"/>	2	192.168.243.2		None			002	?	U
	<input type="checkbox"/>	3	192.168.243.3		None			003	?	U
	<input type="checkbox"/>	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


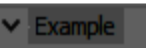
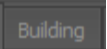
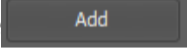
Building

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

▼ Example

1-Building1-Auido

3-Building3-Villa

2-Building2-Video

3-Building3-Villa

➤ Unassigned

Project Property

IP Node Configuration

Building

Gateway Table

Room Table

Name List

Utility

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

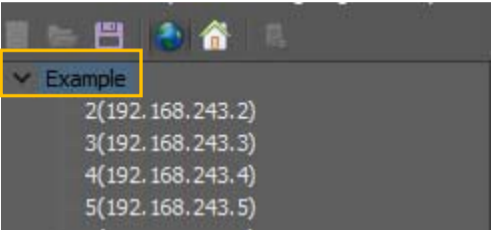
Global settings-IP Node configuration

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.

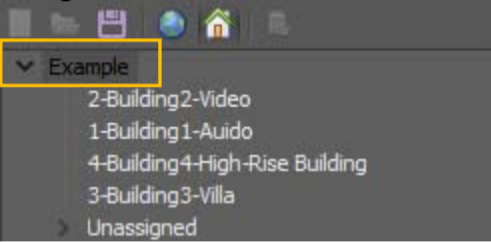
- Name: Mark name for the VSP 806 Node
- Type: different function for VSP806
- Device type: whether this unit is VSP 806 or VSP 801
- Building: Identity which building VSP 806 are working for
- Input: Calling codes setting, provides a friendly input call codes to end-user
- Extent Mode: whether the VSP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

How to configure

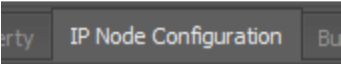
1. Click on the main title on the device view. IP Node view:



Building view:



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



Project Property		IP Node Configuration		Building	Gateway Table	Room Table	Name List	Utility				
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		

AddEditDeleteBatch IP configurationSelect AllUnselect All

Check OnlineDiscoveryUpdate 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 "

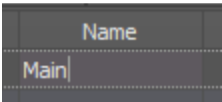
Gateway: VSP 806 Network's gateway, by default is 192.168.243.200

Msg\_Sn: Serial Number VSP 806


Brief: Enter information for mark

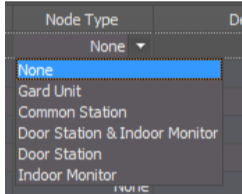
Name

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

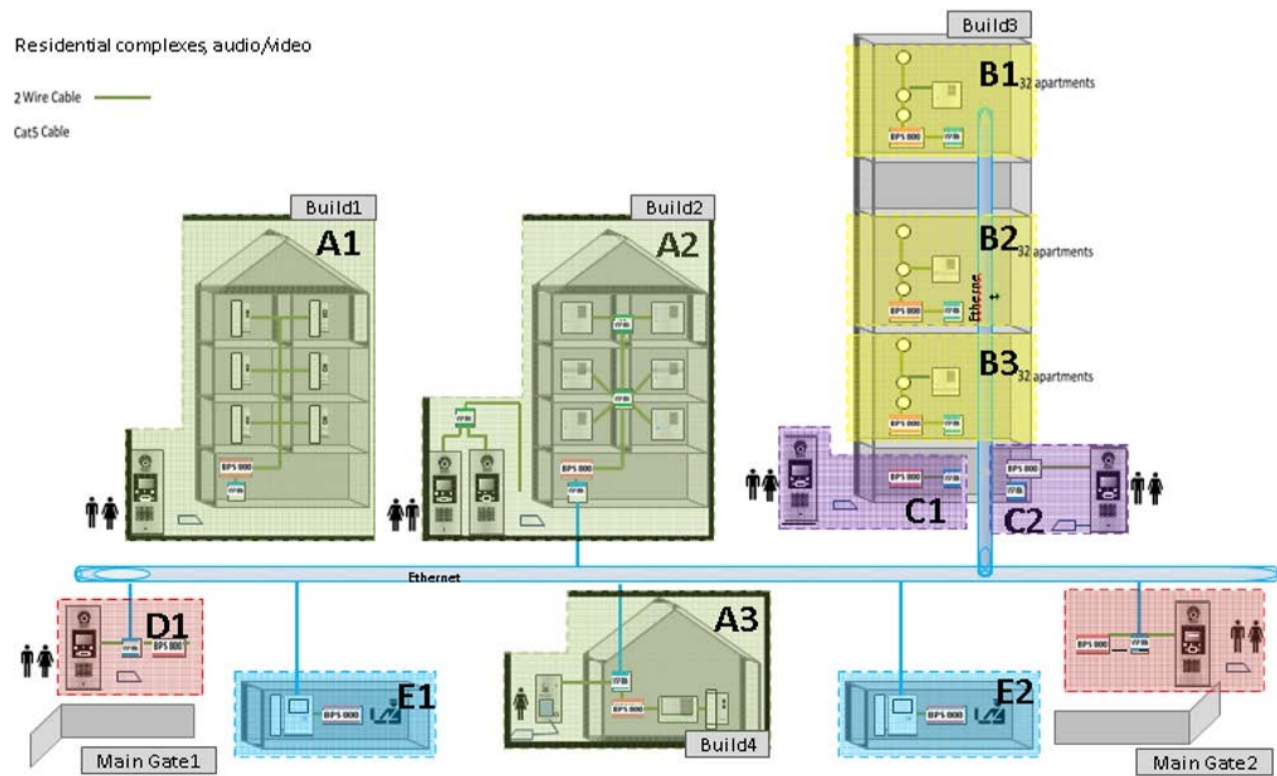
Click on the blank area of the "Node Type" item, and click on the  icon select an item in the dropdown list. Select the Node type as below example. Total 5 types of them



Node type

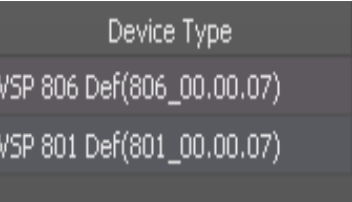
To identity each VSP 806 duty is important, Node Type is to make each VSP 806 knows what responds for; there are 5 kind of different type:

- 
- 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 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



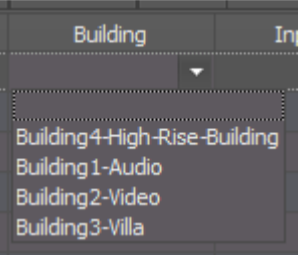
Device type

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

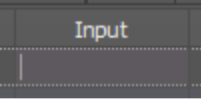
Click on the blank area of the "Building" item, and click on the icon select an item in the dropdown list. If the dropdown list is empty please add



building on the building tab, for Common Door Station leaves blank on thisproperty

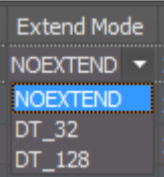
Input

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.



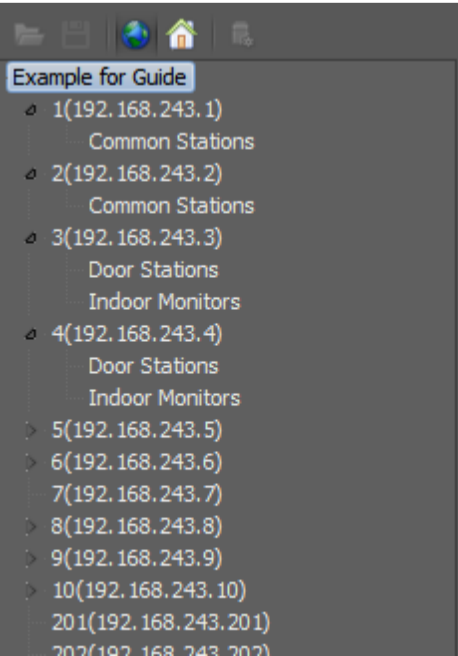
NOEXTEND: No indoor unit connect with VSP 806 DT\_32: VSP 806 is connect with video monitors  
DT\_128: VSP 806 is connect with only audio handsets

After configuring all above property the list will as follow

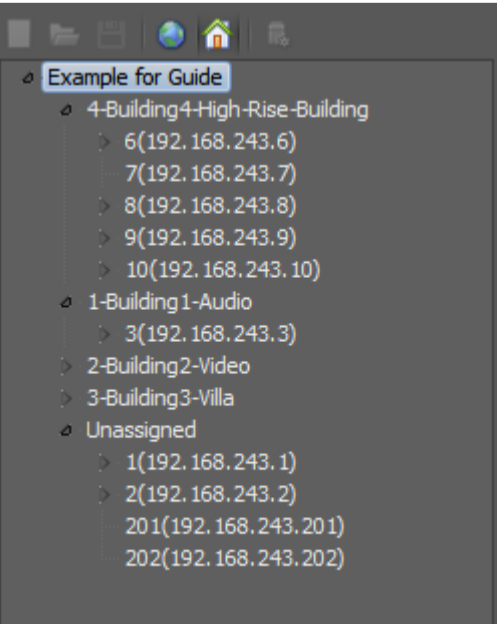
Project Property	IP Node Configuration		Building	Gateway Table	Room Table	Name List	Utility		
	Selected	Node ID	IP	Name	Node Type	Device Type	Building	Input	
	<input type="checkbox"/>	1	192.168.243.1	Main Gate1	Common Station	VSP 806 Def(806_00.00.07)		81	
	<input type="checkbox"/>	2	192.168.243.2	Main Gate2	Common Station	VSP 806 Def(806_00.00.07)		82	
I	<input type="checkbox"/>	3	192.168.243.3	Audio Building-1	Door Station & Indoor	VSP 806 Def(806_00.00.07)	Building1-Audio	01	
	<input type="checkbox"/>	4	192.168.243.4	Video Building-2	Door Station & Indoor	VSP 806 Def(806_00.00.07)	Building2-Video	02	
	<input type="checkbox"/>	5	192.168.243.5	Villa-3	Door Station & Indoor	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-Building	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-Building	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-Building	04	
	<input type="checkbox"/>	8	192.168.243.8	Extent1for hi-rise	Indoor Monitor	VSP 806 Def(806_00.00.07)	Building4-High-Rise-Building	04	
	<input type="checkbox"/>	10	192.168.243.10	Extent3for hi-rise	Indoor Monitor	VSP 806 Def(806_00.00.07)	Building4-High-Rise-Building	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

▼ Example for Guide

▼ 1(192.168.243.1)

Common Stations

> 2(192.168.243.2)

> 3(192.168.243.3)

> 4(192.168.243.4)

> 5(192.168.243.5)

> 6(192.168.243.6)

> 7(192.168.243.7)

> 8(192.168.243.8)

> 9(192.168.243.9)

> 10(192.168.243.10)

201(192.168.243.201)

202(192.168.243.202)

Door Station & Indoor monitor

▼ Example for Guide

> 1(192.168.243.1)

> 2(192.168.243.2)

▼ 3(192.168.243.3)

Door Stations

Indoor Monitors

> 4(192.168.243.4)

> 5(192.168.243.5)

> 6(192.168.243.6)

> 7(192.168.243.7)

> 8(192.168.243.8)

> 9(192.168.243.9)

> 10(192.168.243.10)

201(192.168.243.201)

202(192.168.243.202)

Door Station

▼ Example for Guide

> 1(192.168.243.1)

> 2(192.168.243.2)

> 3(192.168.243.3)

> 4(192.168.243.4)

> 5(192.168.243.5)

▼ 6(192.168.243.6)

Door Stations

> 7(192.168.243.7)

> 8(192.168.243.8)

> 9(192.168.243.9)

> 10(192.168.243.10)

201(192.168.243.201)

202(192.168.243.202)

Indoor monitors

▼ Example for Guide

> 1(192.168.243.1)

> 2(192.168.243.2)

> 3(192.168.243.3)

> 4(192.168.243.4)

> 5(192.168.243.5)

> 6(192.168.243.6)

> 7(192.168.243.7)

▼ 8(192.168.243.8)

Indoor Monitors

> 9(192.168.243.9)

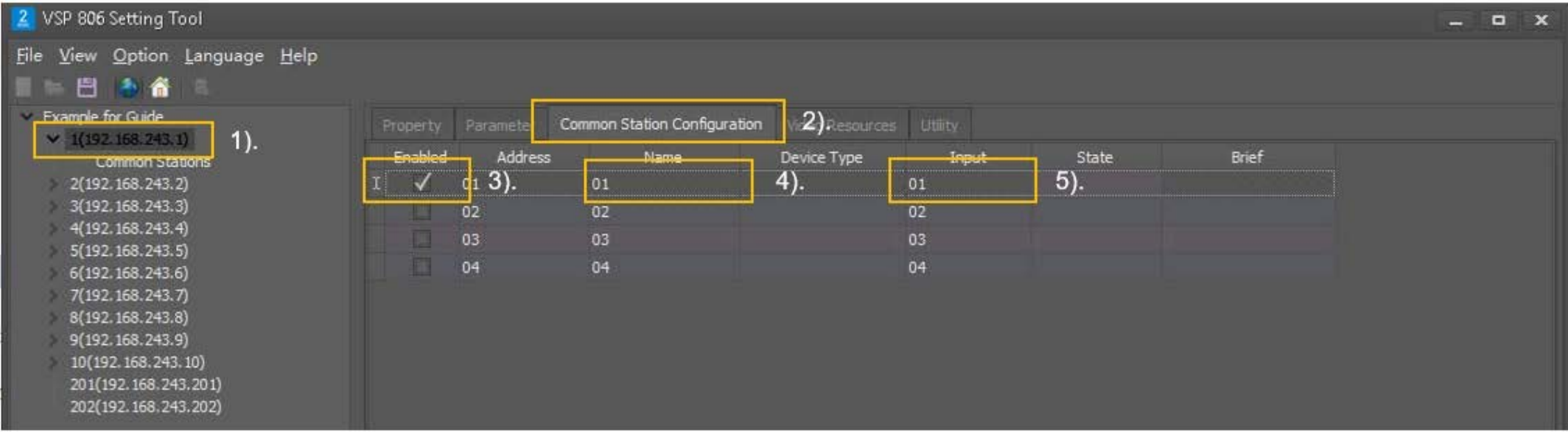
> 10(192.168.243.10)

201(192.168.243.201)

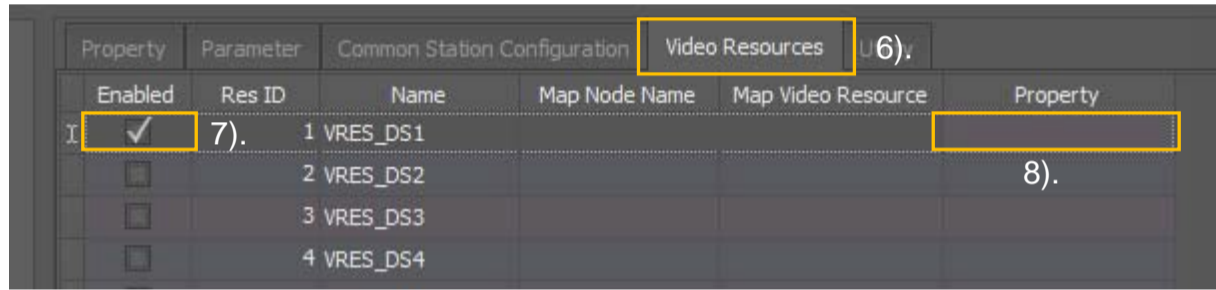
202(192.168.243.202)

Common Station

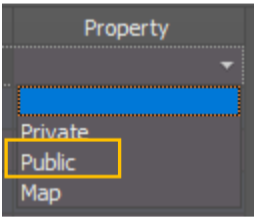
For Common Station, video resource and door station setting is a must.



- 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

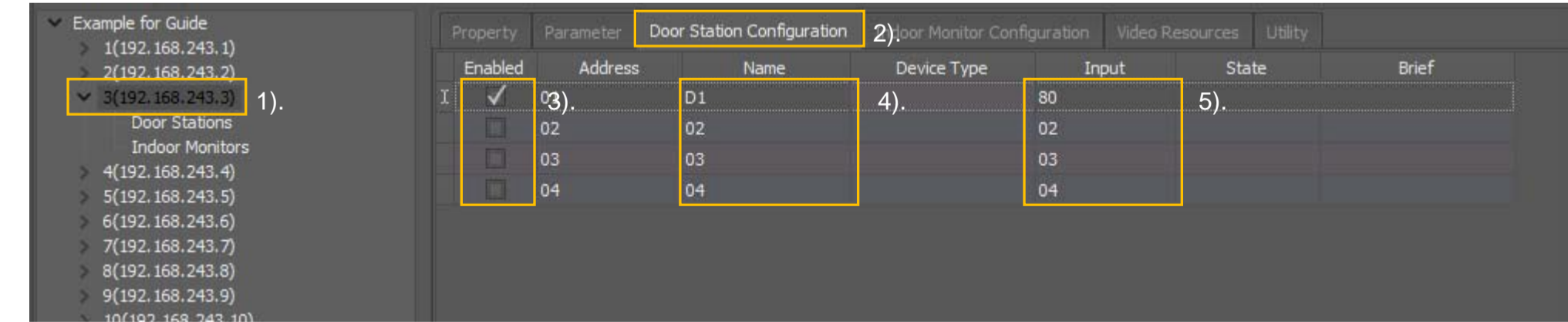


- 9). Click on the "Public", means this camera is open video for the system, the configuration is finish.

**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

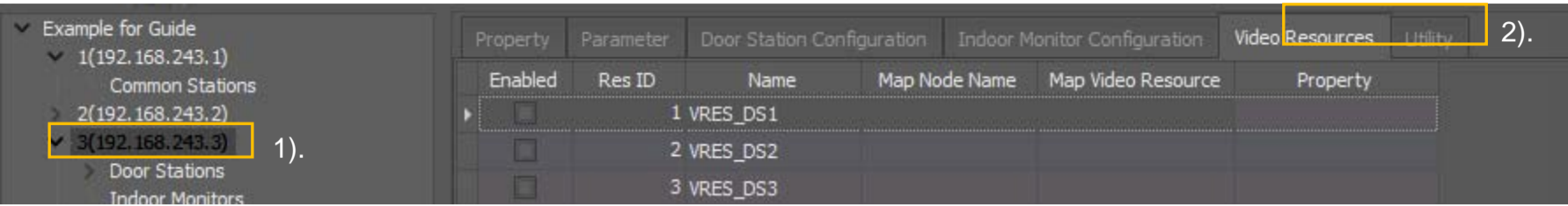
**Building's door station quantity, name and input.**



- 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

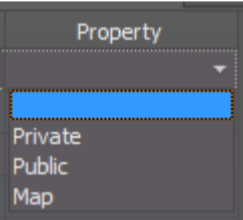
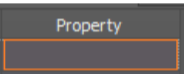
Click on the VSP 806 to configure and make the backgroundbe selected.

2). Click on the 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

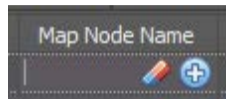
Map: means there isn't an actual video device connected, but use a network's video (as Public video resource from other VSP 806) to replace this video resource, it is Map.

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

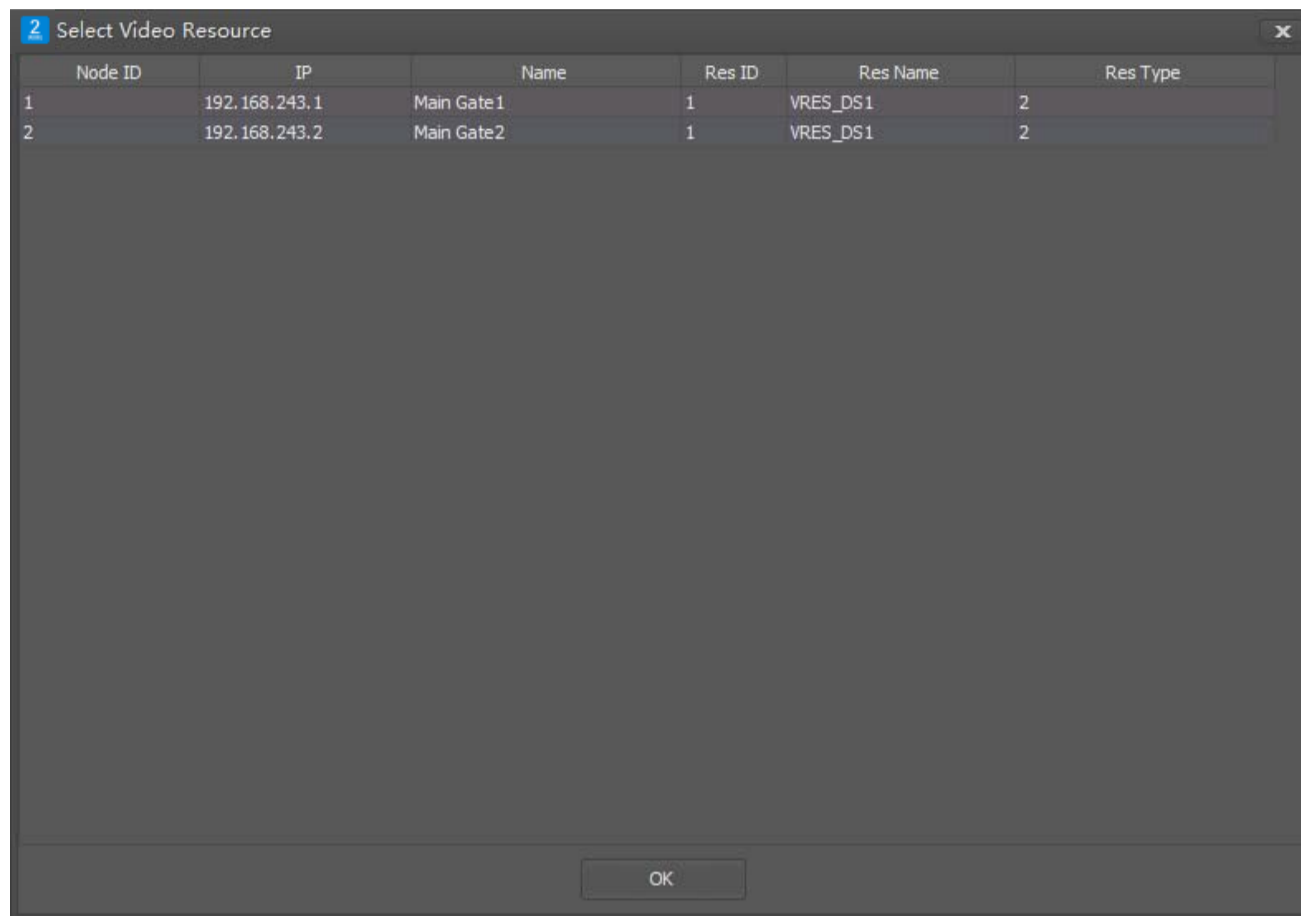
1.) Tick on the resource need to add and set the property to "Map", then click on the blank area of "Map Node Name"

	Enabled	Res ID	Name	Map Node Name	Map Video Resource	Property
I	<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



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

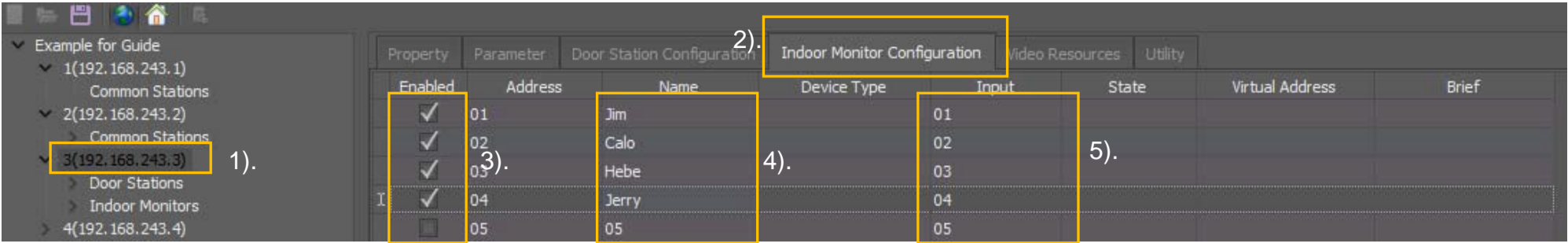
If surveillance DS4, same as DS3

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

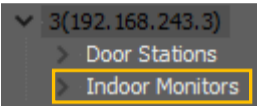
CAM3 and CAM4. same as DS3

**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

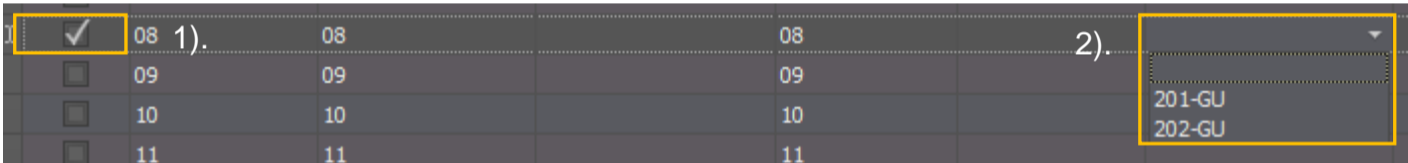


Advance setting-Virtual address

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

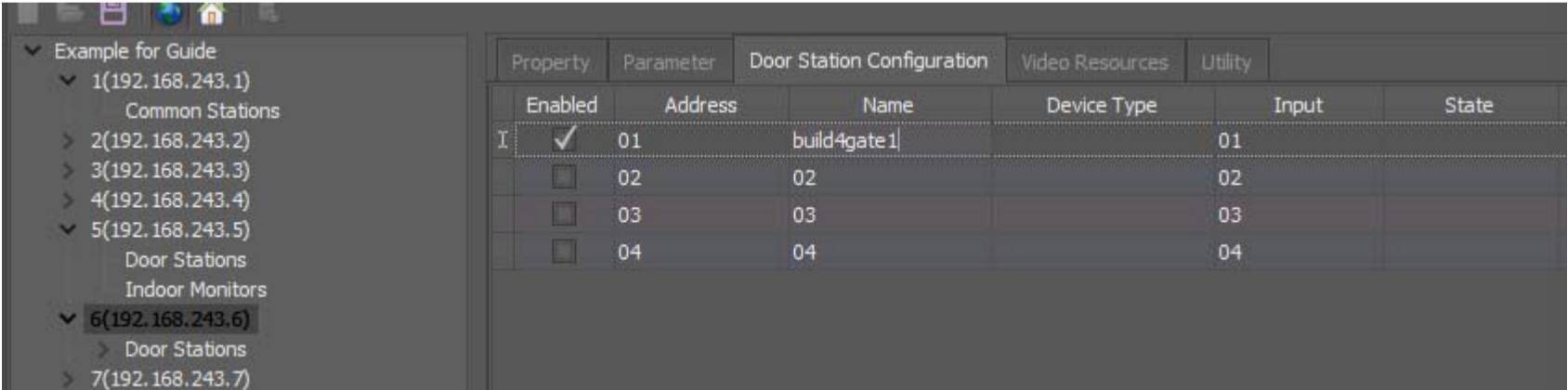


- 1) Tick on the address need to set to virtual
- 2) Double click on the blank area of "Virtual address", a dropdown list will show all Guard Unit in the configuration, select one of them This means if use the intercom function on the monitor to call address 8, it will transfer to the guard unit configure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

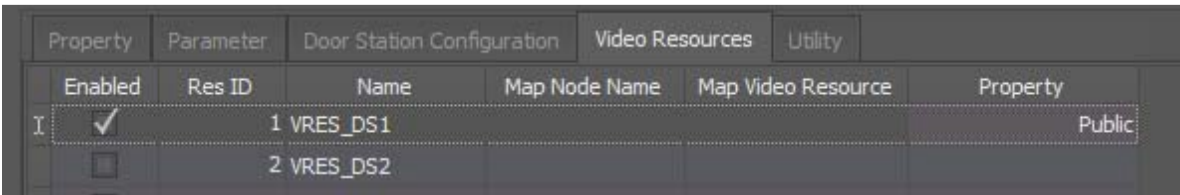
Door Station

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	

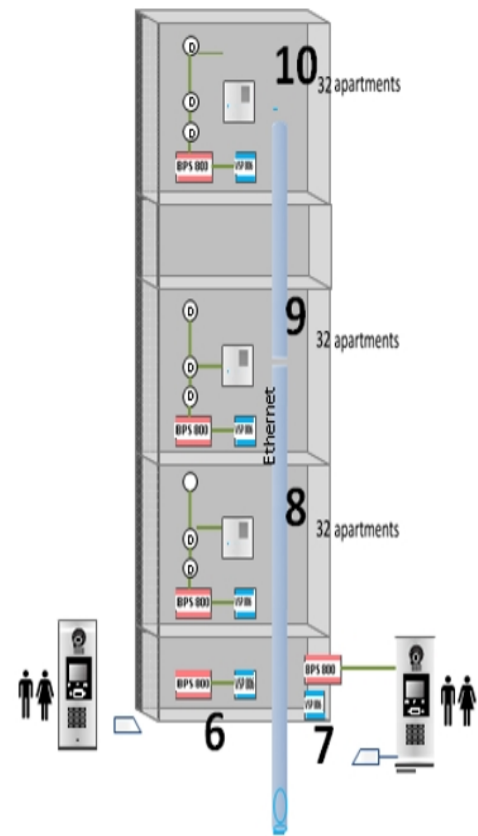
While on the VSP 806 IP NODE9's "Indoor Monitor Configuration"

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

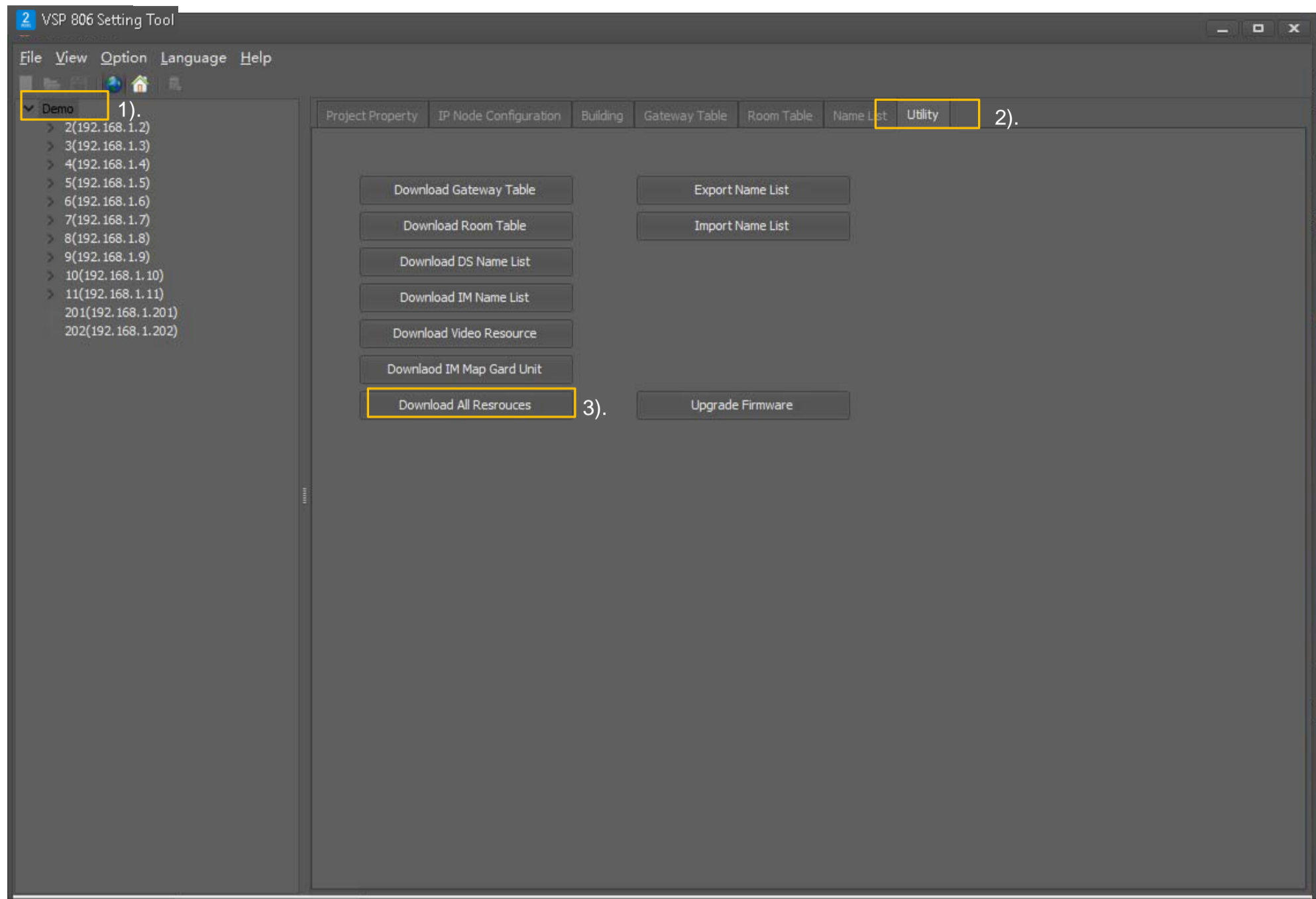
Also for the video resource, because there aren't any actual door station connection this type of VSP 806, so if monitors need to surveillance this building's door station required to mapping to that door, and before configure, need to set that building's video resource as public, so that the VSP 806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

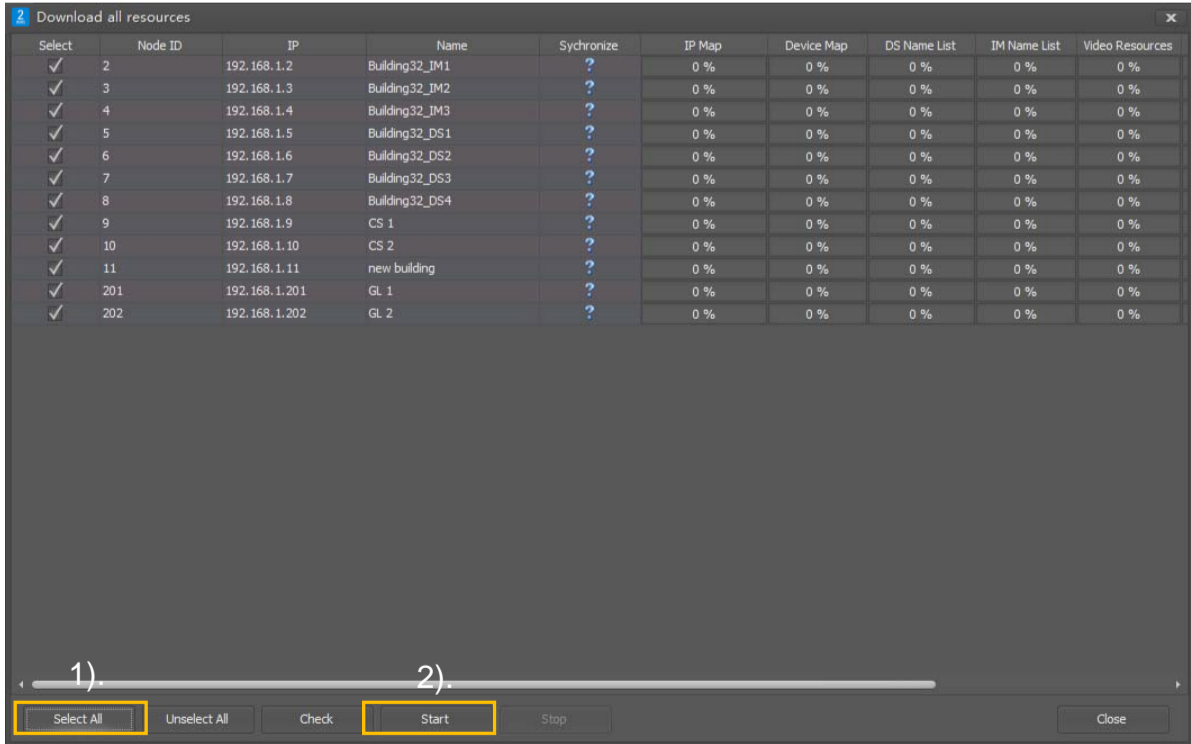
Download configuration for IP-Devices

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 %

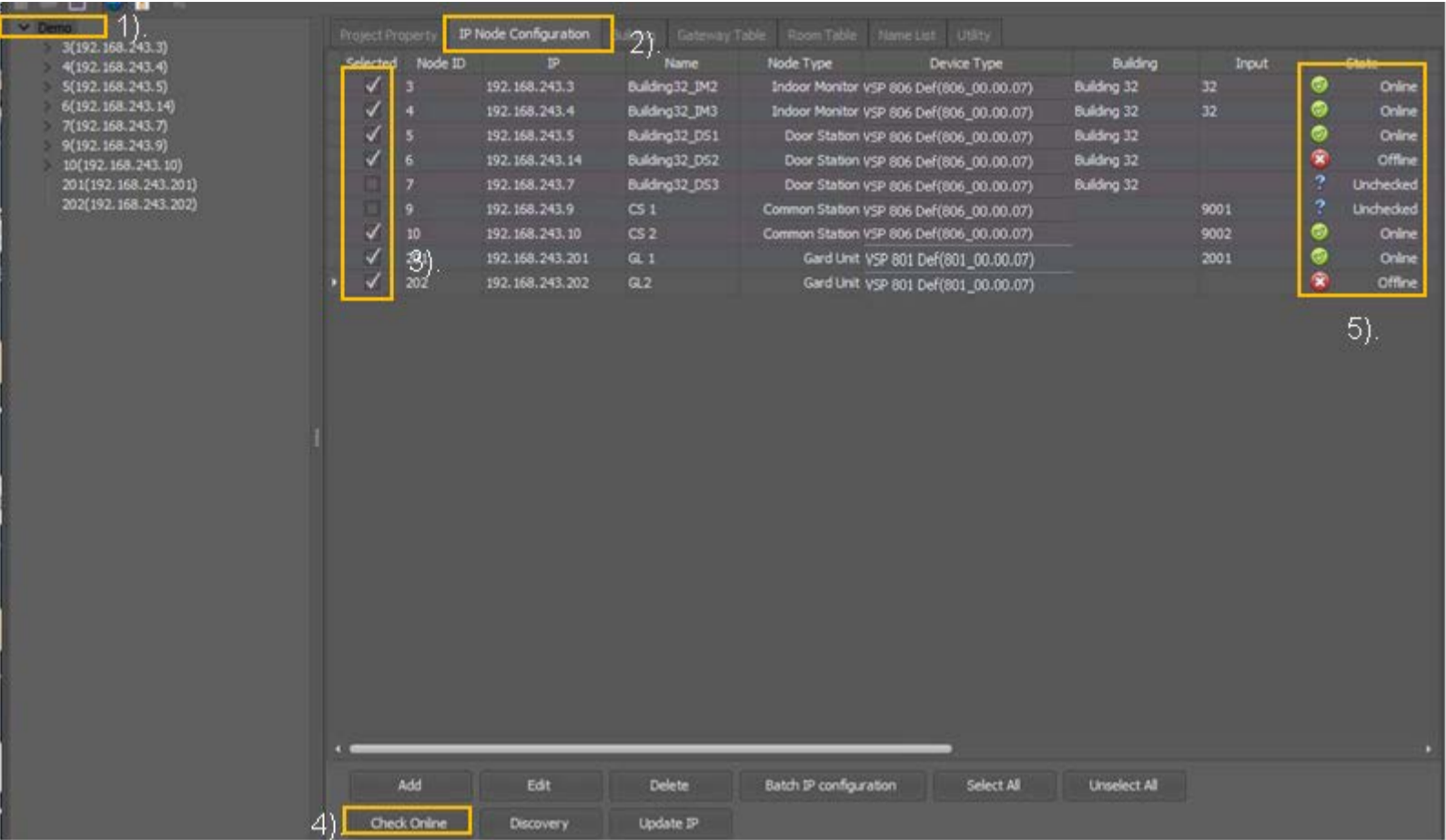
The process have a chance that download failed, which those failed IP device need to re-download the configuration, tick on those failed device, click on "Start" to download the configuration just for the deleted devices

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.

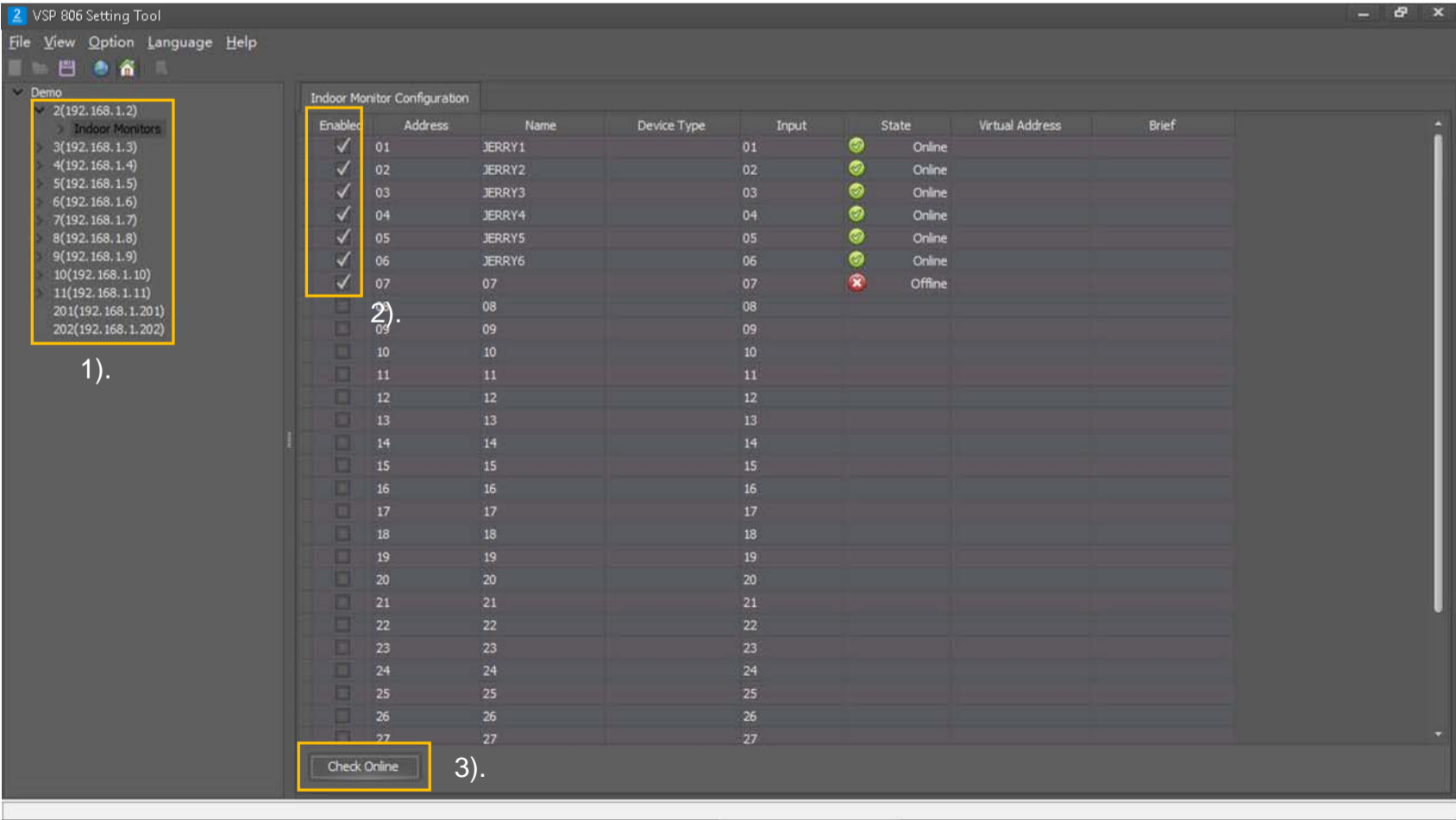
IP-Device Online check:



- 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.

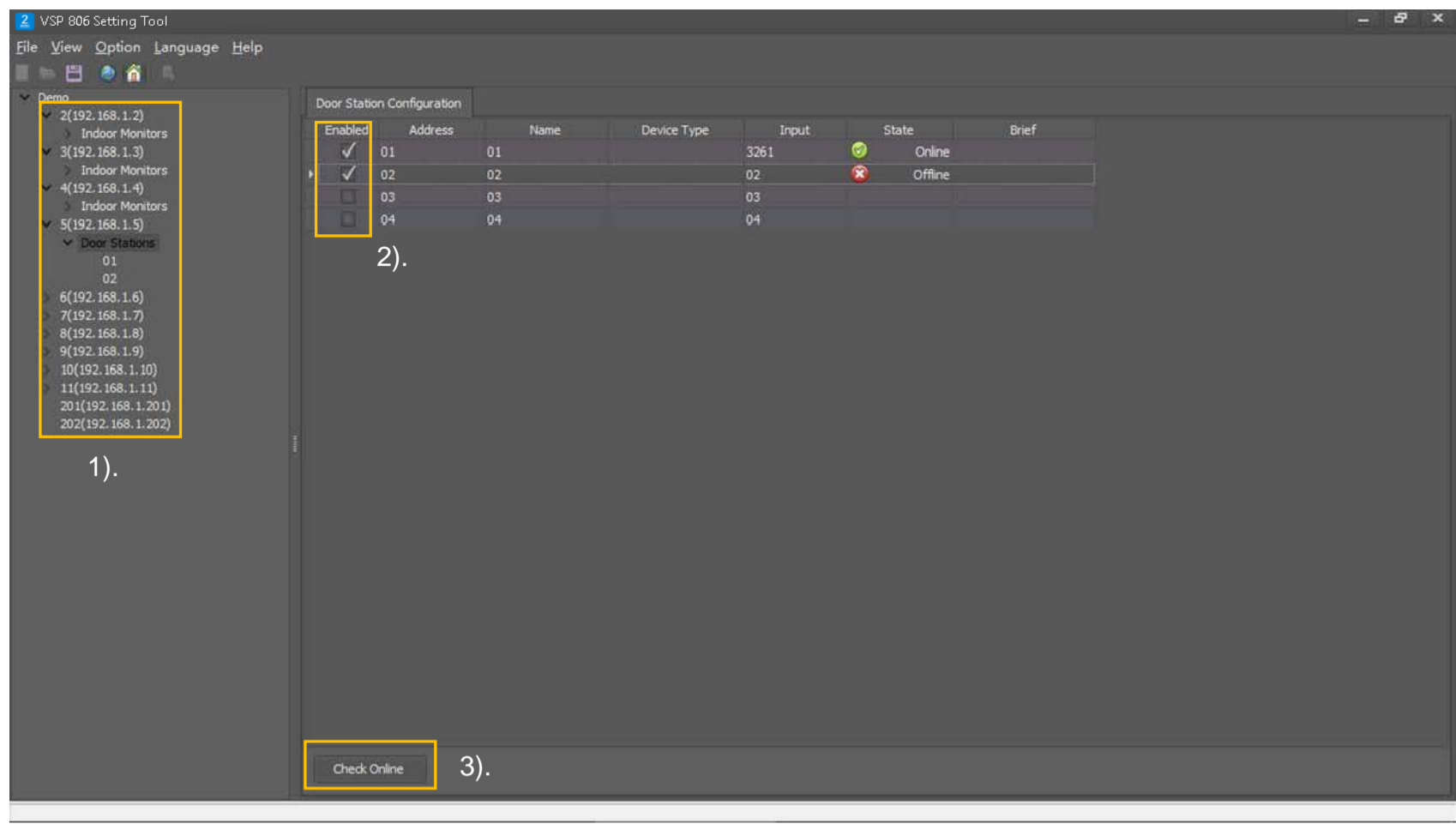
 Offline Means the device is offline or not connected

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 

▼ 5(192.168.1.5)  
    ▼ Door Stations

 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