

ABB welcome PC management
software

Content

New products and features

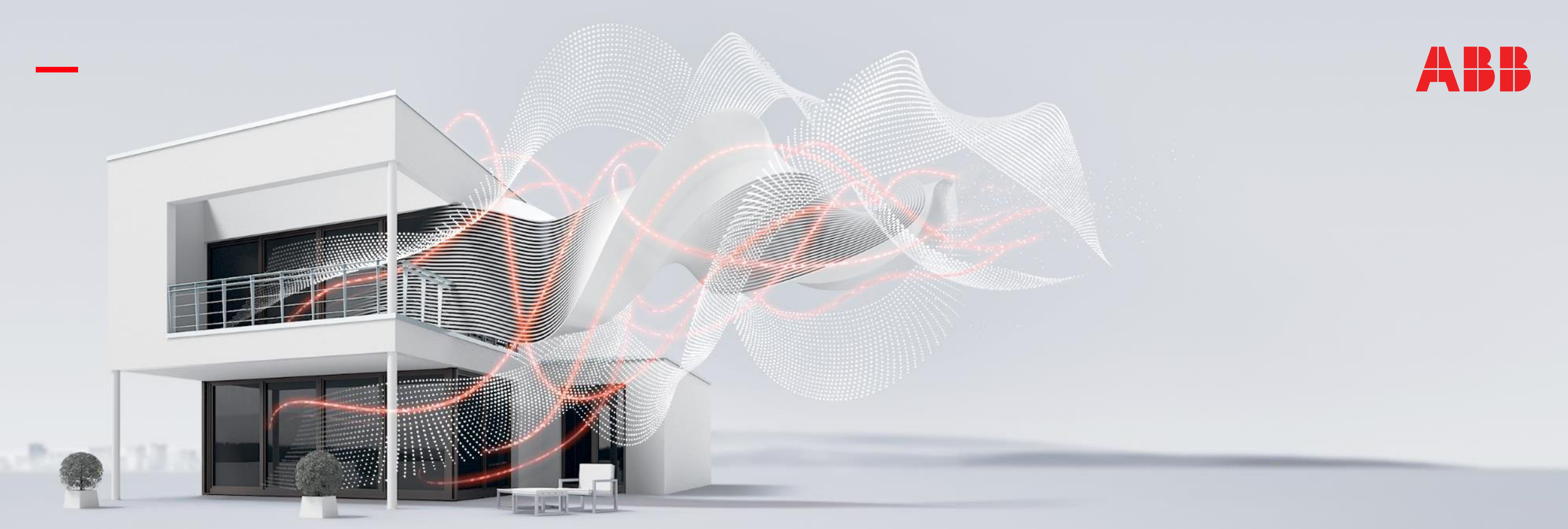
Topology

Affected products

PC IP address setting

Easy introduction of user info configuration

Introduction of PC management software



Key features

Key features

Feature

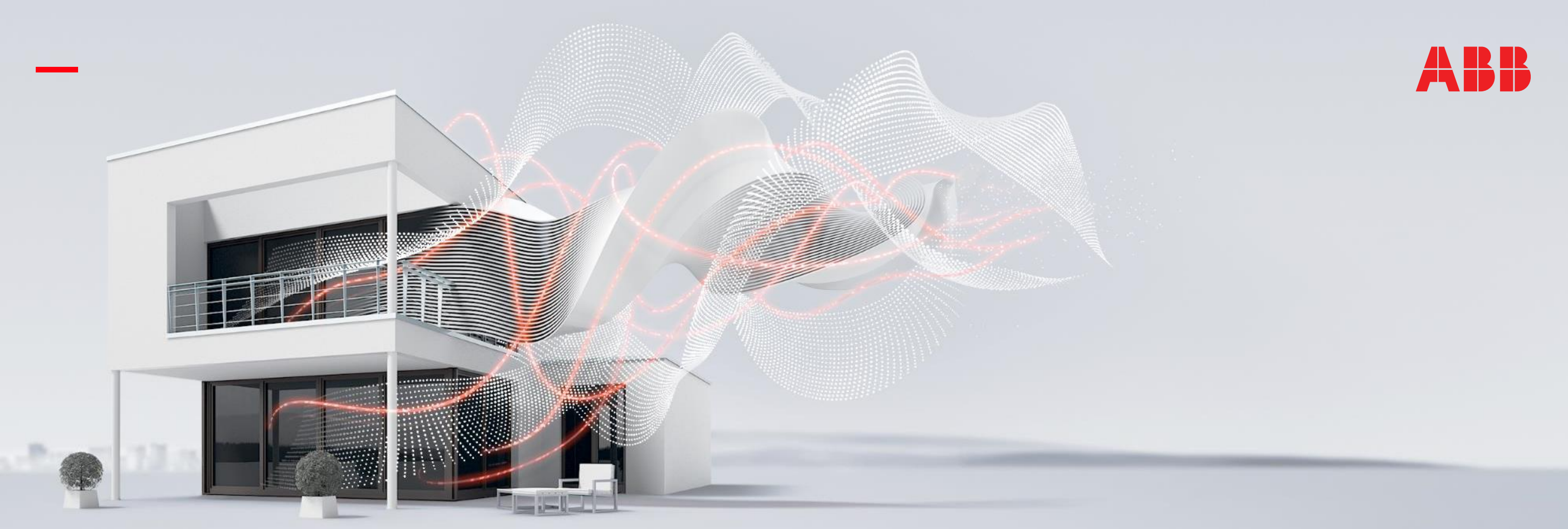
- 2-wire adaptor supports to connect PC with management software into 2-wire DES system
- PC management software supports centralized management of user card no. /user names/ logic addresses, registration/deletion/change.
- PC management software records system logs, e,g unlock log, SOS log.
- PC management software supports to configure lift control modules.



2-wire adaptor
M2308



PC management software

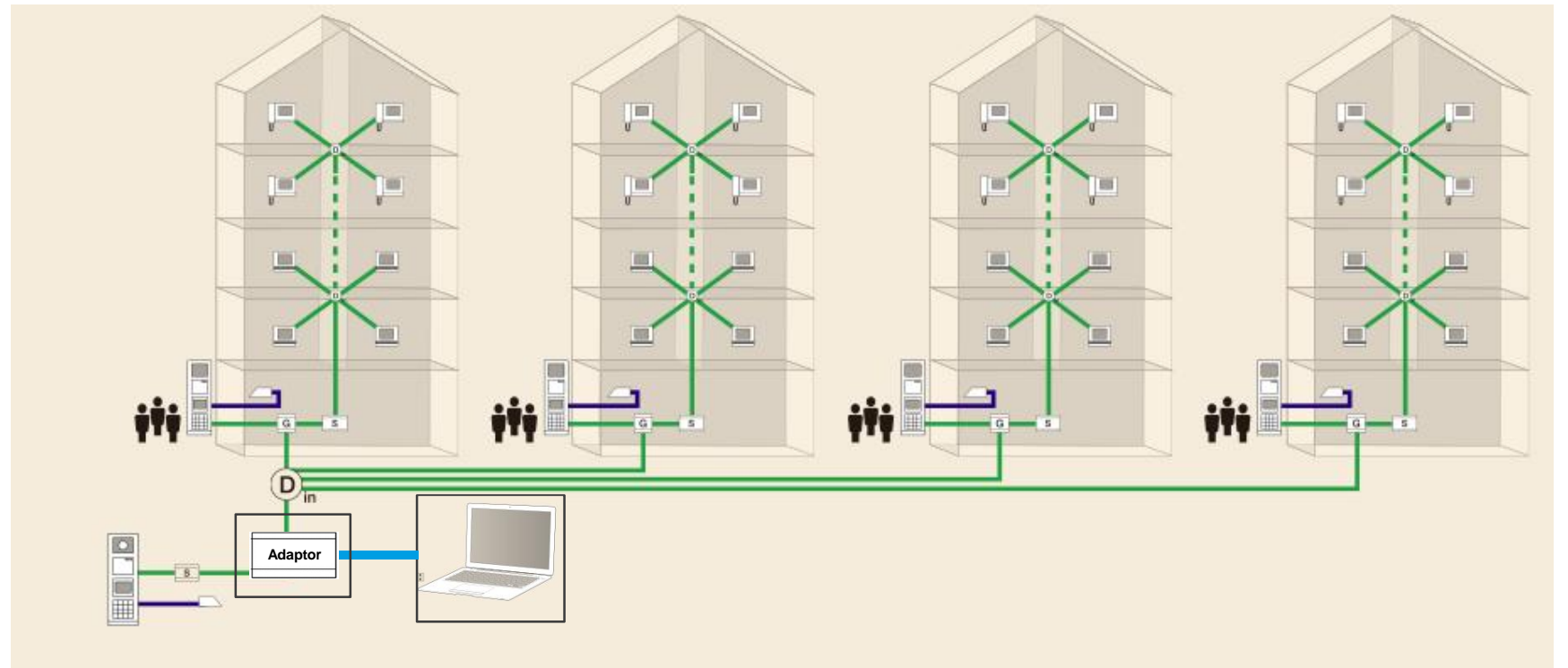


Topology

Topology

PC located in common part, and it can manage all data of this project.

PC locate in common part

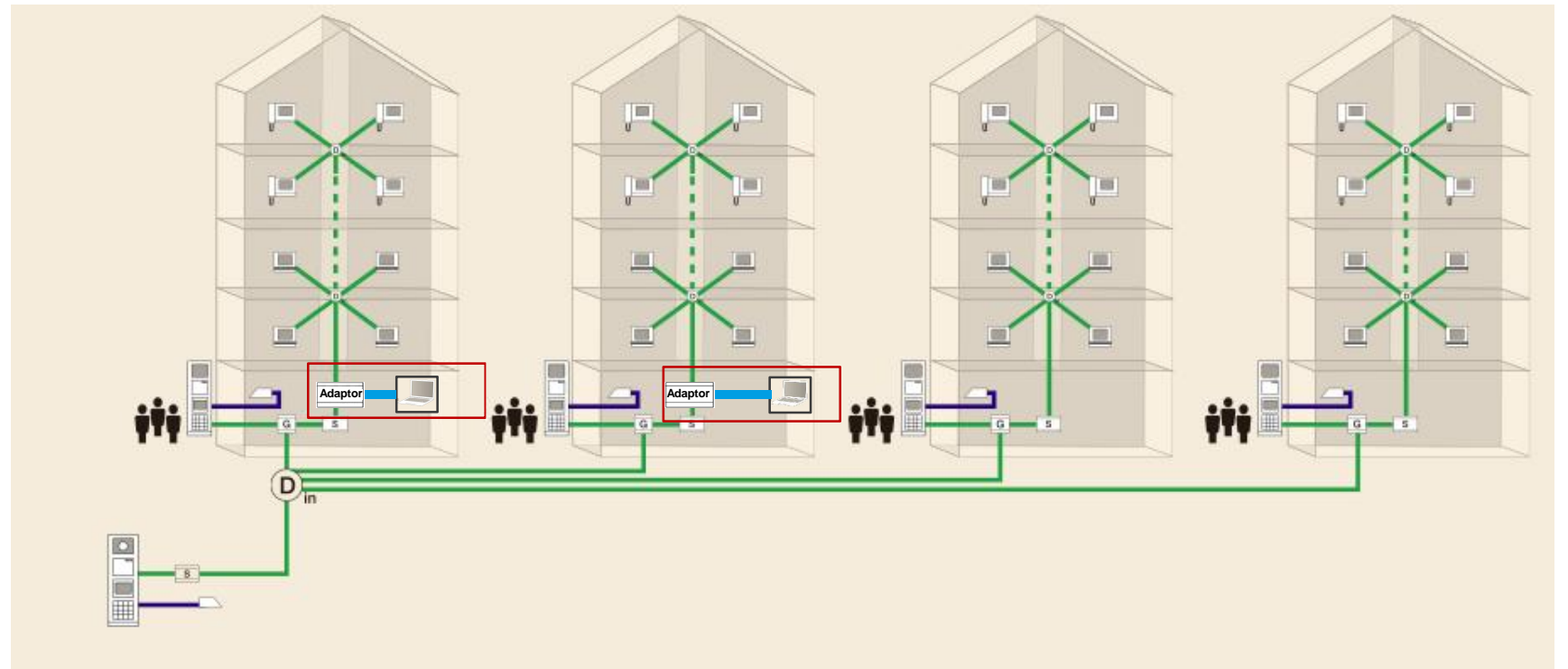


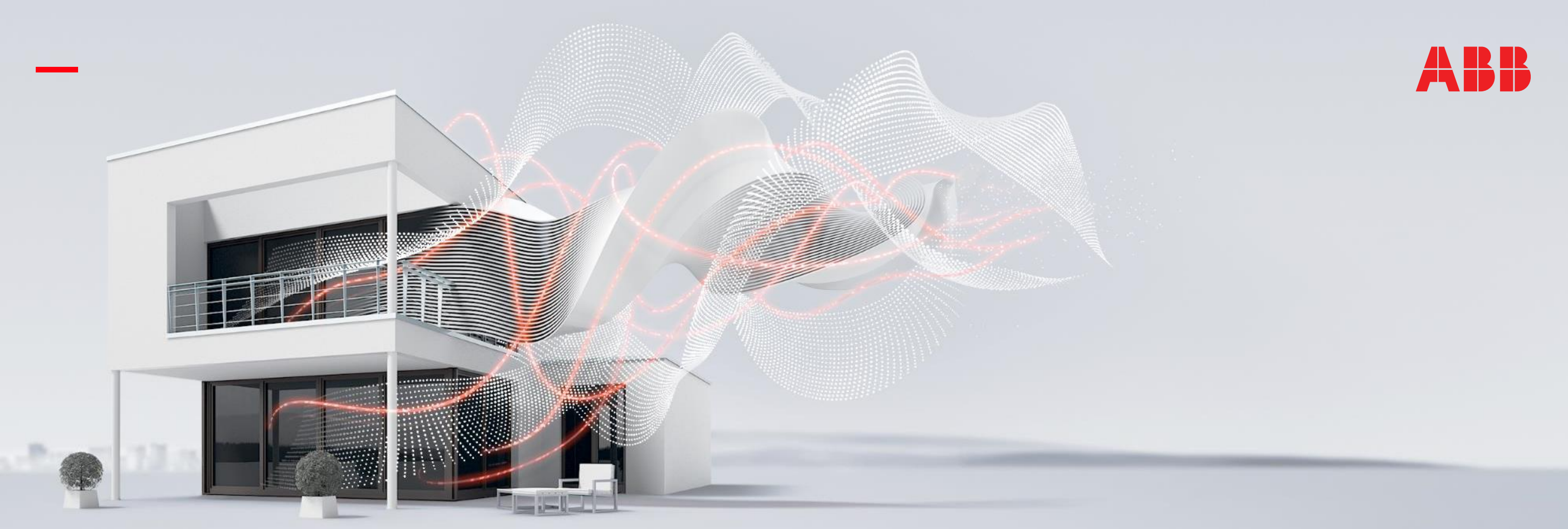
Topology

Topology 2:

PC located inside the building, and it can only manage the data of the each building separately

PC locate inside the building





Affected products

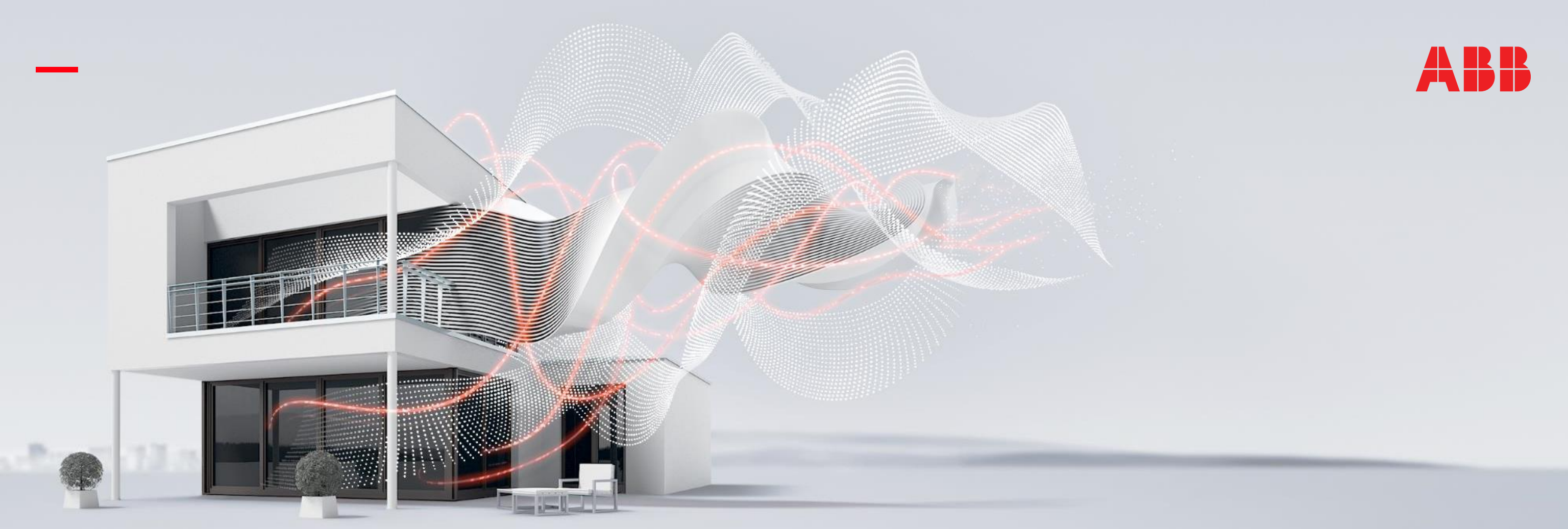
Affected products

Title

	Update device	Remark
1	Audio module	All these 4 devices need to update to latest software, then they can work with PC management software.
2	Display module	
3	Keypad module	
4	Gateway	

Remark:

1. PC software can't support to download user information to NFC pushbutton module & mini OS in Phase 1.



PC IP address setting

PC IP address setting

Setting

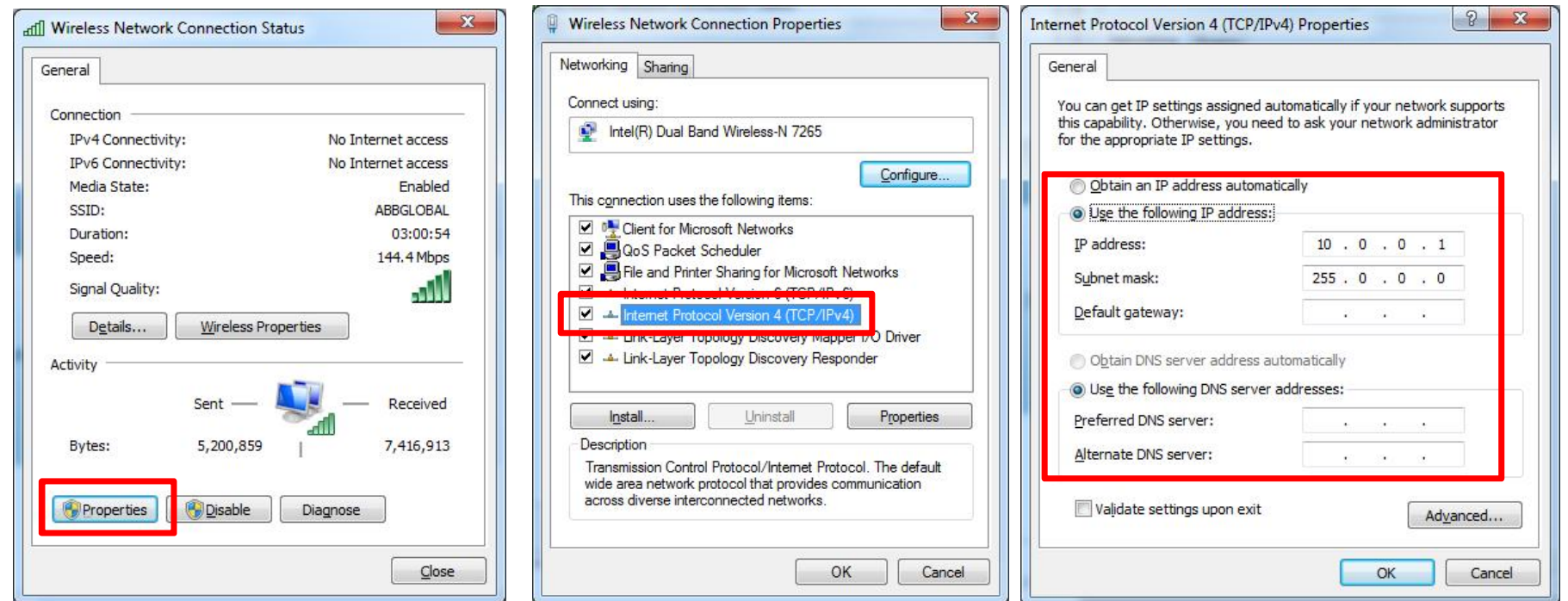
Before start the PC software, PC IP address must set as 10.0.0.1 first

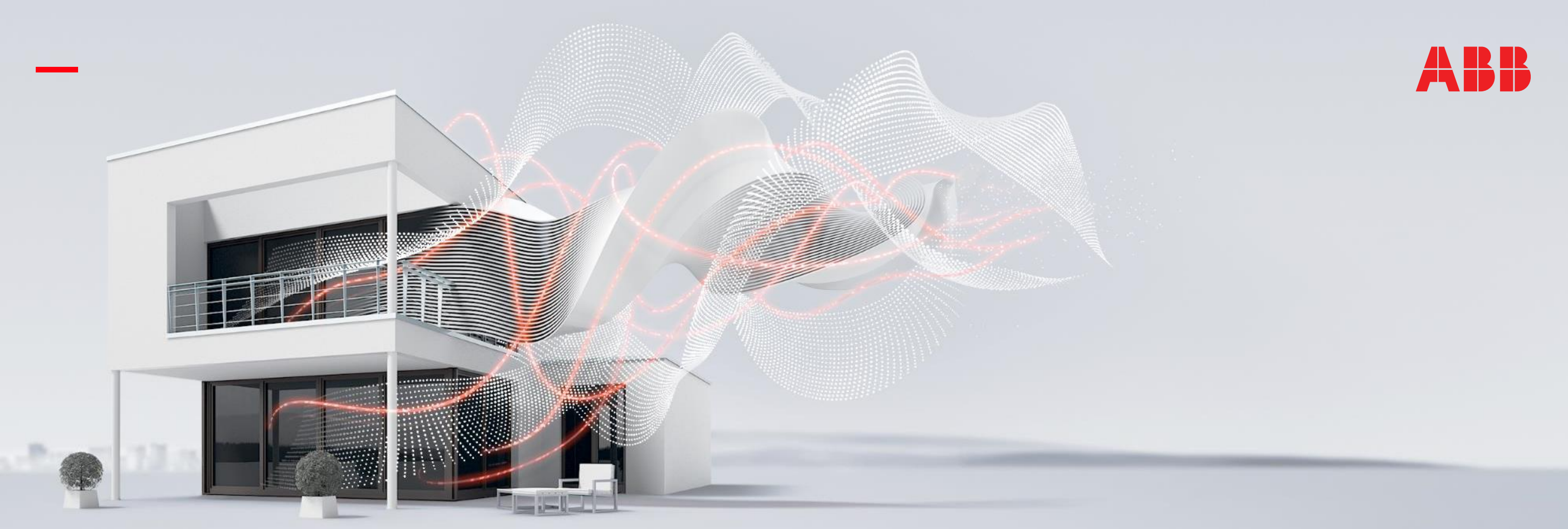
Step 1: Open Network and Sharing Center

Step 2: Click "properties"

Step 3: Click "Internet Protocol Version 4 (TCP/IPv4)"

Step 4: Set the IP address: 10.0.0.1
subnet mask: 255.0.0.0





Easy introduction of user info
configuration

Login

Account

User name: admin

Default password: 123456

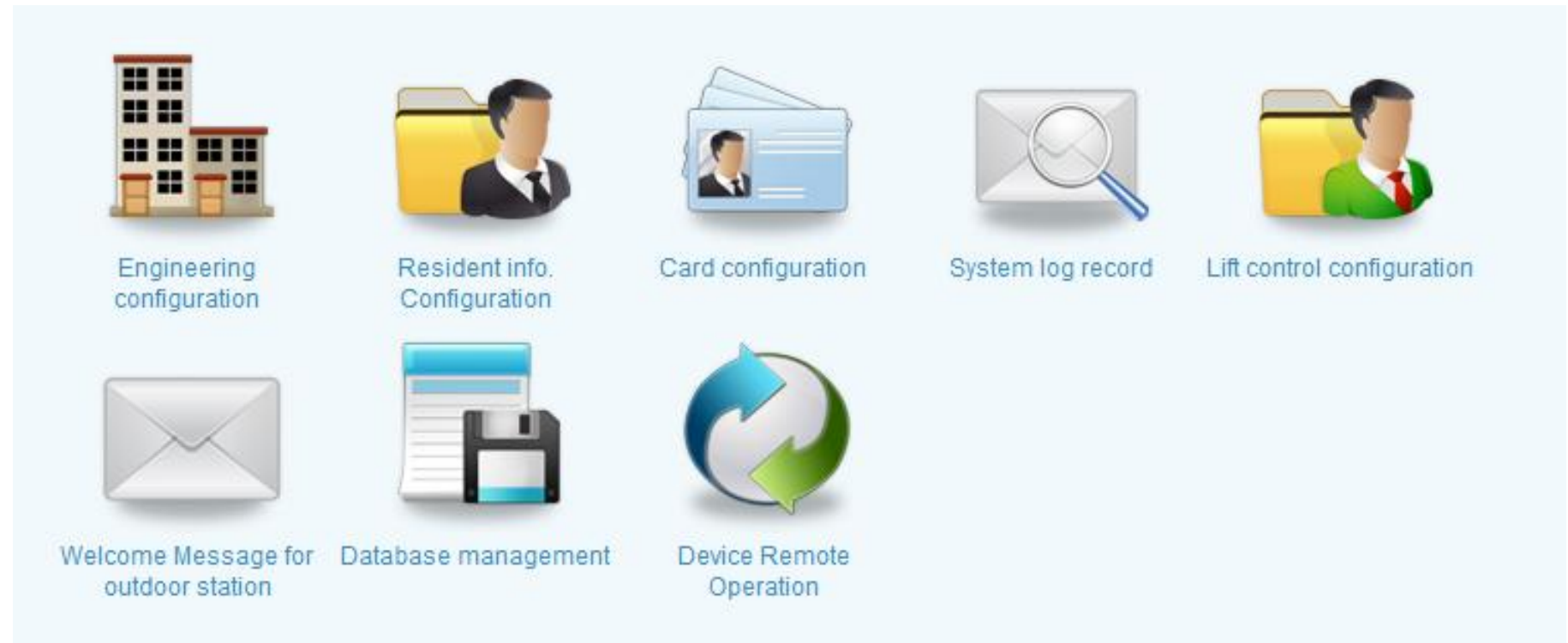


The image shows a screenshot of the ABB login interface. At the top, there is a blue header bar with the ABB logo on the left and the text "ABB Welcome" on the right. Below the header, the login form is displayed on a light blue background. It includes two input fields: "User name:" with the text "admin" entered, and "Password:" with "*****" entered. Below these fields are two buttons: a yellow "Login" button and a green "Cancel" button. At the bottom of the form, there are two checkboxes: "Save password" and "Auto login", both of which are currently unchecked.

Home page & Menu

Menu

1. Engineering configuration
2. Resident information configuration
3. Card configuration
4. System log record
5. Lift control configuration
6. Welcome message for outdoor station
7. Database management
8. Device remote operation



Easy introduction of user info configuration

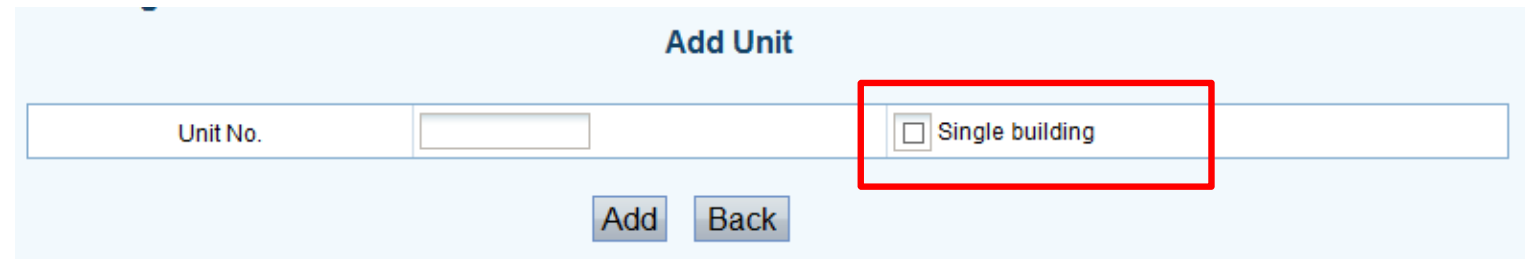
Step 1: Add building unit

Operation:

Engineering configuration → Building unit configuration → Add a building unit (Single building)

*Remark:

If only one single building existing in the project, you can choose single building to add. In this scenario, there is no access to add other units or other network devices, e.g. gate station



The screenshot shows a web interface titled "Add Unit". It contains a form with a "Unit No." label and an input field. To the right of the input field is a checkbox labeled "Single building", which is checked. Below the input field and checkbox are two buttons: "Add" and "Back". A red rectangular box highlights the "Single building" checkbox and its label.

Easy introduction of user info configuration

Step 2: Add outdoor station for each building

Operation:

Engineering configuration → Outdoor station configuration → Add outdoor station

(please follow “combined addressing” rule:
gate station + outdoor station =9)

Outdoor station config

◀◀ The 1 Page/all 1 Page ▶▶ 1 Goto

Unit No.	Outdoor station list	Operate
Unit01	No data	Add outdoor station

Add outdoor station(Unit01)

Device Number

Confirm

Back

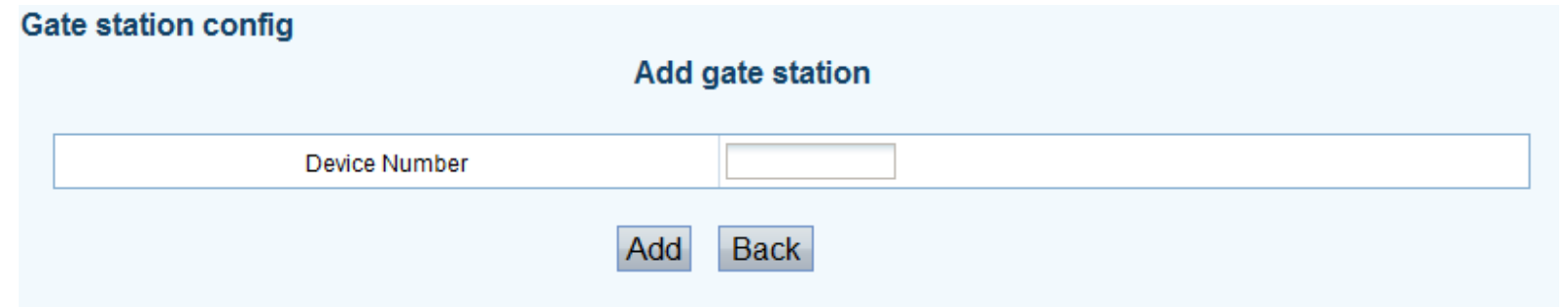
Easy introduction of user info configuration

Step 3: Add gate station (if need)

Operation:

Engineering configuration → Gate station configuration → Add gate station

(please follow “combined addressing” rule:
gate station + outdoor station =9)



The screenshot displays a web-based configuration interface for a gate station. The main heading is 'Gate station config'. Below it, there is a sub-heading 'Add gate station'. A text input field is labeled 'Device Number'. To the right of the input field are two buttons: 'Add' and 'Back'.

Easy introduction of user info configuration

Step 4: Add guard unit (if need)

Operation:

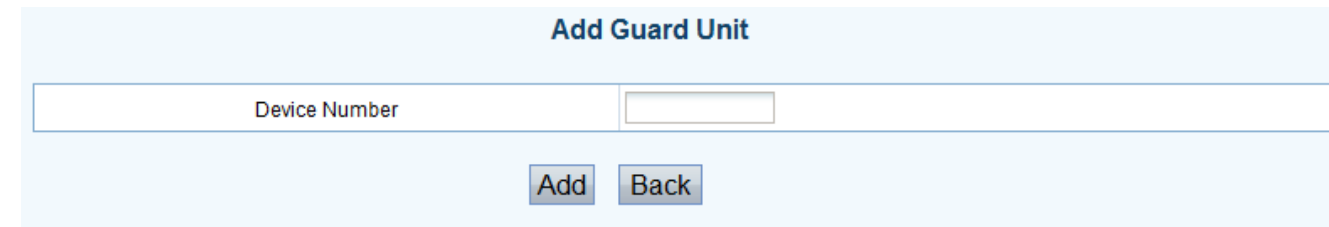
Engineering configuration → Network guard unit configuration/Building guard unit → Add guard unit

(for each building, indoor station physical add: 1-9)

*Remark:

Network guard unit: guard unit is located in network

Building guard unit: guard unit is located inside each building



The screenshot shows a web interface for adding a guard unit. The title bar is light blue and contains the text 'Add Guard Unit'. Below this, there is a form with a label 'Device Number' and an empty input field. At the bottom of the form, there are two buttons: 'Add' and 'Back'.

Easy introduction of user info configuration

Step 5: Add indoor station and download data

Option 1: add indoor station from file and register to the device (outdoor station/gate station/guard unit)

Operation:

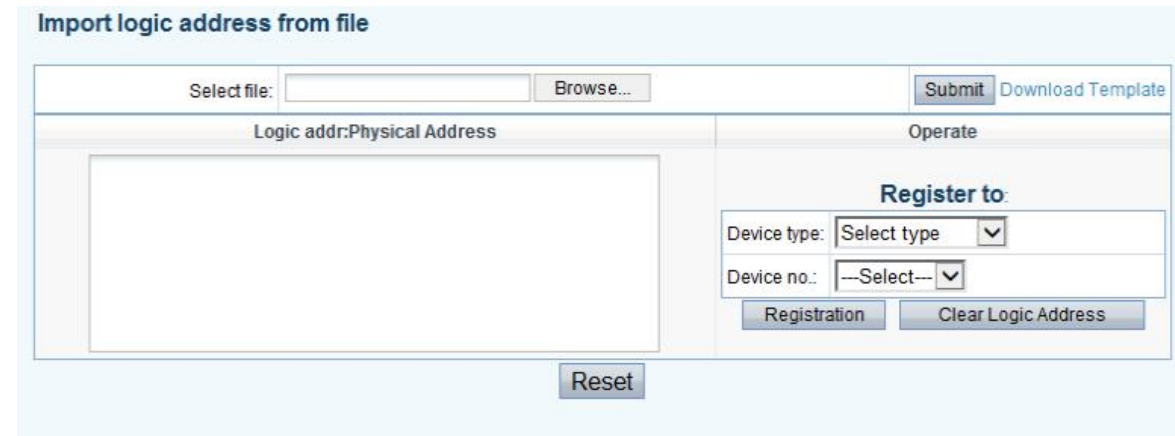
Import logic address:

Resident info. configuration → Import logic address from file → Register to the outdoor stations

Import user name:

Resident info. configuration → Import user name from file → Register to the outdoor stations

*Remark: Document template can be downloaded here.

The screenshot shows a web interface titled "Import logic address from file". At the top, there is a "Select file:" text box followed by a "Browse..." button. To the right are "Submit" and "Download Template" buttons. Below this is a table with two columns: "Logic addr:Physical Address" and "Operate". The "Logic addr:Physical Address" column contains a large empty text area. The "Operate" column contains a "Register to:" section with two dropdown menus: "Device type:" (with "Select type" as the current selection) and "Device no.:" (with "---Select---" as the current selection). Below these dropdowns are "Registration" and "Clear Logic Address" buttons. A "Reset" button is located at the bottom center of the interface.

Import logic address

This is an identical screenshot of the web interface shown above, titled "Import logic address from file". It features the same layout: "Select file:" with "Browse...", "Submit", and "Download Template" buttons; a table with "Logic addr:Physical Address" and "Operate" columns; a large text area in the first column; and a "Register to:" section in the second column with "Device type:" and "Device no.:" dropdowns, "Registration" and "Clear Logic Address" buttons, and a "Reset" button at the bottom.

Import user name

Easy introduction of user info configuration

Step 5: Add indoor station and download data

Option 2: add indoor station one by one, and download the data to devices

Operation:

Resident info. configuration → Indoor station configuration → Add one indoor station → Download logic address/Download username (for each building, indoor station physical add: 1-250)

Indoor station config

⏪ ⏩ The 1 Page/all 1 Page ⏪ ⏩

Goto

Unit No.	Operate
Unit01	Review indoor station Add one indoor station Download logic address Download username

Add one indoor station(Unit01)

Physical Addr:

[Review indoor station](#)

Username:

Logic Address:

Confirm

Back

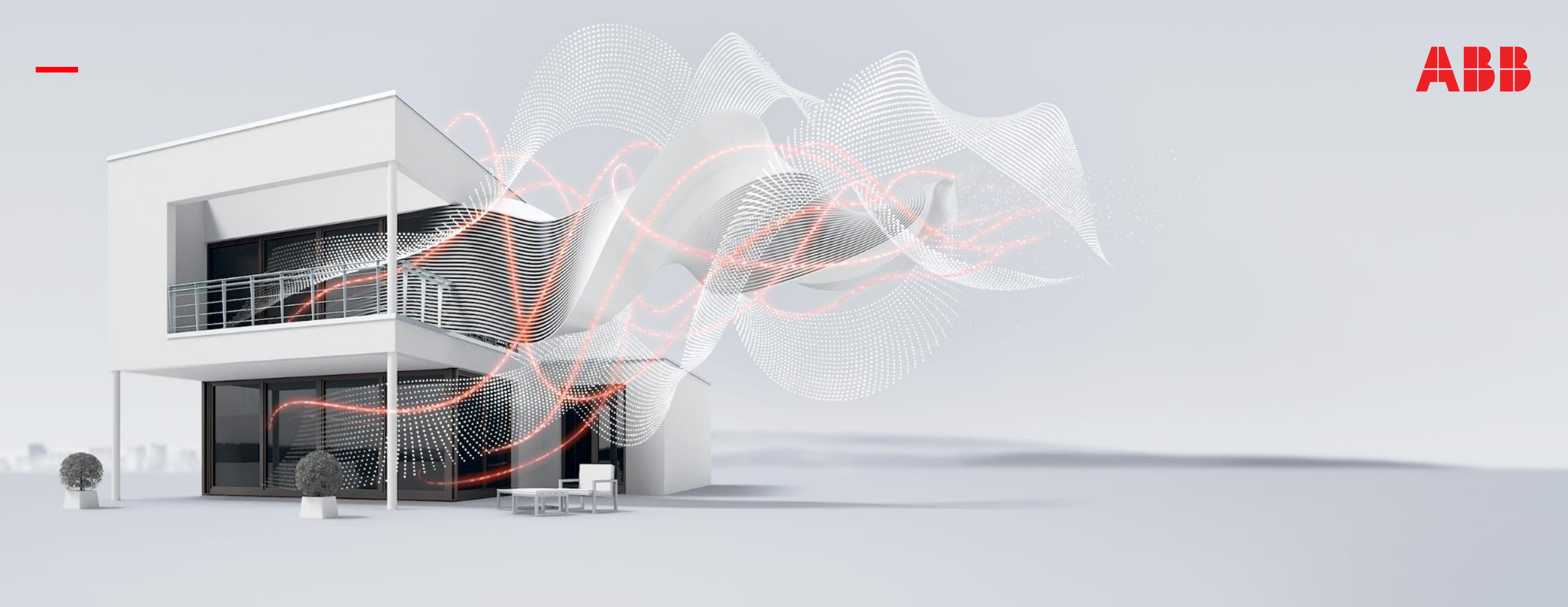
Download logic address

Device type:

Device no.:

Confirm

Back



Introduction of PC management software

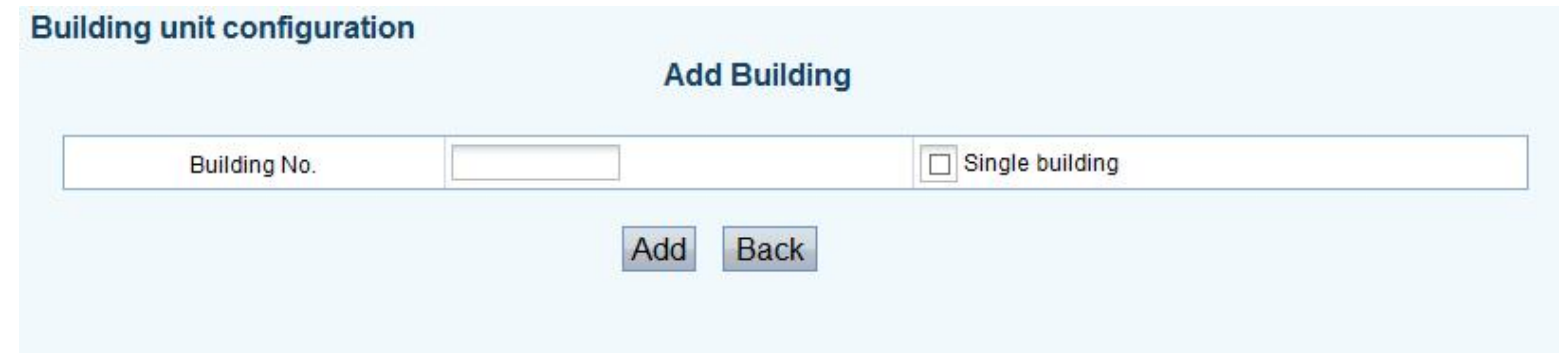
Engineering configuration

Building unit configuration

- Maximum 60 buildings can be added
- If PC software only manages one building, then click “single building” to add user information.

*Remark:

If configuring a single building, there is no access to add other units or other network devices, e.g. gate station



The screenshot shows a light blue dialog box titled "Building unit configuration". Inside the dialog, there is a header area with the title on the left and a button labeled "Add Building" on the right. Below the header, there is a form with a label "Building No." followed by a text input field. To the right of the input field is a checkbox labeled "Single building". At the bottom of the form, there are two buttons: "Add" and "Back".

Engineering configuration

Gate station config

Maximum 9 gate stations can be added (please follow “combined addressing” rule: gate station + outdoor station =9)

Gate station config

Add gate station

Device Number

Add

Back

Engineering configuration

Outdoor station config

- Manage outdoor station for each building
- Maximum 9 outdoor stations can be added (please follow “combined addressing” rule: gate station + outdoor station =9)

Outdoor station config

◀◀ The 1 Page/all 1 Page ▶▶ 1 Goto

Building No.	Outdoor station list	Operate
Building01	Outdoor station01-2 Delete	Add outdoor station
Building02	Outdoor station02-2 Delete	Add outdoor station
Building03	Outdoor station03-2 Delete	Add outdoor station
Building04	Outdoor station04-2 Delete	Add outdoor station
Building05	Outdoor station05-2 Delete	Add outdoor station

Engineering configuration

Building Guard Unit config

- Manage guard unit for each building
- Maximum 9 guard units can be added

Guard Unit Configuration

Add Guard Unit

Device Number

Engineering configuration

Network Guard Unit config

- Manage guard unit in common part
- Maximum 9 guard units can be added

Guard Unit Configuration

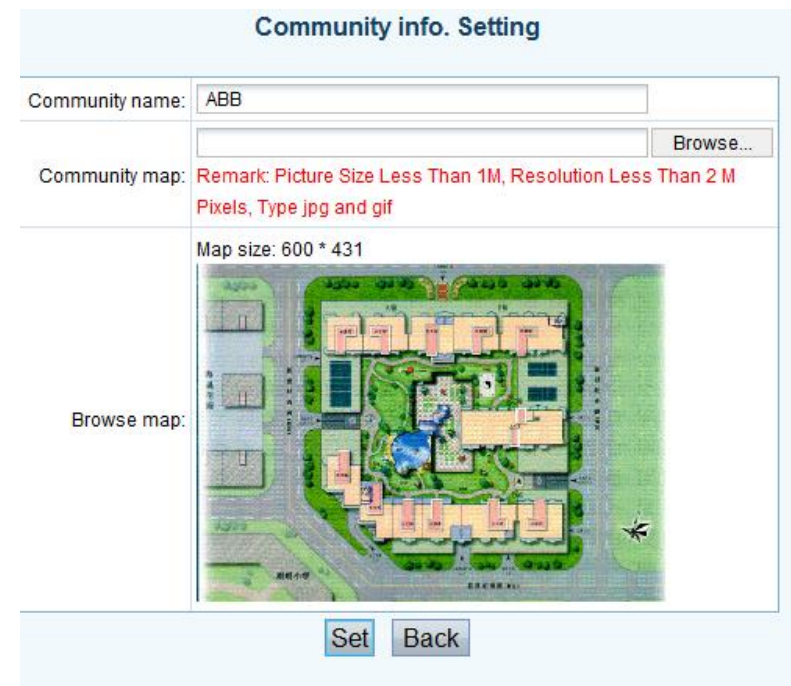
Add Guard Unit

Device Number

Engineering configuration

Community information and positioning

- Upload the community map to software
- Locate each building into correct position
- After setting, alarm notification can pop up in the correct position



Resident information configuration

Indoor station configuration

Manage user information for each building

- Add one apartment: add physical address(maximum 250 physical address for each building)/logic address/ user name for each apartment inside this building
- Download logic address: download all logic address inside this building to outdoor station, gate station or guard unit, which have been configured first
- Download user name: download all user names inside this building to outdoor station, gate station or guard unit, which have been configured first
- Review apartments: review all user info inside this building

Indoor station config

« « The 1 Page/all 1 Page » » 1 Goto

Building No.	Operate			
Building01	Review indoor station	Add one indoor station	Download logic address	Download username
Building02	Review indoor station	Add one indoor station	Download logic address	Download username
Building03	Review indoor station	Add one indoor station	Download logic address	Download username
Building04	Review indoor station	Add one indoor station	Download logic address	Download username
Building05	Review indoor station	Add one indoor station	Download logic address	Download username

Add one indoor station(Building01)

Physical Addr: Review indoor station

Username:

Logic Address:

Confirm Back

Add a new user

Building01 Indoor station list

« « The 1 Page/all 1 Page » » 1 Goto

Physical Address	Logic Address	Username	Operate
01-001	00000101	user 1	Delete
01-002	00000102	user 2	Delete
01-003	00000201	user 3	Delete
01-004	00000202	user 4	Delete

Review all users

Resident information configuration

Import user name/logic address from file

- User name & logic address can be uploaded by file directly, meanwhile, the data can be register to outdoor station, gate station or guard unit, which have been configured first

*Remark: you can first download the document template

The image displays two screenshots of the ABB configuration interface, specifically the 'Import user name from file' and 'Import logic address from file' sections.

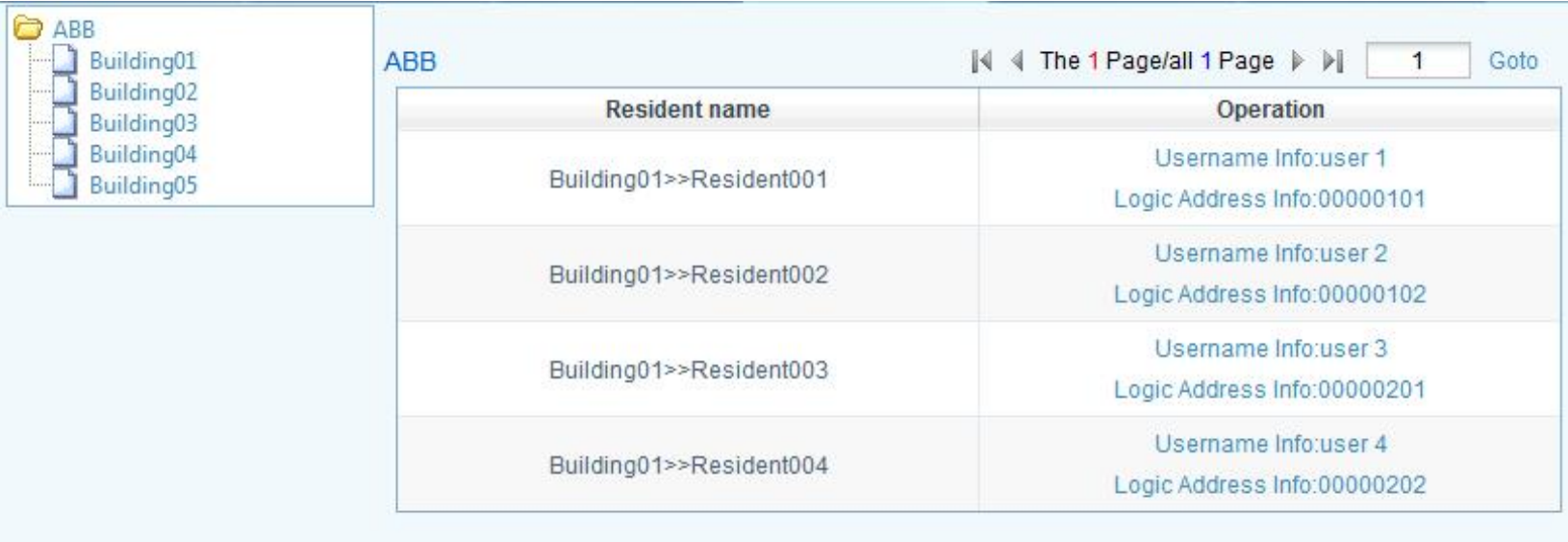
Import user name from file: This section features a 'Select file:' input field with a 'Browse...' button. To the right are 'Submit' and 'Download Template' buttons. Below this is a table with two columns: 'Username:Physical Address' and 'Operate'. The 'Operate' column contains a 'Register to:' section with 'Device type:' (a dropdown menu showing 'Select type') and 'Device no.:' (a dropdown menu showing '--Select--'). Below these are 'Registration' and 'Clear Username' buttons. A 'Reset' button is located at the bottom center of the section.

Import logic address from file: This section is similar to the one above, with a 'Select file:' input field, 'Browse...' button, 'Submit' button, and 'Download Template' button. The table has columns for 'Logic addr:Physical Address' and 'Operate'. The 'Operate' column contains a 'Register to:' section with 'Device type:' (a dropdown menu showing 'Select type') and 'Device no.:' (a dropdown menu showing '--Select--'). Below these are 'Registration' and 'Clear Logic Address' buttons. A 'Reset' button is located at the bottom center of the section.

Resident information configuration

Resident information management

- Overview all indoor stations information of all buildings
- Check the registration status of each user name/ logic address on OS/GS/GU
- Deactivate user name/logic address from OS/GS/GU



Resident name	Operation
Building01>>Resident001	Username Info:user 1 Logic Address Info:00000101
Building01>>Resident002	Username Info:user 2 Logic Address Info:00000102
Building01>>Resident003	Username Info:user 3 Logic Address Info:00000201
Building01>>Resident004	Username Info:user 4 Logic Address Info:00000202

Resident information configuration

Read user name/logic address

- Read user name/logic address from the installed devices, e.g. outdoor station/gate station/ guard unit

Read user name

Device type:	Select type ▼
Device no.:	---Select--- ▼

Read Check Back

Read logic address

Device type:	Select type ▼
Device no.:	---Select--- ▼

Read Check Back

Card configuration

Register card one by one

- Card can be registered through card writer
- The registered card can be downloaded into OS/GS
- ABB also provide card writer

Register card one by one

Card registrator:	<input type="text"/>	<input type="button" value="Open"/>	<input type="button" value="Close"/>
Card no.:	<input type="text"/>	<input type="button" value="Registration"/>	
Physical Address:	<input type="text"/>	<input type="checkbox"/> Is Admin	
Device list:	Hide		
	<input type="checkbox"/> Outdoor station <input type="checkbox"/> 01-2 <input type="checkbox"/> 02-2 <input type="checkbox"/> 03-2 <input type="checkbox"/> 04-2 <input type="checkbox"/> 05-2		



ID card writer: G4823D
IC card writer: G4823C

Card configuration

Import card no. from file

Card list can be uploaded from file directly, meanwhile, the data can be register to OS/GS

*Remark: you can first download the document template

The screenshot shows a web interface titled "Import card no. from file". At the top, there is a "Select file:" label followed by a text input field and a "Browse..." button. To the right of these are a "Submit" button and a "Download Template" link. Below this is a table with two columns: "Card:Physical Address" and "Operate". The "Card:Physical Address" column contains a large, empty rectangular box. The "Operate" column contains a "Register to:" section with two dropdown menus: "Device type:" with the text "Select type" and a downward arrow, and "Device no.:" with the text "---Select---" and a downward arrow. Below these dropdowns are two buttons: "Registration" and "Clear the card". At the bottom center of the interface is a "Reset" button.

Card configuration

Card list management

Manage all card:

- Search card through card no.
- Register the card to the OS/GS
- Deactivate the card from OS/GS

Card list management

Card no.

Search

Export

« « The 1 Page/all 1 Page » » 1 Goto

<input type="checkbox"/>	Card no.	Physcial Address	Operator	Operate
<input type="checkbox"/>	0012345678	00001	admin	Registration data Deactivate Delete

Card configuration

Read card

- Read card no. from the installed devices, e.g. outdoor station/gate station

Read card

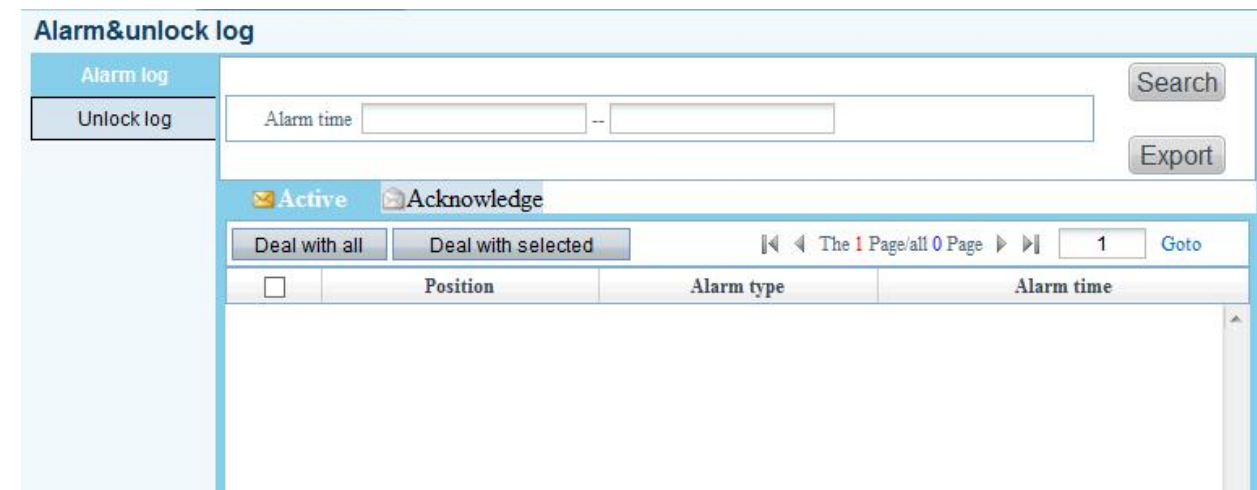
Device type:	Select type ▼
Device no.:	---Select--- ▼

Read Check Back

System log record

Alarm & unlock log

- Record alarm log, show position/alarm type/alarm time
- Record unlock log, show who open the door, which lock is activated, and unlock time
- All logs can be exported



The screenshot shows a web interface titled "Alarm&unlock log". On the left, there is a sidebar with two buttons: "Alarm log" (highlighted in blue) and "Unlock log". The main area contains a search bar with the label "Alarm time" and a range selector "--". To the right of the search bar are "Search" and "Export" buttons. Below the search bar, there are two tabs: "Active" (with an envelope icon) and "Acknowledge" (with a checkmark icon). Under the "Active" tab, there are two buttons: "Deal with all" and "Deal with selected". To the right of these buttons is a pagination control showing "The 1 Page/all 0 Page" and a "Goto" button. Below the pagination control is a table header with columns: "Position", "Alarm type", and "Alarm time". The table body is currently empty.

System log record

Pop up alarm log

- Alarm notification pops up if each unit has been positioned correctly in community map in “Engineering configuration”



System log record

Log deletion

Manage log history :

- Search log history
- Delete log history if necessary

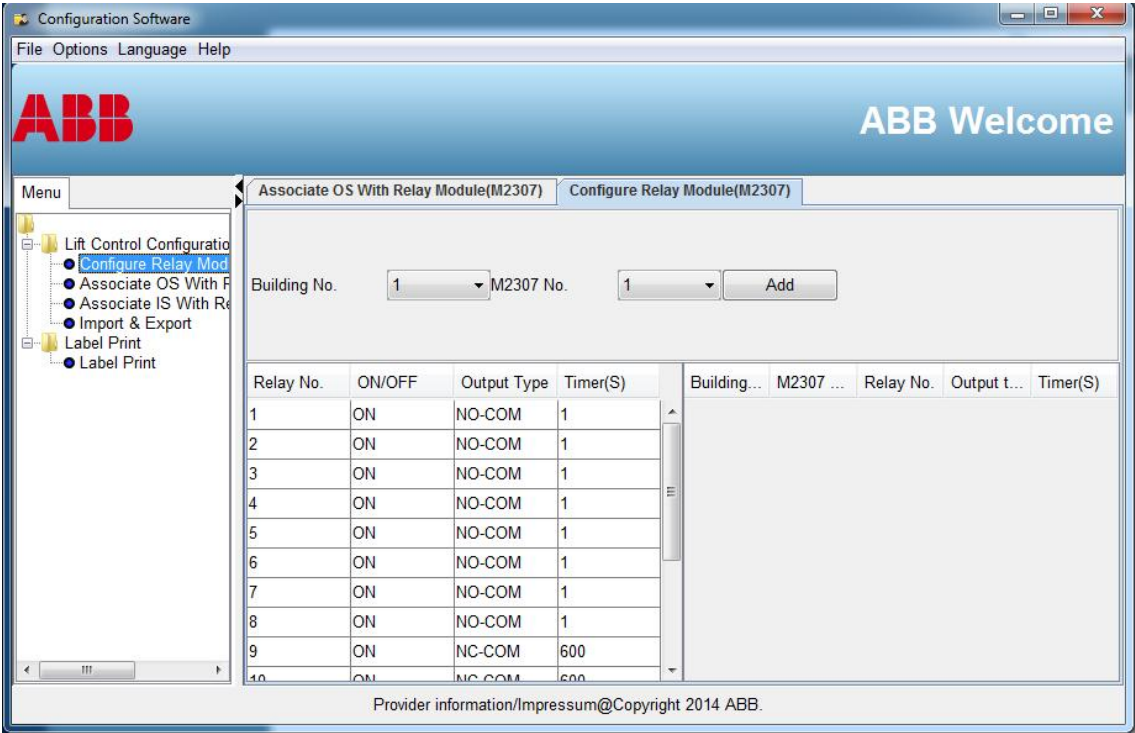
The screenshot shows a web interface titled "Log deletion". On the left, there is a sidebar with two buttons: "Alarm log" (highlighted in blue) and "Unlock log". The main area contains a search bar with the label "Alarm time" and a "Search" button. Below the search bar are two buttons: "Delete all" and "Delete selected". To the right of these buttons is a pagination control showing "The 1 Page/all 0 Page" and a "Goto" button. Below the pagination is a table with the following headers: a checkbox, "Position", "Alarm type", and "Alarm time". The table is currently empty.

<input type="checkbox"/>	Position	Alarm type	Alarm time
--------------------------	----------	------------	------------

Lift control configuration

Lift control module configuration


- Share the same configuration as previous PC configuration software
- Configure relay module (M2307)
- Associate OS with relay module
- Associate IS with relay module



Welcome message for outdoor station

Welcome message

- Create welcome message
- Send message to each OS/GS
- Maximum character is 64

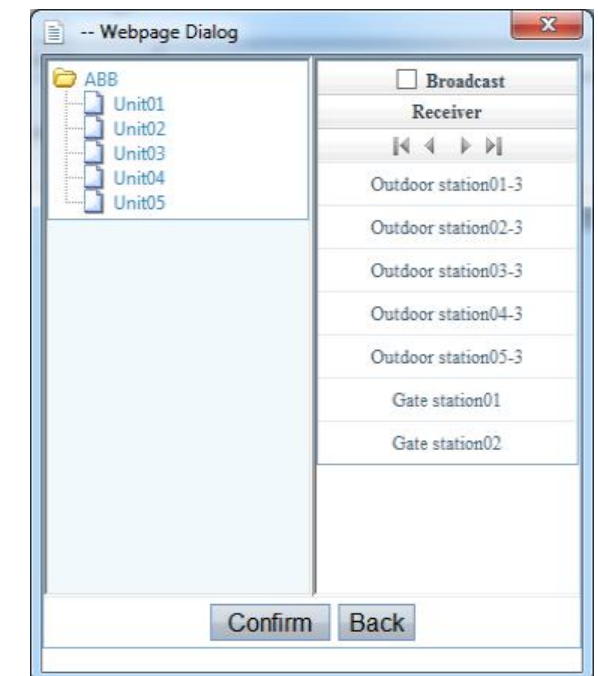


The 'Welcome Message' window contains a table with two rows: 'Receiver' and 'Content'. The 'Receiver' row has a text input field and a 'Select' button. The 'Content' row has a large text input field containing 'ABB Welcome'. Below the input fields, a status bar indicates 'Maximum letters 64 , Enter 11 ,Remaining letters 53'. At the bottom of the window are 'Submit' and 'Reset' buttons.

Receiver	
	<input type="text"/> Select
Content	<input type="text" value="ABB Welcome"/>

Maximum letters 64 , Enter 11 ,Remaining letters 53

Submit Reset



The 'Webpage Dialog' window features a tree view on the left with 'ABB' as the root and sub-items 'Unit01', 'Unit02', 'Unit03', 'Unit04', and 'Unit05'. On the right, there is a 'Broadcast' checkbox, a 'Receiver' section with navigation arrows, and a list of stations: 'Outdoor station01-3', 'Outdoor station02-3', 'Outdoor station03-3', 'Outdoor station04-3', 'Outdoor station05-3', 'Gate station01', and 'Gate station02'. At the bottom are 'Confirm' and 'Back' buttons.

-- Webpage Dialog

☐ Broadcast

Receiver

Outdoor station01-3

Outdoor station02-3

Outdoor station03-3

Outdoor station04-3

Outdoor station05-3

Gate station01

Gate station02

Confirm Back

Database management

Database back & restore

- Database can be backup and restored

Database bac...

Database rest...

Database backup

Explanation:
Every backup will backup instantly, the length of backup depends on the database size, pls. waiting

Backup current database

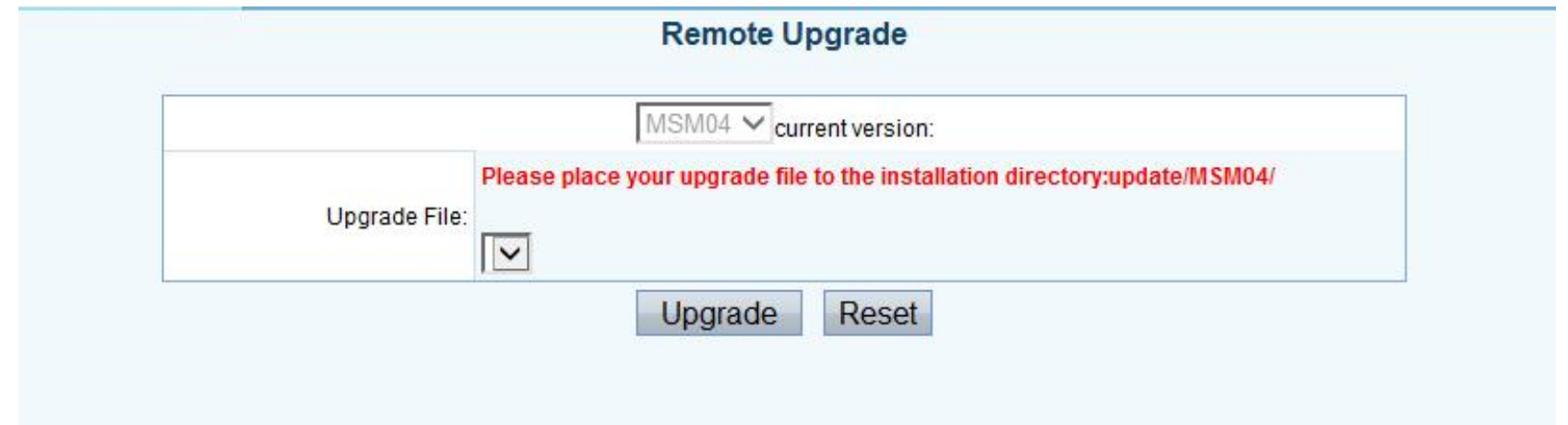
Backup list

Restore directory	Backup time	File size
C:/backup/abb_genway_logout_2017-03-28_15-45-42.sql	2017-03-28 15:45:46	368KB
C:/backup/abb_genway_logout_2017-03-28_15-36-33.sql	2017-03-28 15:36:38	366KB
C:/backup/abb_genway_logout_2017-03-28_11-02-32.sql	2017-03-28 11:02:38	366KB
C:/backup/abb_genway_logout_2017-03-24_09-45-41.sql	2017-03-24 09:45:46	366KB
C:/backup/abb_genway_logout_2017-03-23_14-01-11.sql	2017-03-23 14:01:16	366KB
C:/backup/abb_genway_logout_2017-02-22_14-13-57.sql	2017-02-22 14:14:01	368KB
C:/backup/abb_genway_logout_2017-01-12_14-53-37.sql	2017-01-12 14:53:56	367KB
C:/backup/abb_genway_logout_2017-01-12_13-46-05.sql	2017-01-12 13:46:10	365KB
C:/backup/abb_genway_logout_2017-01-12_13-44-23.sql	2017-01-12 13:44:28	365KB
C:/backup/abb_genway_logout_2017-01-12_13-09-51.sql	2017-01-12 13:09:56	364KB
C:/backup/abb_genway_logout_2017-01-11_18-23-59.sql	2017-01-11 18:24:03	363KB
C:/backup/abb_genway_logout_2017-01-11_18-22-26.sql	2017-01-11 18:22:31	363KB

Device remote operation

Remote upgrade

- Remote upgrade the software of 2-wire adaptor



The screenshot shows a web interface titled "Remote Upgrade". It features a dropdown menu currently set to "MSM04" with the text "current version:" to its right. Below this, a red instruction message reads: "Please place your upgrade file to the installation directory:update/MSM04/". Underneath the message is a label "Upgrade File:" followed by a small square button containing a downward arrow. At the bottom of the interface are two buttons: "Upgrade" and "Reset".



ABAB