



# **Setting File Creation Software for Smart device control interface**

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# 1 Overview

“Setting File Creation Software for Smart device control interface” creates a setting file to be used for the Smart device control interface.

The created data file is uploaded to each system by using upload function.

# 2 System requirements

The following shows the ideal system requirements for this software.

Item	Specifications
OS	Windows 7, Windows 8.1, Windows 10
Office System	Office 2007, Office 2010, Office 2013

The following runtime library is required:

- Microsoft® .NET Framework 2.0 SP2
- “Windows 7”, “Windows 8.1”, “Windows 10” and “Microsoft office” are either registered trademarks or trademarks of Microsoft Corporation in the United States and / or other countries.
- Adobe, the Adobe logo, Reader, and Acrobat are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and / or other countries.
- InstallShield is either a registered trademark or trademark of Flexera Software Inc. in the United States and / or other countries.
- All other company and product names are either registered trademarks or trademarks of the respective owners. In this manual such names are not indicated by ™, ® or © marks.

# 3 Before creating setting files

To use Smart device control interface, the following environment must be prepared.

1. **A tablet or smartphone**
2. **A wireless router<sup>1</sup>**
3. **A modem (if using over the Internet)**

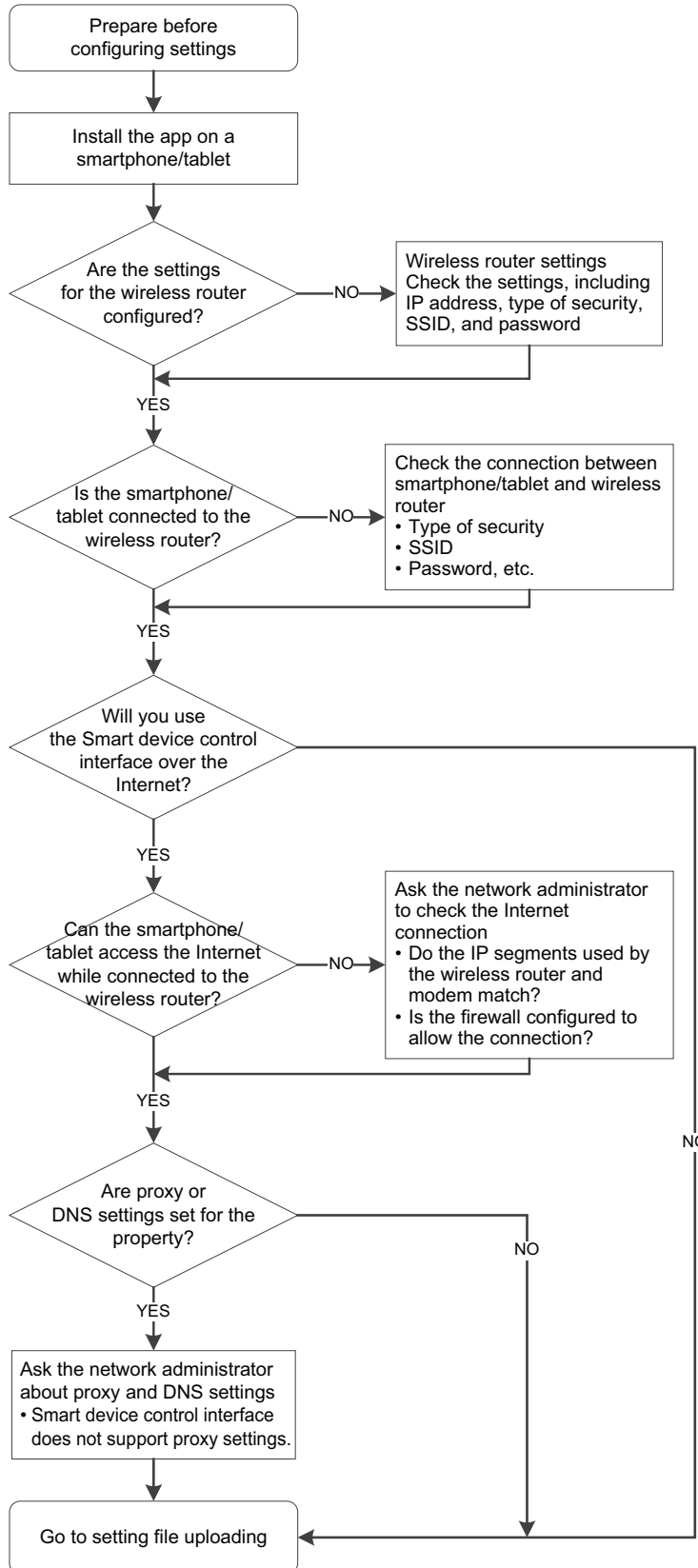
<sup>1</sup> If using over the Internet, a router with the following capabilities is needed.

- i) IP Masquerade function
  - ii) DHCP function (specifiable range)
- Or, a static IP can be assigned to Smart device control interface.

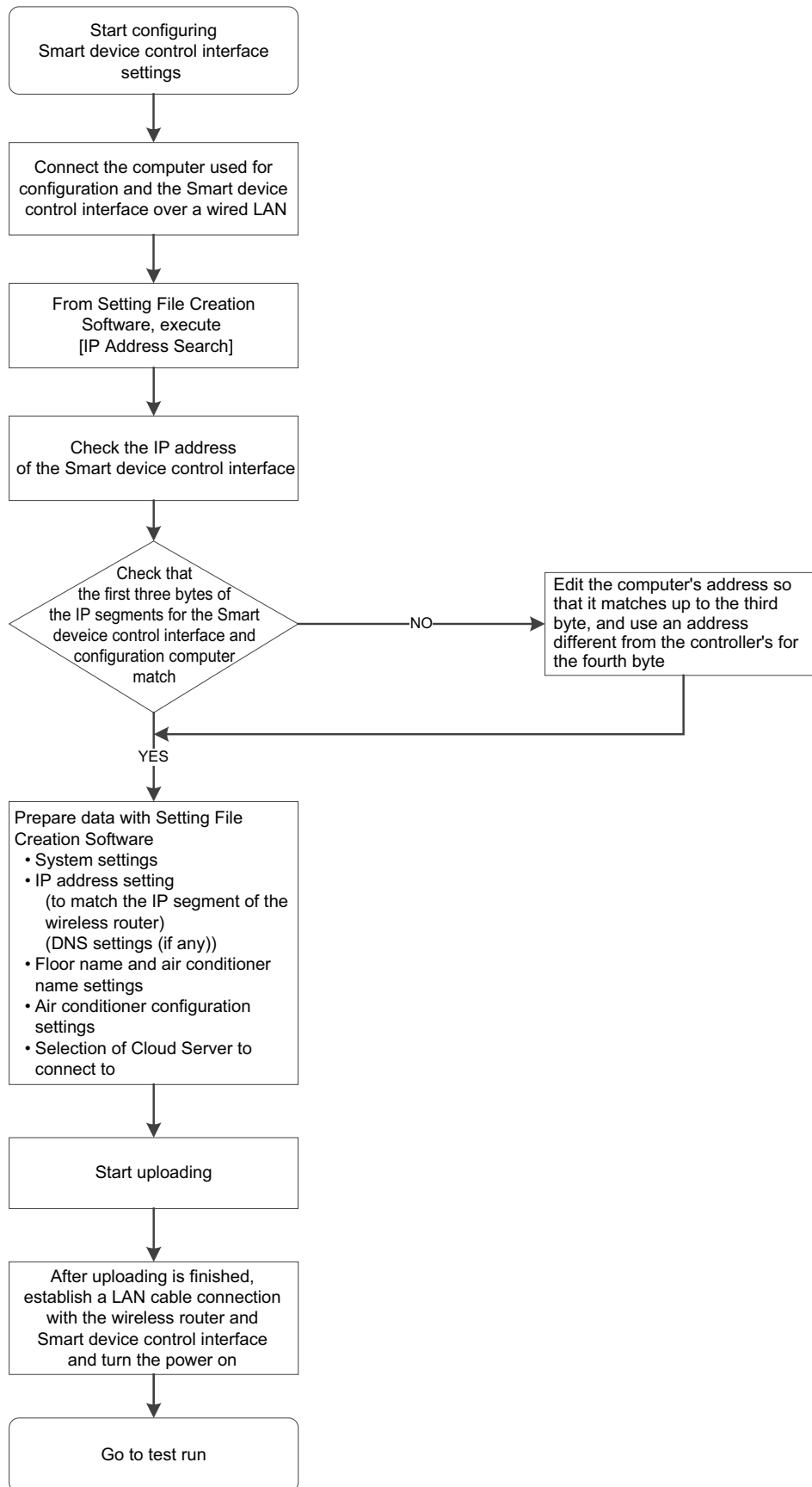
In addition, before uploading data created using this software to Smart device control interface, the tablet or smartphone must be in an operational state, and the configuration of the user’s wireless router must be complete. For details on wireless router settings, refer to the instructions that came with your wireless router.

# 4 Workflow of the software

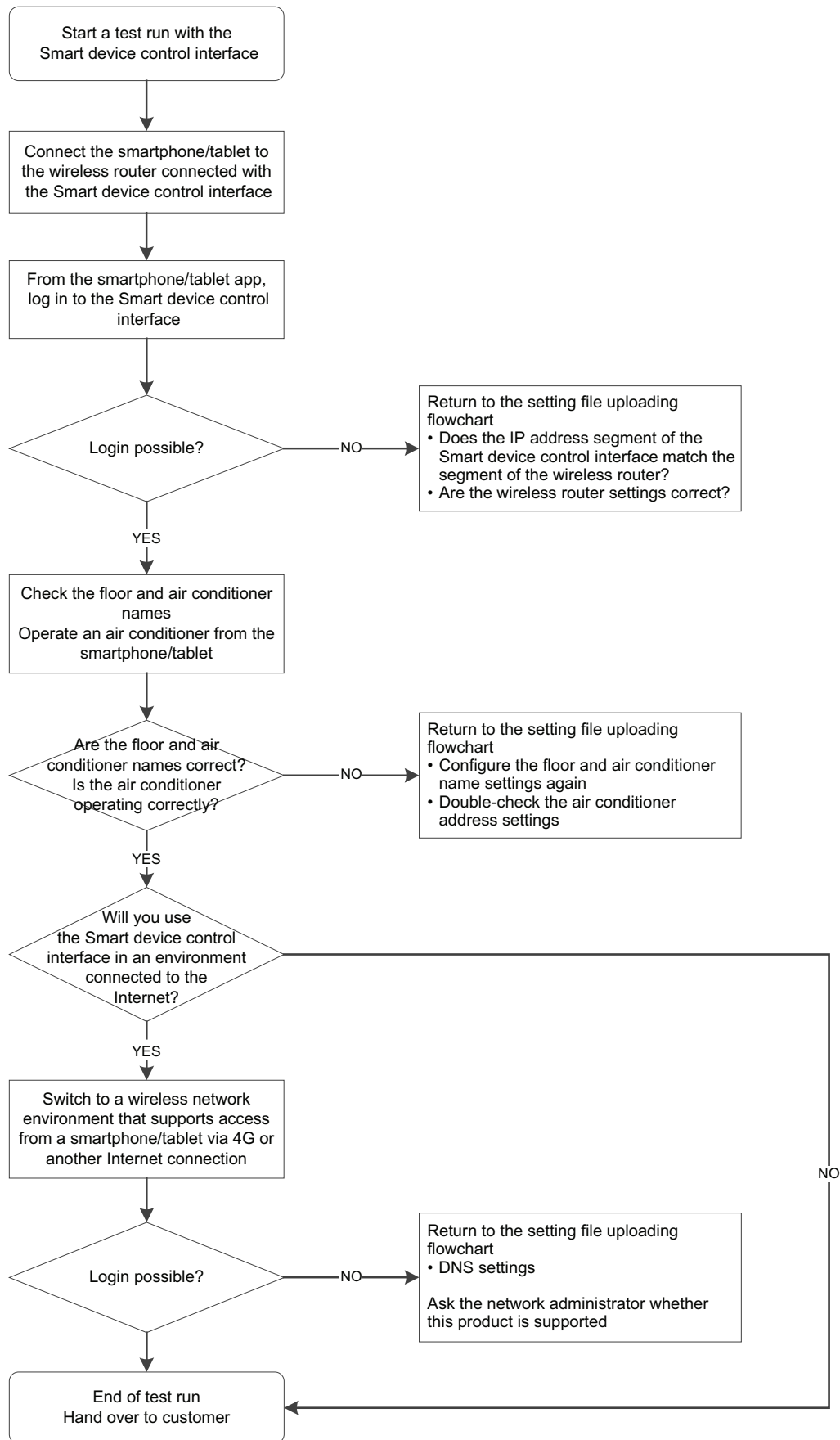
The following flowchart shows the process of creating data with Setting File Creation Software for Smart device control interface:



[Flowchart (Preparation)]



[Flowchart (Uploading)]



[Flowchart (Test run)]

# 5 Note on using Setting File Creation Software for Smart device control interface

Selectable outdoor units / indoor units differ depending on the frequency and region setting. The frequency of an already created file cannot be changed.

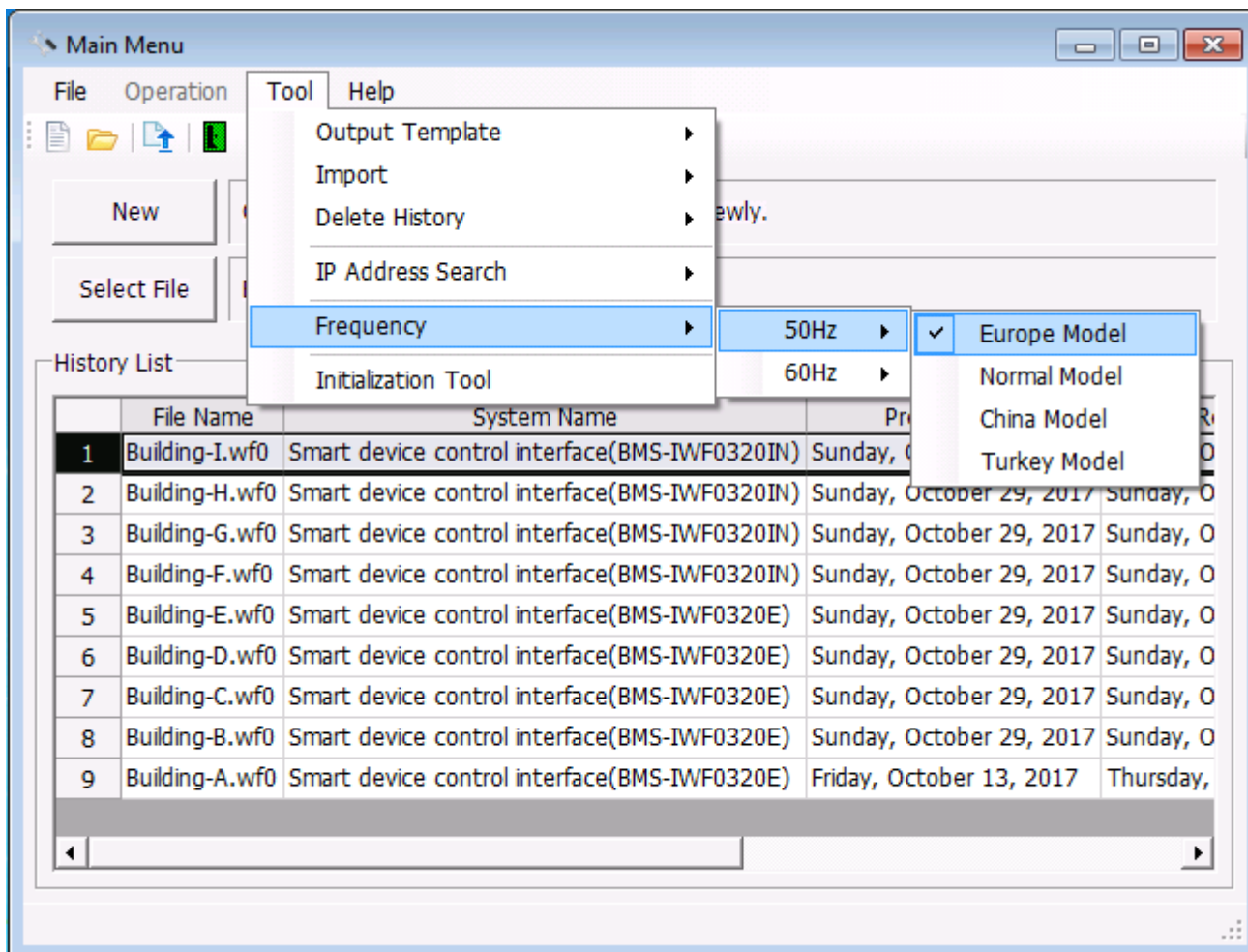


Fig.1 [Main Menu] screen (Frequency)



# 6 Features of Setting File Creation Software for Smart device control interface

## ■ Creating / editing a setting file

You can create a setting file and edit it.

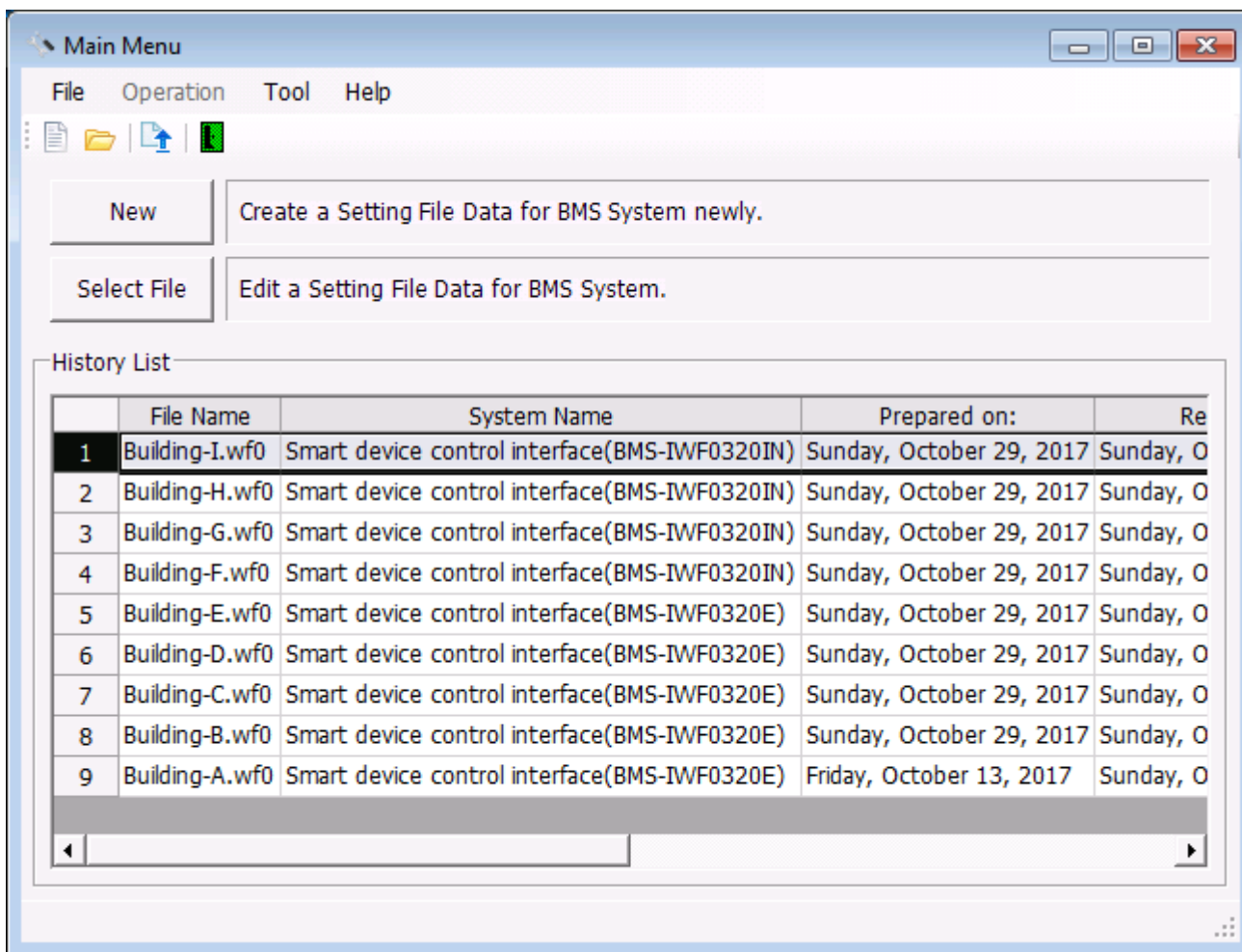


Fig.2 [Main Menu] screen

## ■ Selecting a BMS System

When creating a new setting file, select a target system.

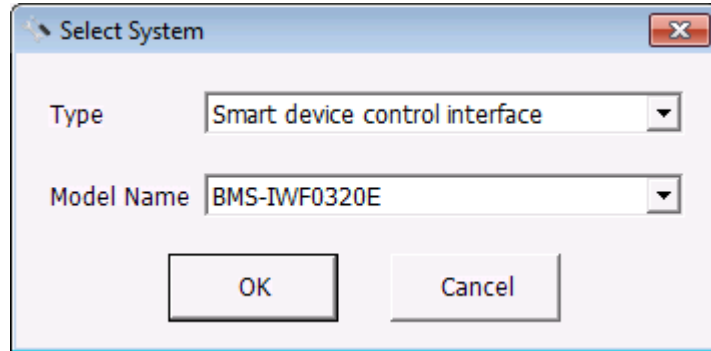


Fig.3 [Select System] screen

## ■ Creating / editing data of a setting file

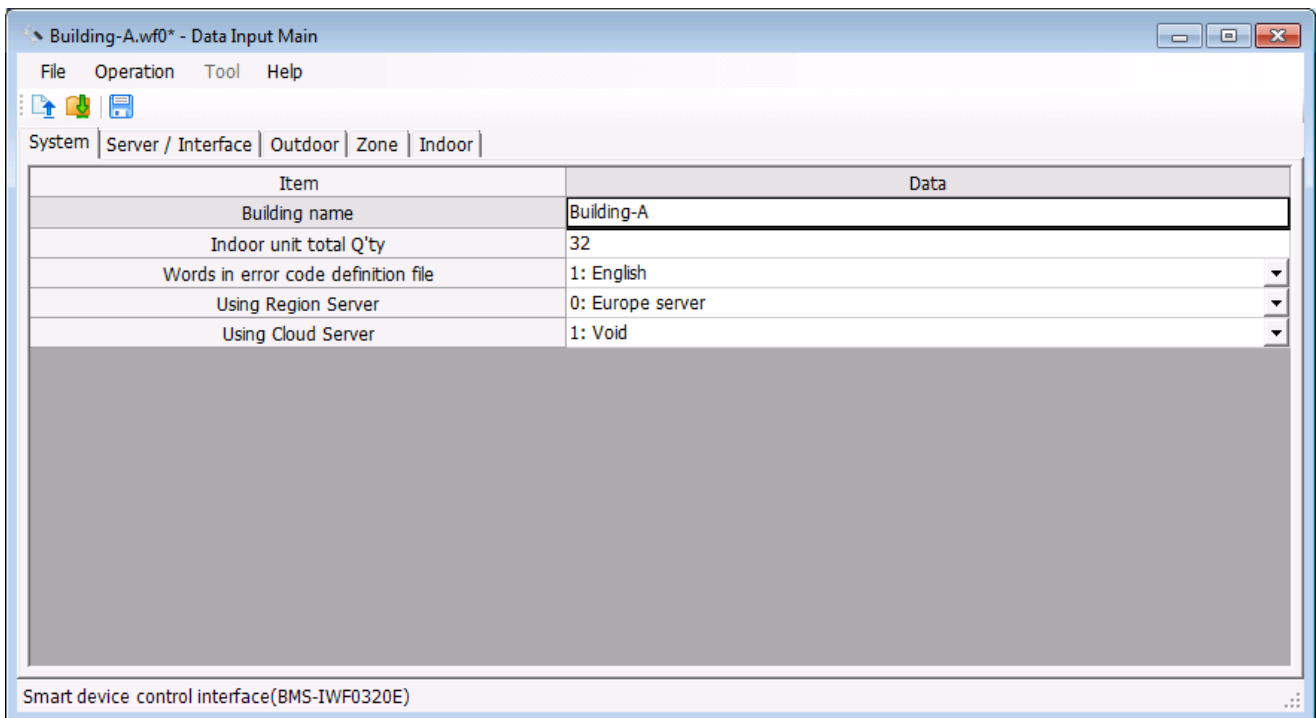


Fig.4 [System] screen

## ■ Check the version information

Select the [Help] menu then [About] to display the version information.

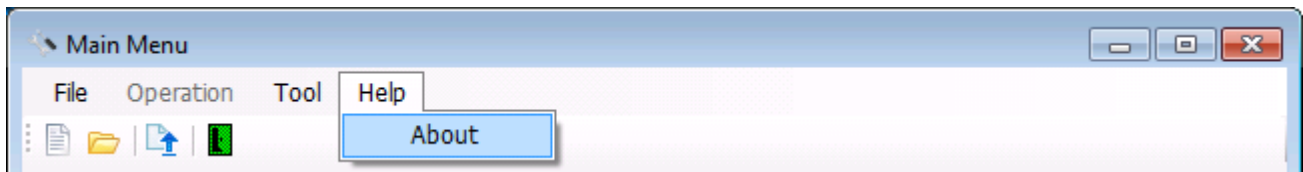


Fig.5 [Help] menu



Fig.6 [About] screen

## ■ Uploading setting files to the Interface

Specify setting files data, its folder, the target IP address, then upload the files.

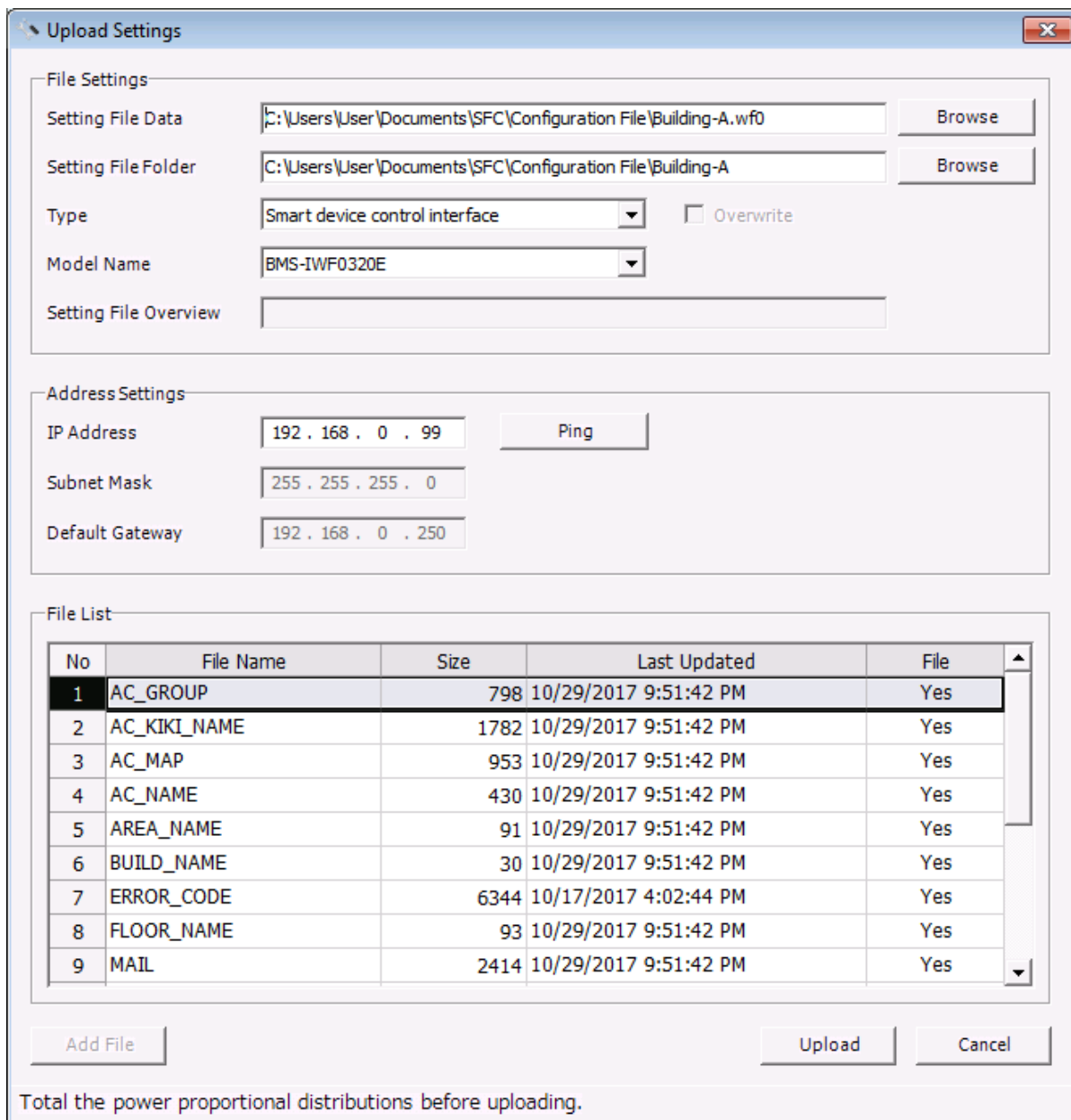


Fig.7 [Upload Settings] screen

The following screen is displayed during upload to show the upload progress screen.

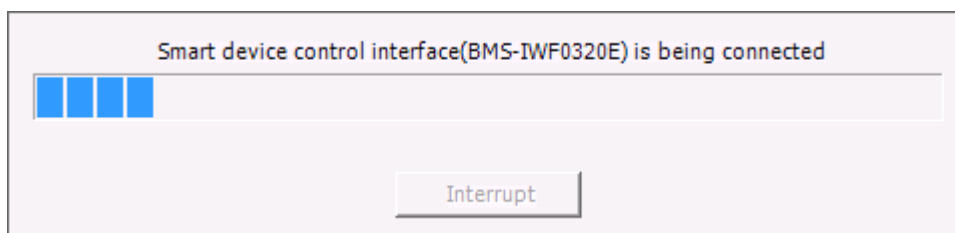


Fig.8 [Upload Progress] screen

# 7 Using the Setting File Creation Software for Smart device control interface

## ■ Starting / exiting the Setting File Creation Software for Smart device control interface

### Starting the Setting File Creation Software for Smart device control interface

Use the desktop icon or Windows menu to start the Setting File Creation Software for Smart device control interface.

#### 1. Start the Setting File Creation Software for Smart device control interface.

- Desktop icon  
Double-click the desktop icon.

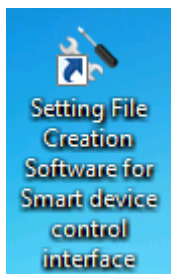


Fig.9 [Setting File Creation Software for Smart device control interface desktop icon]

- Windows menu  
Select [Start] > [All Programs] > [Toshiba] > [Setting File Creation Software for Smart device control interface].

#### 2. The startup screen appears.

The startup screen appears.



Fig.10 [Startup] screen

### 3. Setting File Creation Software for Smart device control interface Startup Complete

The startup screen (Fig.10) disappears, and the Main Menu screen (Fig.2) appears. Setting File Creation Software for Smart device control interface startup is now complete, and the software can be operated.

#### Exiting the Setting File Creation Software for Smart device control interface

Click the [Close] button, the Exit button, or select the [File] menu then [Exit].

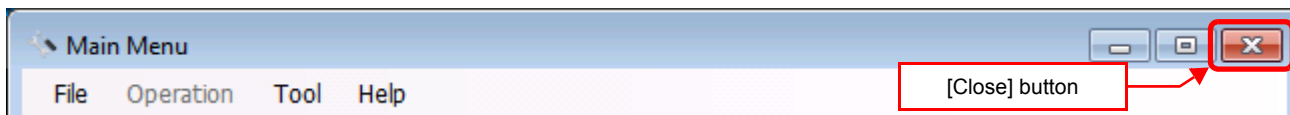


Fig.11 [Main Menu] screen (Close button)

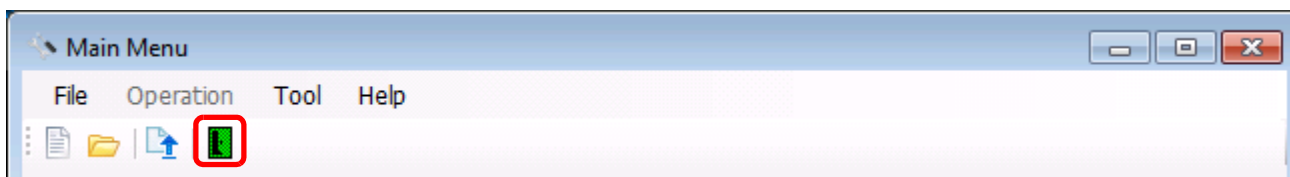


Fig.12 [Main Menu] screen (Exit button)

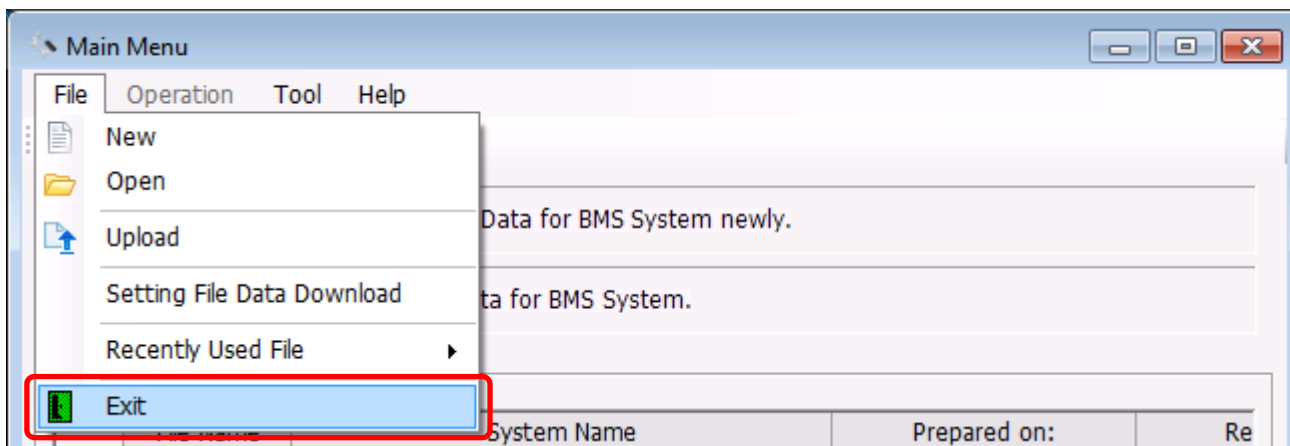


Fig.13 [Main Menu] screen (Exit menu)

The exit confirmation dialog box appears. Click [OK] to exit, or [Cancel] to cancel exiting.

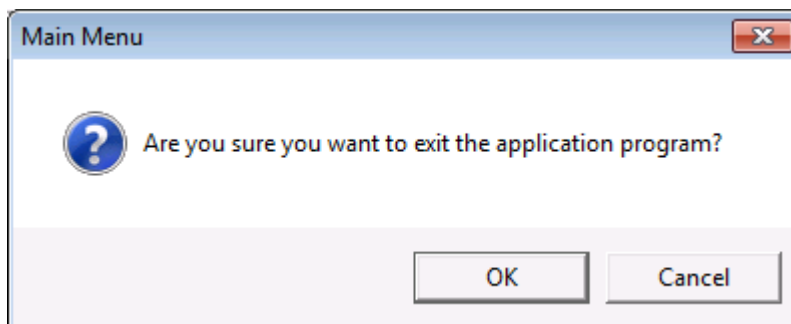


Fig.14 Exit confirmation dialog box

## ■ Creating new data

Click the [New] button, or select the [File] menu then [New]. The Select System screen (Fig.3) appears.

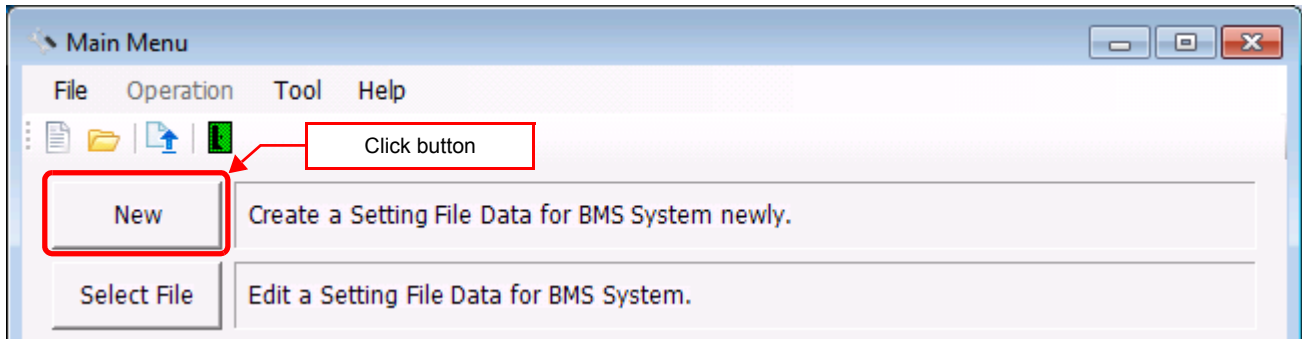


Fig.15 [Main Menu] screen (New button1)

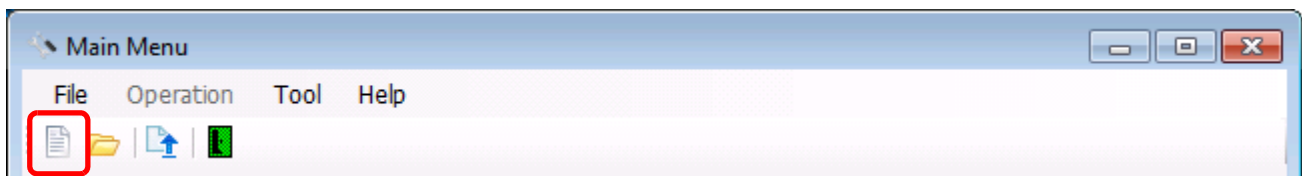


Fig.16 [Main Menu] screen (New button2)

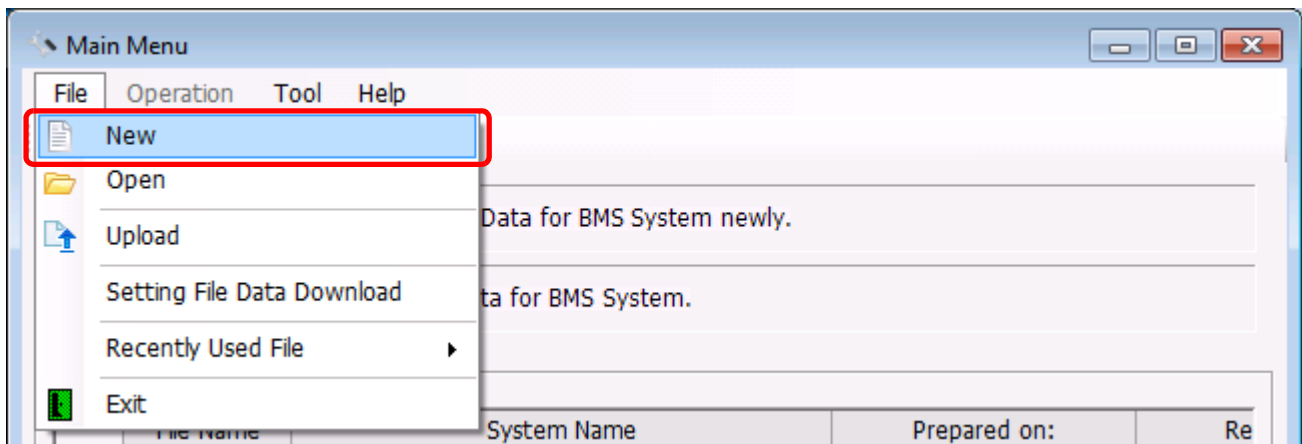


Fig.17 [Main Menu] screen (New menu)

## ■ Selecting a file to edit data

Click the [Select File] button, or select the [File] menu then [Open]. The Open screen appears.

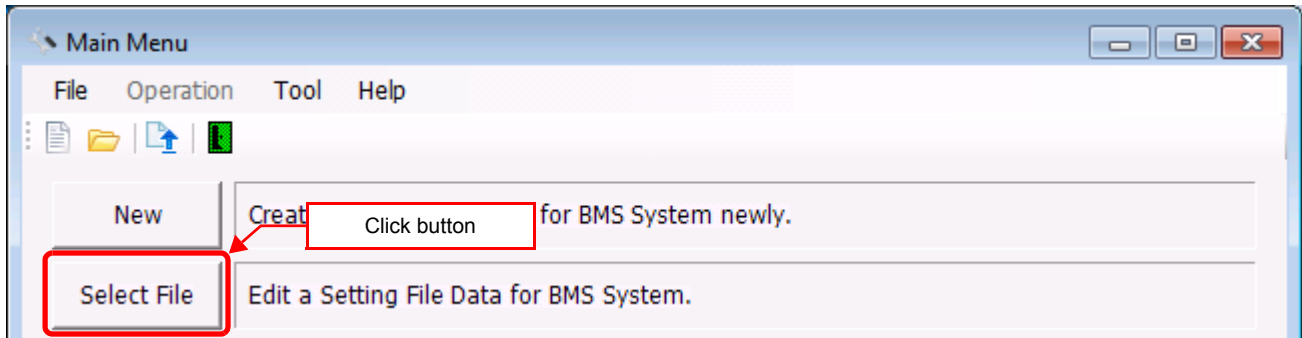


Fig.18 [Main Menu] screen (Select File button)

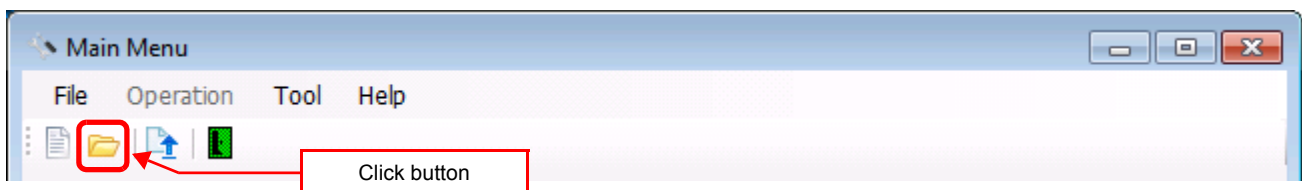


Fig.19 [Main Menu] screen (Open button)

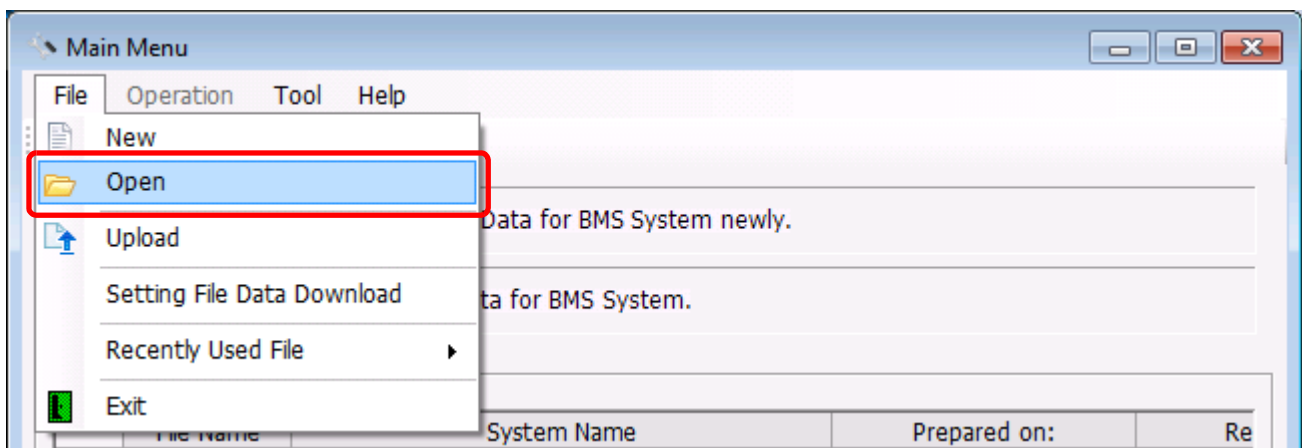


Fig.20 [Main Menu] screen (Open Menu)



When the Open screen has opened, select a file to edit. The System screen (Fig.4) appears.

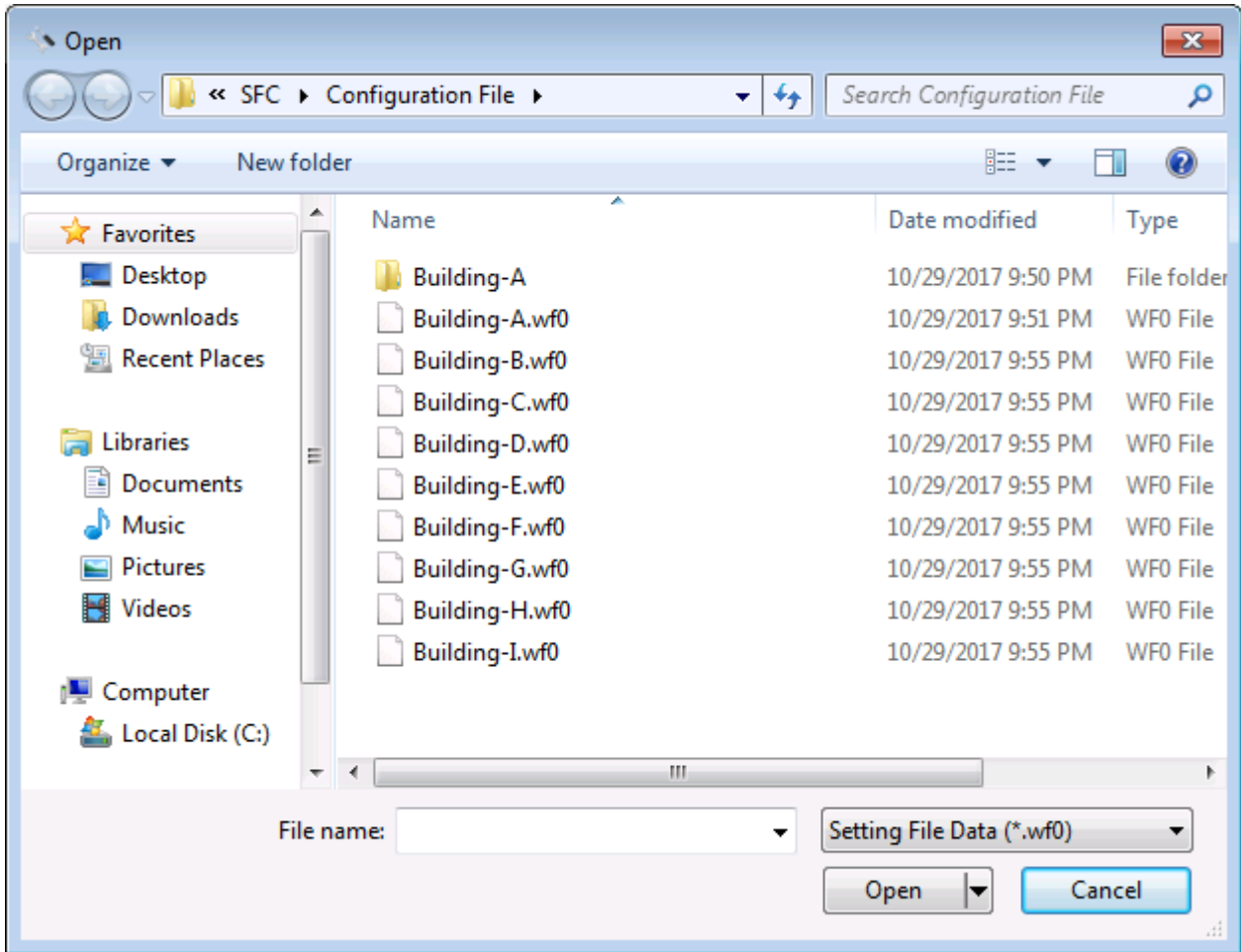


Fig.21 [Open] screen

## ■ Using a history file to edit data

Double-click a line in the History List, or select a file from Recently Used File. The System screen (Fig.4) appears.

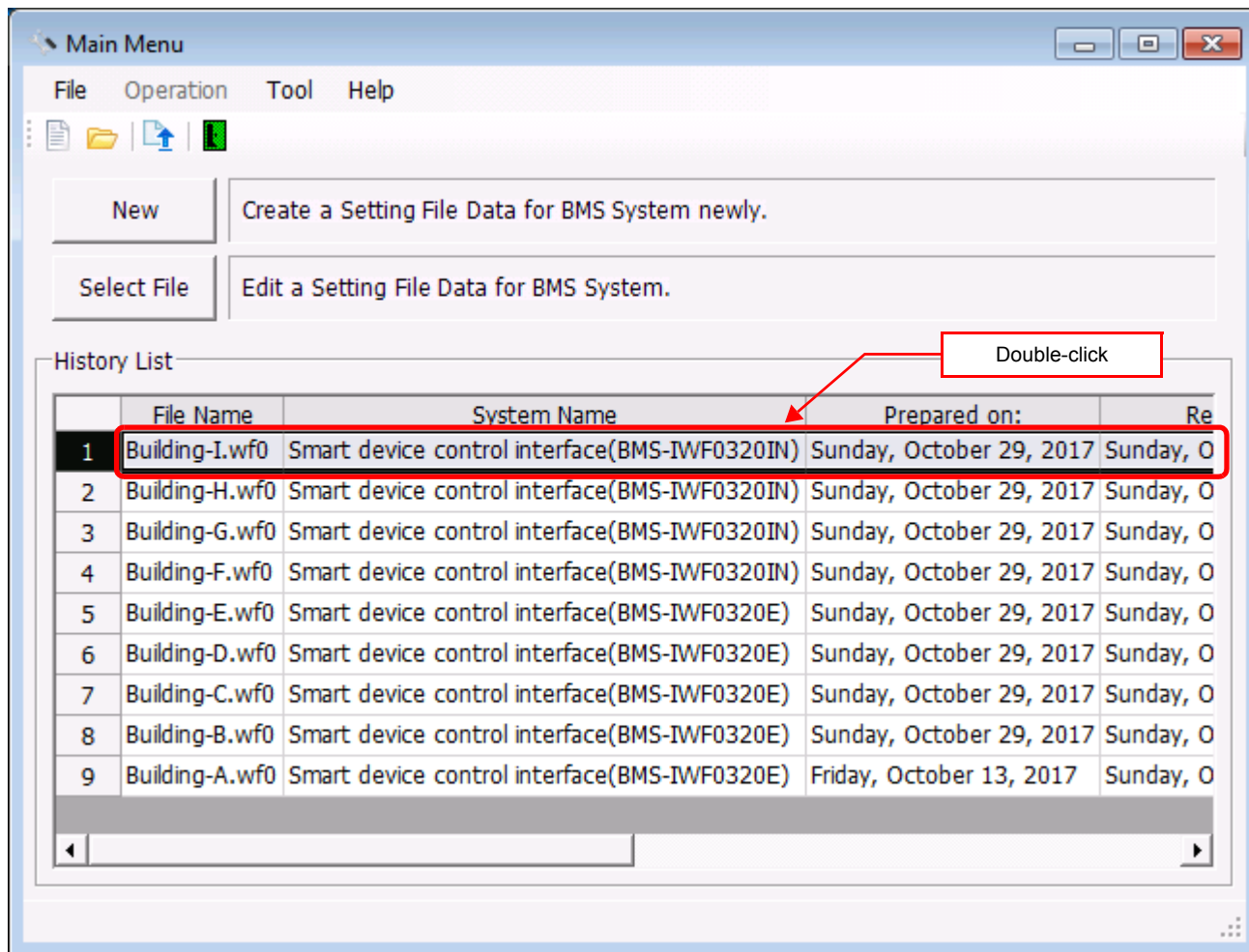


Fig.22 [Main Menu] screen (History List)

Up to 9 files are stored in Recently Used File.

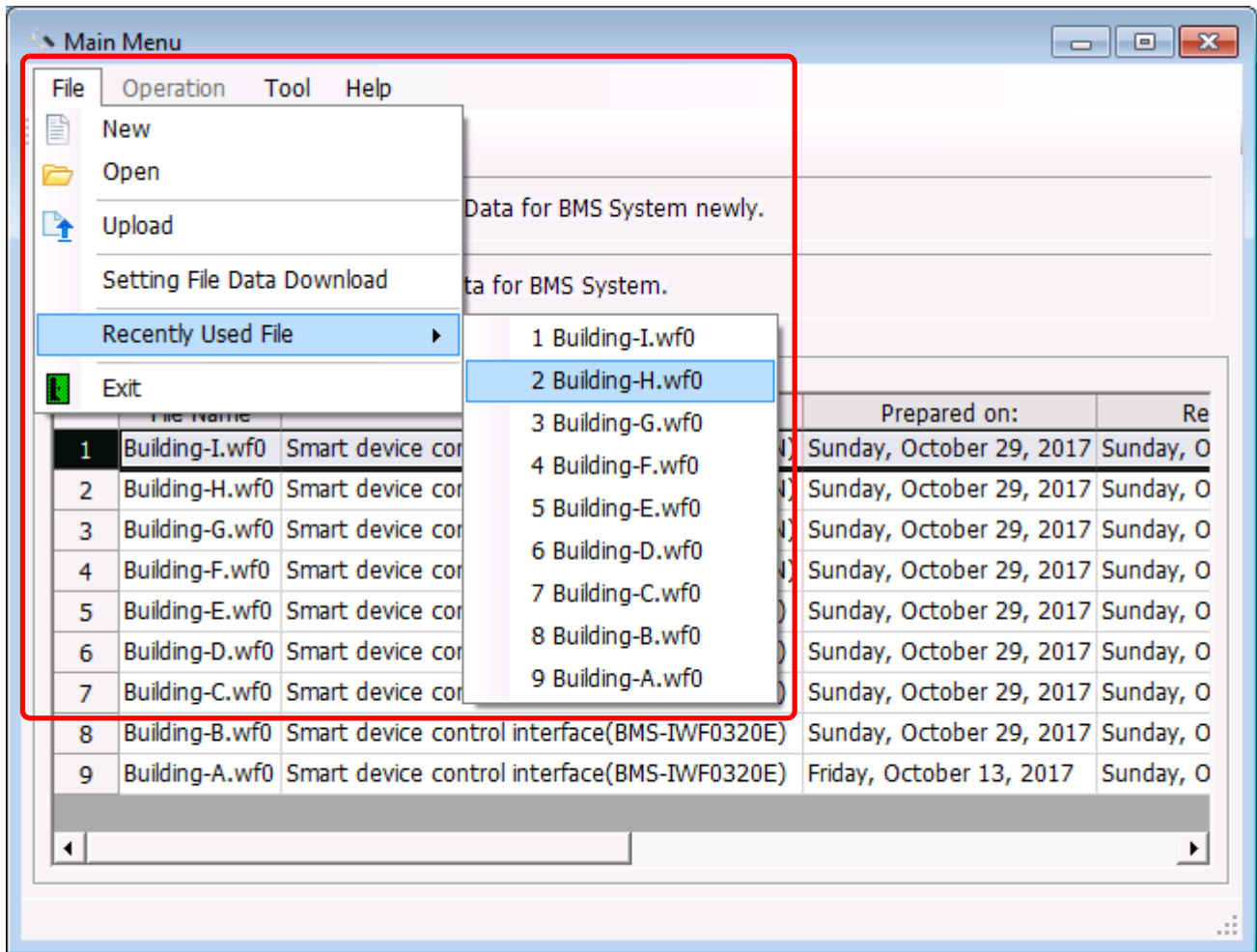


Fig.23 [Main Menu] screen (Recently Used File)

If the selected file does not exist, a warning appears.

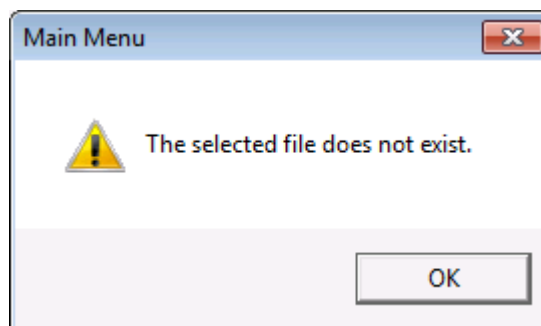


Fig.24 Warning message box

## ■ Delete the history file

You can delete a selected history item or all the history items.

- Delete Selected History
- Delete All

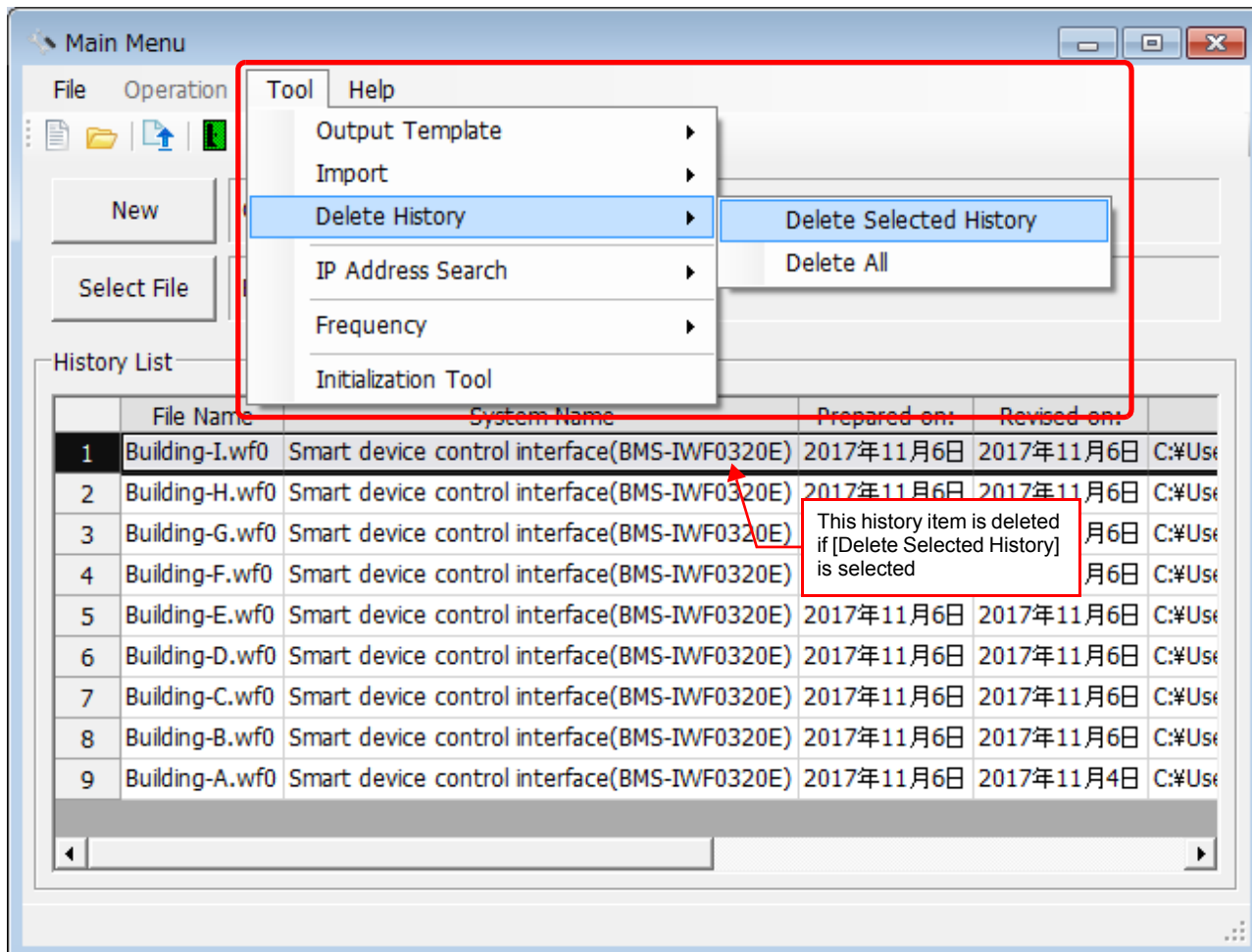


Fig.25 [Main Menu] screen (Delete History)

The deletion confirmation dialog box appears.

Click the OK button to delete. The history item will be deleted from the History List. To cancel deletion, click the Cancel button.

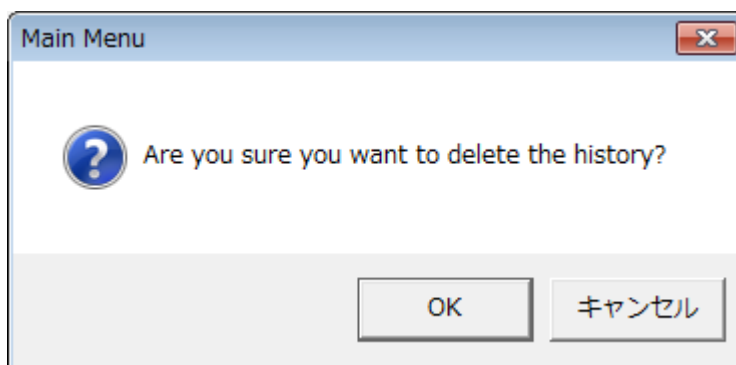


Fig.26 Deletion confirmation dialog box

## ■ Search for the Smart device control interface on the network

If you do not know the IP address of the Smart device control interface on the network, click the [Tool]>[IP Address Search]>[Smart device control interface].

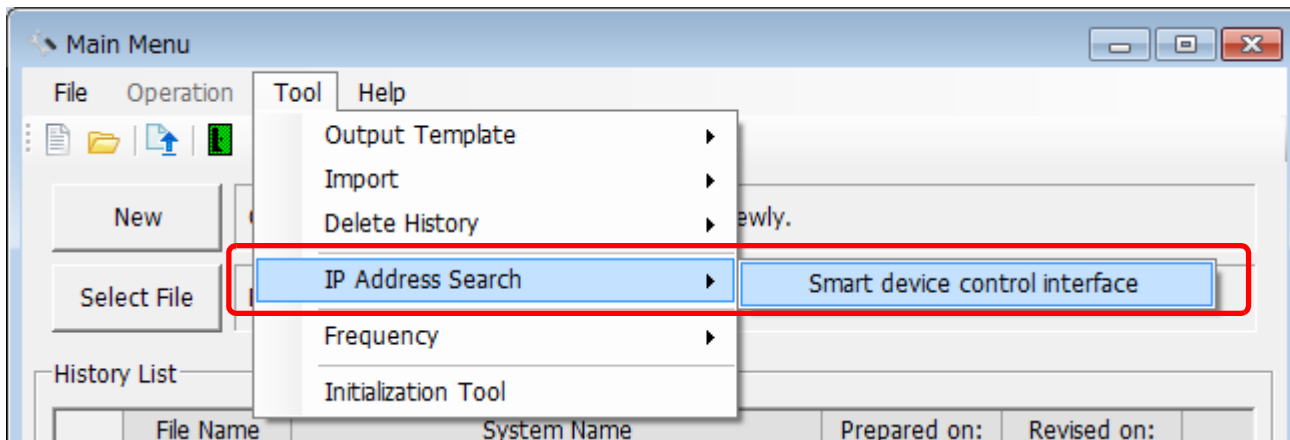


Fig.27 [IP Address Search for the Smart device control interface]

A dialog box appears before the search starts to confirm you want to execute the search. To execute the search, click the [Device Search] button.

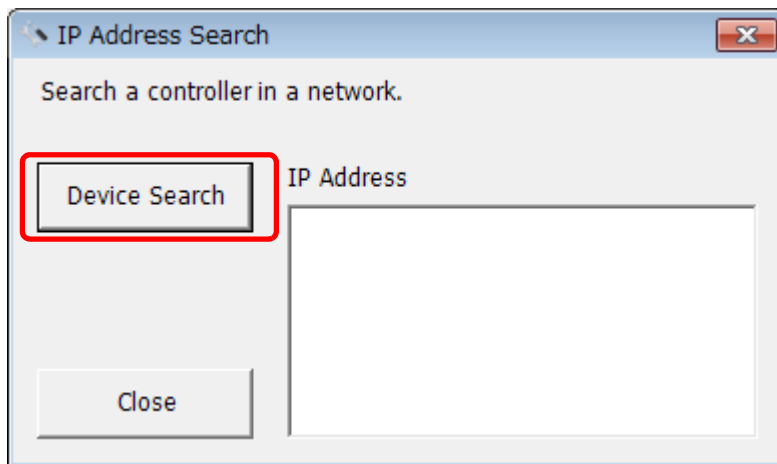


Fig.28 [IP Address Search]

When the search is complete, appears IP address. To exit this dialog box, click the [Close] button.

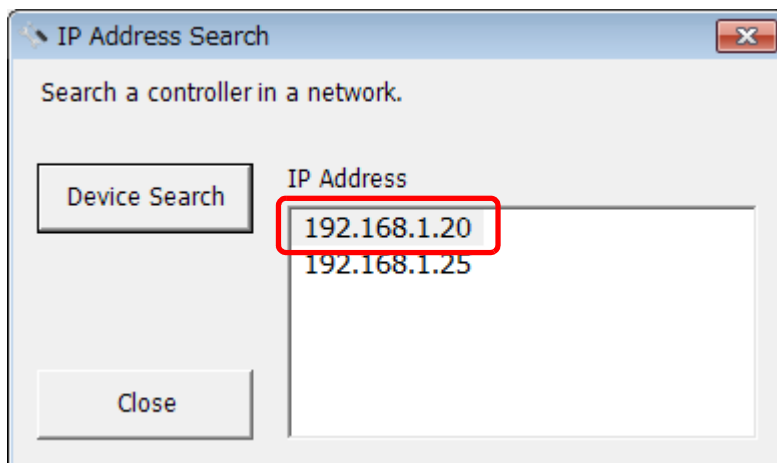


Fig.29 [IP Address Search]

## ■ Setting up the system

Select the [System] tab and configure the settings.

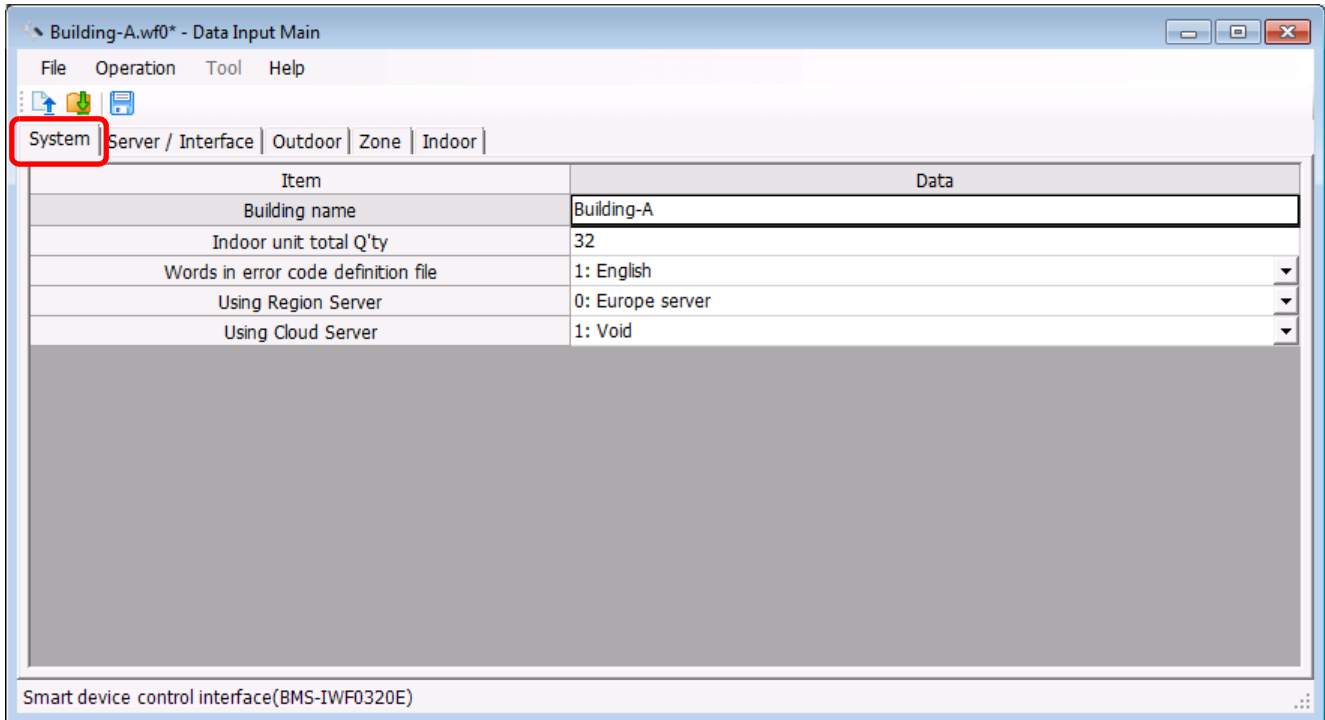


Fig.30 [System] tab

The following table shows how to enter / select data:

Item	Data Type	Selection	Note
Building Name	Entered by user	-	
Indoor unit total Q'ty	Entered by user	Numeric value only	
Words in error code definition file	Selected by user	Select from list	
Using Cloud Server	Selected by user	Select from list	
Using Region Server	Selected by user	Select from list	

Table.1 How to enter / select data

## ■ Setting up the server

Select the [Server Setting] tab under the [Server / Interface] tab, and configure the settings.

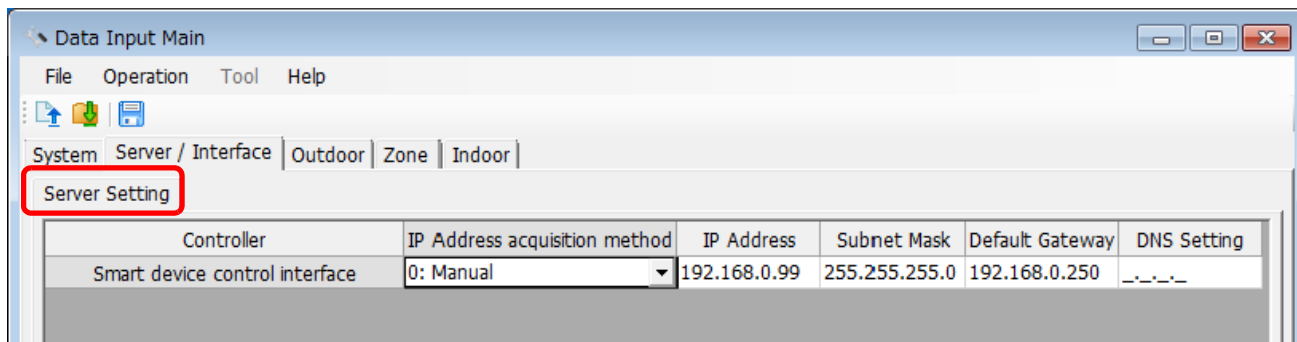


Fig.31 [Server Setting] tab

The following table shows how to enter / select data:

Item	Data Type	Selection	Note
IP Address acquisition method	Selected by user	Select from list	
IP Address	Entered by user	Numeric value only	
Subnet Mask	Entered by user	Numeric value only	
Default Gateway	Entered by user	Numeric value only	
DNS Setting	Entered by user		

Table.2 How to enter / select data

## ■ Adding an outdoor unit

Click the [New] button, or select the [Operation] menu > [Outdoor Unit] > [New]. A line will be added to the outdoor unit list.

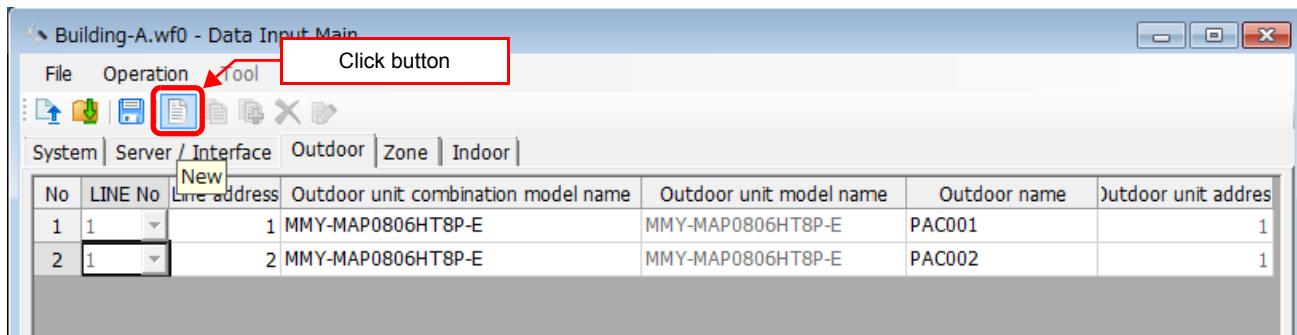


Fig.32 [Outdoor] tab

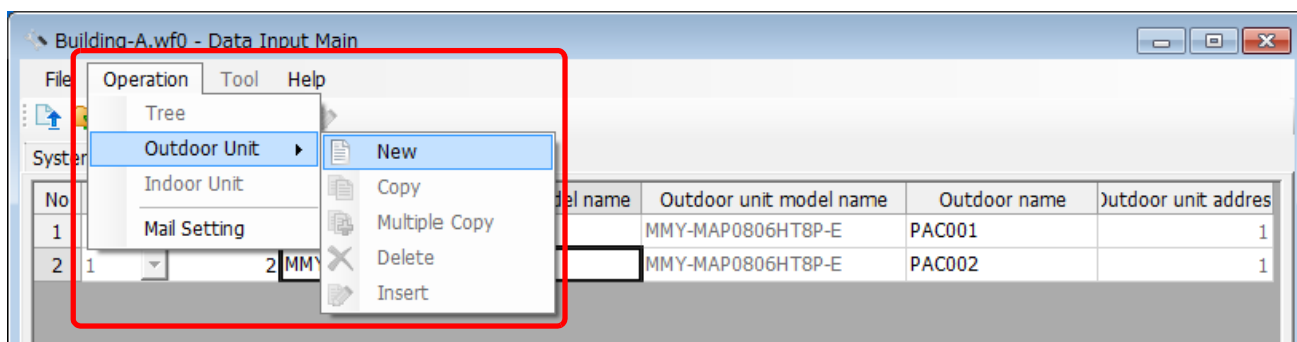


Fig.33 [Outdoor] tab (New Menu)

The following table shows how to enter / select data:

Item	Data Type	Selection	Note
LINE No.	Cannot be edited		
Line address	Entered by user	Numeric value only	
Outdoor unit combination model name	Selected by user	Select from the Select outdoor unit model screen	
Outdoor unit model name	Cannot be edited		
Outdoor name	Entered by user		
Outdoor unit address	Cannot be edited		

Table.3 How to enter / select data



## ■ Selecting an outdoor unit

Clicking a cell of an outdoor unit combination model name on the [Outdoor] tab displays the Select outdoor unit model screen. On the screen, double-click a cell of an outdoor unit model, or select a model then click the OK button. "Outdoor unit combination model name," "Outdoor unit model name," and "Outdoor unit address" will automatically become available on the [Outdoor] tab. To cancel changing the outdoor unit setting, click the Cancel button to return to the [Outdoor] tab.

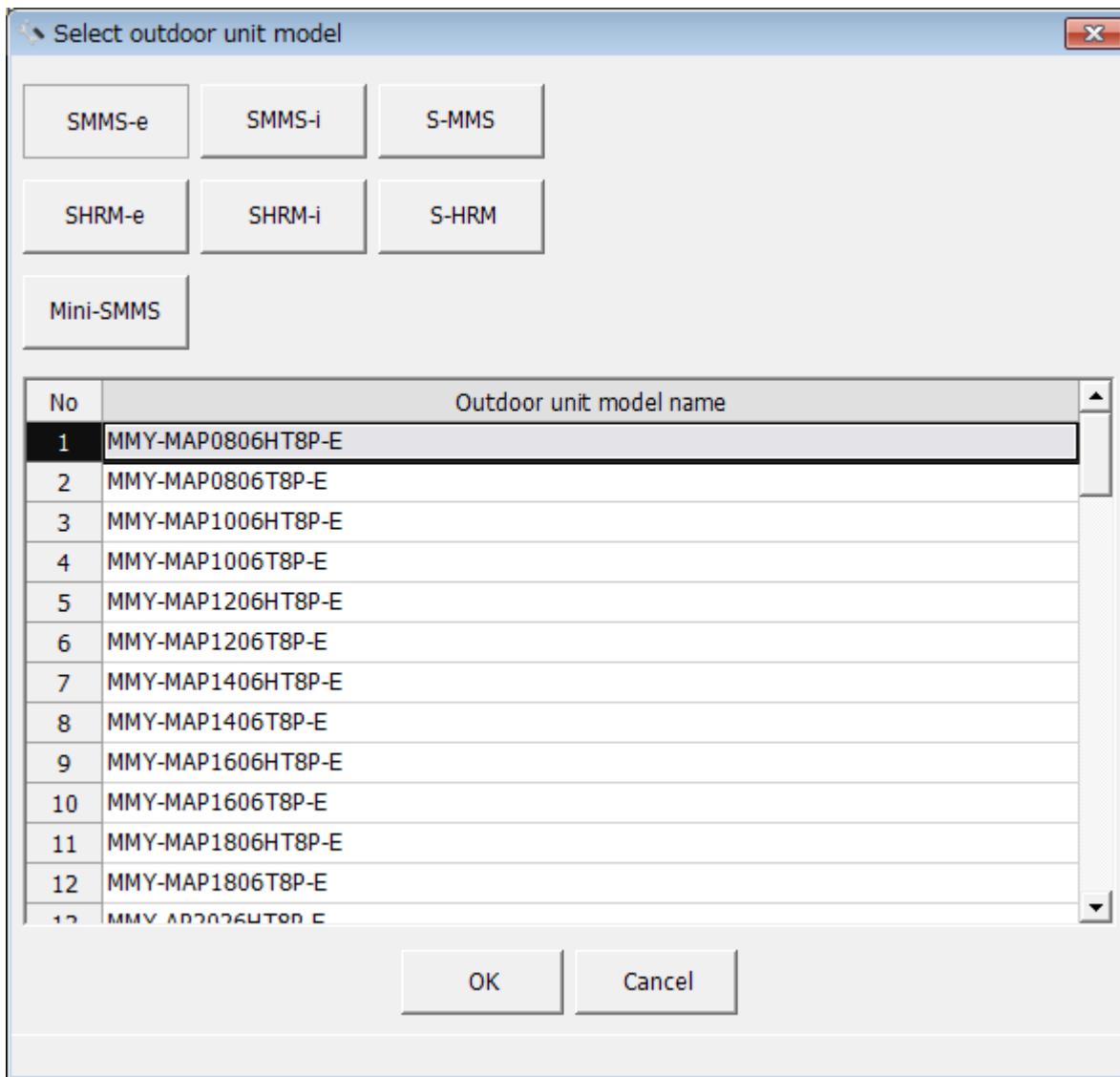


Fig.34 [Select outdoor unit model] screen

## ■ Copying the data of an outdoor unit

Select a line of an outdoor unit on the [Outdoor] tab, and click the [Copy] button, or select the [Operation] menu > [Outdoor Unit] > [Copy]. The copied outdoor unit will be added to the outdoor unit list. The numbers of the copied "Line address" and "Outdoor name" will automatically be increased in one.

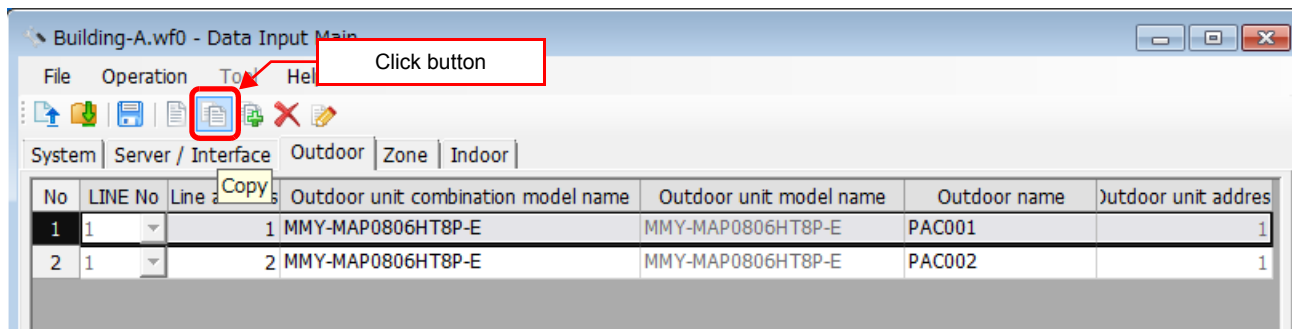


Fig.35 [Outdoor] tab (Copy button)

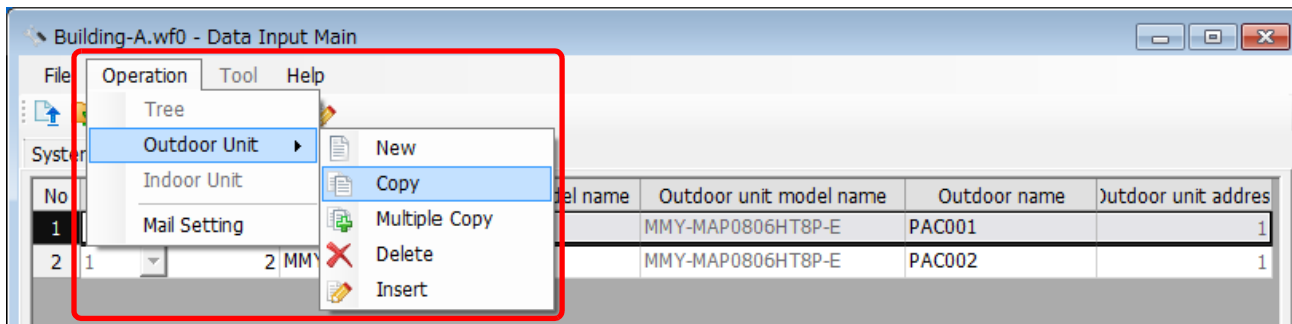


Fig.36 [Outdoor] tab (Copy menu)

## ■ Copying the data of multiple outdoor units

Select a line of outdoor unit on the [Outdoor] tab, and click the [Multicopy] button, or select the [Operation] menu > [Outdoor Unit] > [Multicopy]. The Copy line count screen appears.

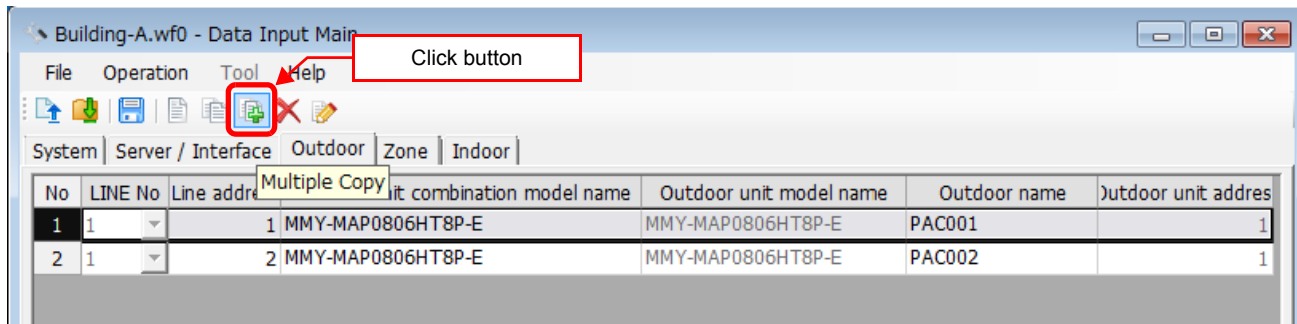


Fig.37 [Outdoor] tab (Multicopy button)

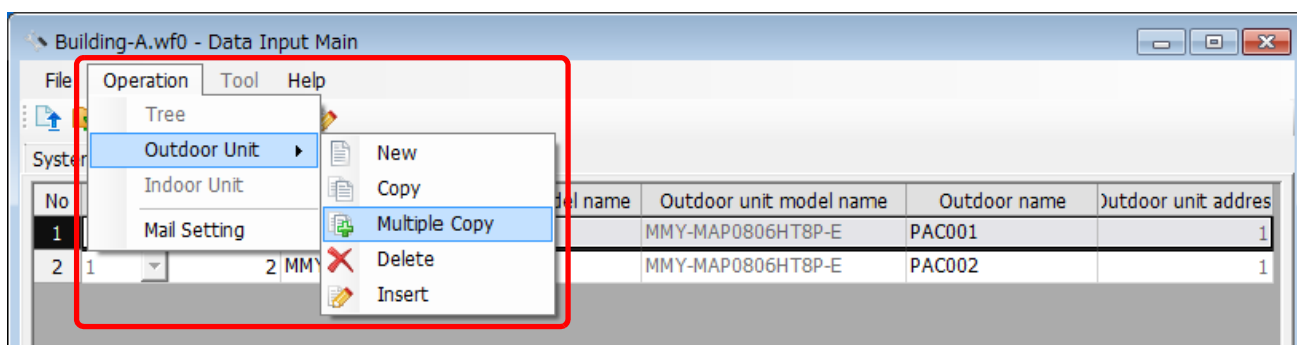


Fig.38 [Outdoor] tab (Multicopy menu)

Enter the copy count, then click the OK button. The copied outdoor units will be added to the outdoor unit list. The numbers of the copied "Line address" and "Outdoor name" will automatically be increased in one.

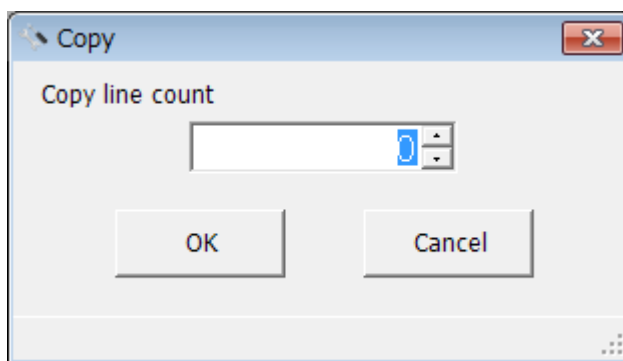


Fig.39 [Copy line count] screen

## ■ Deleting the data of outdoor units

Select one or more lines of outdoor units on the [Outdoor] tab (Fig.6), and click the [Delete] button, or select the [Operation] menu > [Outdoor Unit] > [Delete].

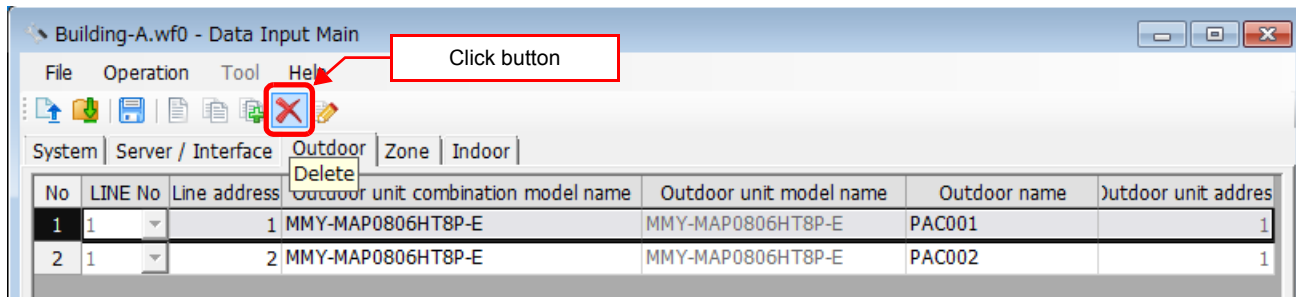


Fig.40 [Outdoor] tab (Delete button)

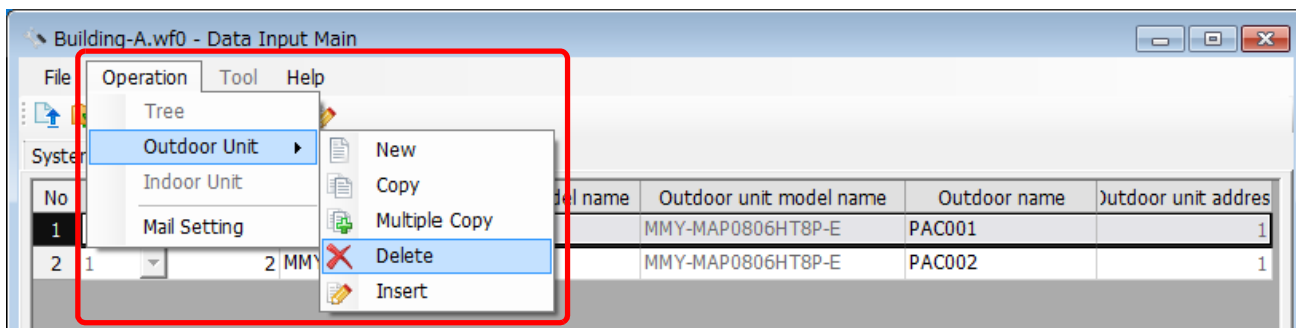


Fig.41 [Outdoor] tab (Delete menu)

The deletion confirmation dialog box appears. Click the OK button to delete. The outdoor units will be deleted from the outdoor unit list. To cancel deletion, click the Cancel button.

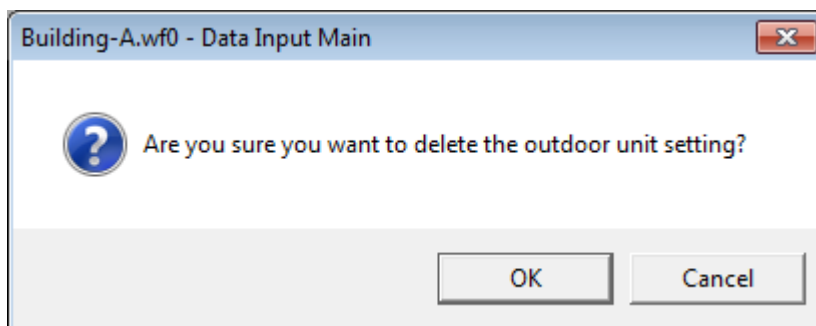


Fig.42 Deletion confirmation dialog box

## ■ Inserting an outdoor unit

Select a line of an outdoor unit on the [Outdoor] tab (Fig.6), and click the [Insert] button, or select the [Operation] menu > [Outdoor Unit] > [Insert]. A line will be inserted at the selected location in the outdoor unit list.

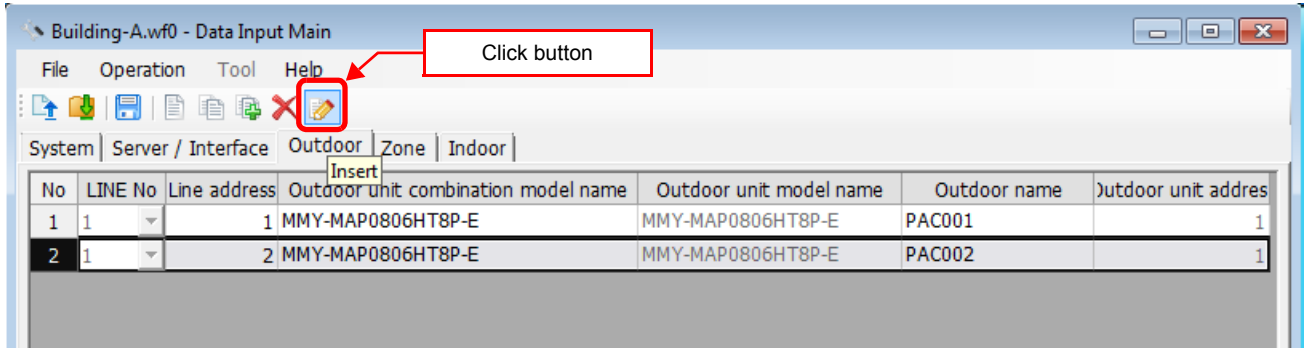


Fig.43 [Outdoor] tab (Insert button)

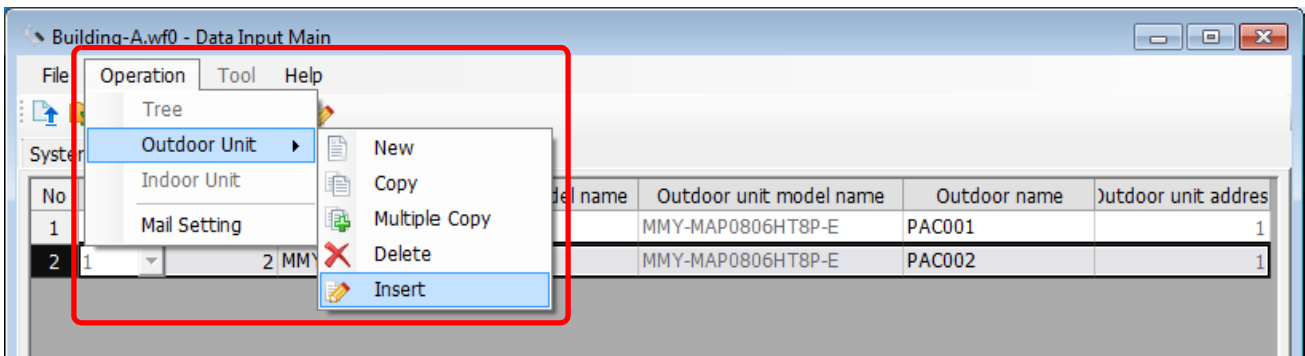


Fig.44 [Outdoor] tab (Insert menu)

## ■ Adding a zone

Click the [New] button, or select the [Operation] menu > [Tree] > [New]. A line will be added to the zone list.

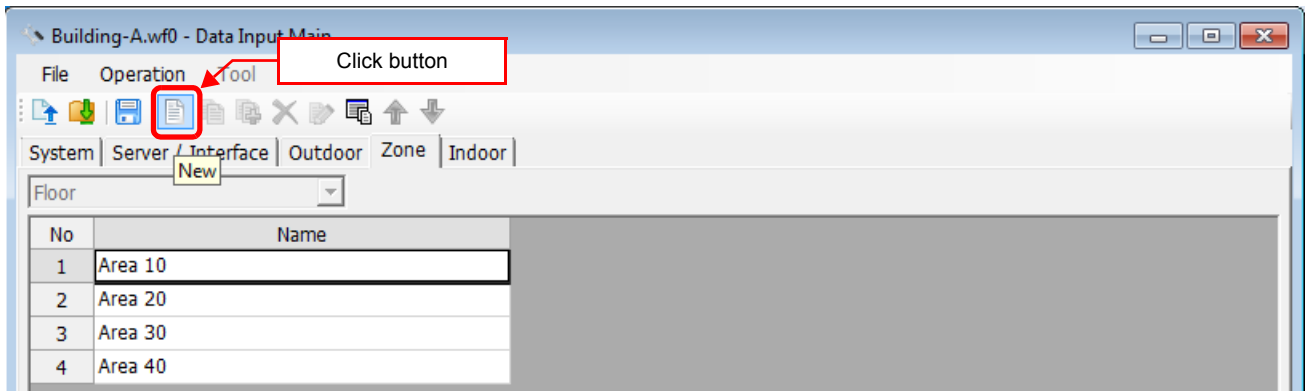


Fig.45 [Zone] tab (New button)

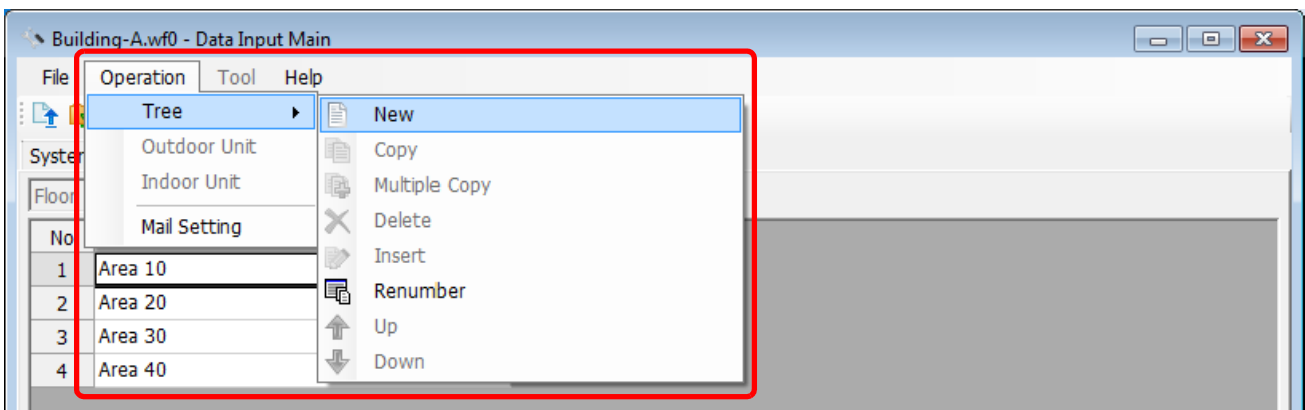


Fig.46 [Zone] tab (Menu)

The following table shows how to enter / select data:

Item	Data Type	Selection	Note
Name	Entered by user		

Table.4 How to enter / select data

## ■ Copying the data of a zone

Select a line of a zone on the [Zone] tab, and click the [Copy] button, or select the [Operation] menu > [Tree] > [Copy]. The copied zone will be added to the zone list. The number of the copied "Name" will automatically be increased in one.

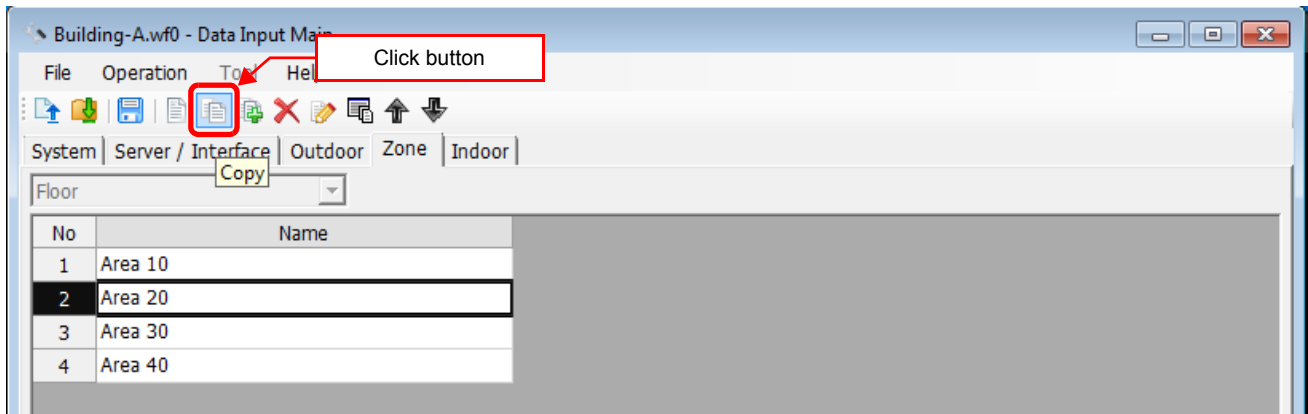


Fig.47 [Zone] tab (Copy button)

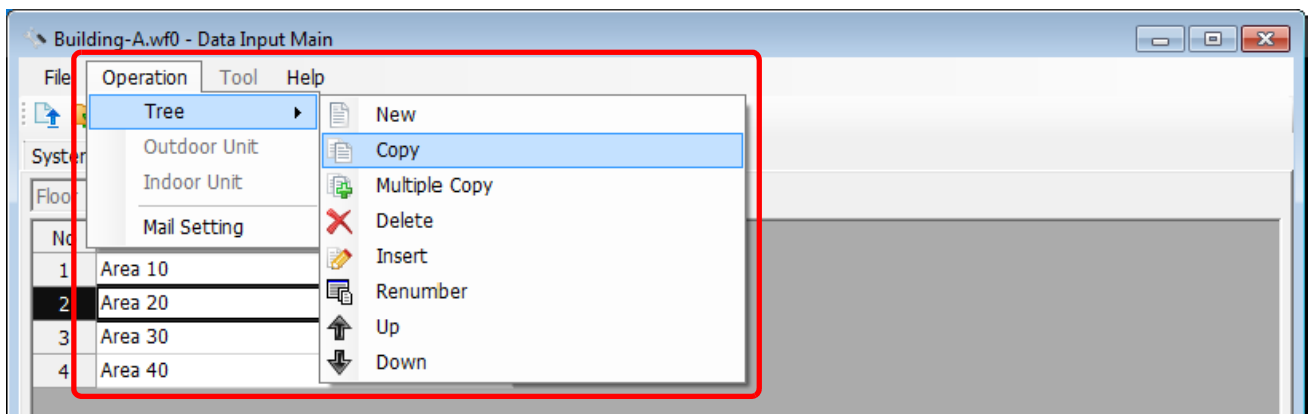


Fig.48 [Zone] tab (Copy menu)

## ■ Copying the data of multiple zones

Select a line of zone on the [Zone] tab, and click the [Multicopy] button, or select the [Operation] menu > [Tree] > [Multicopy]. The Copy line count screen appears.

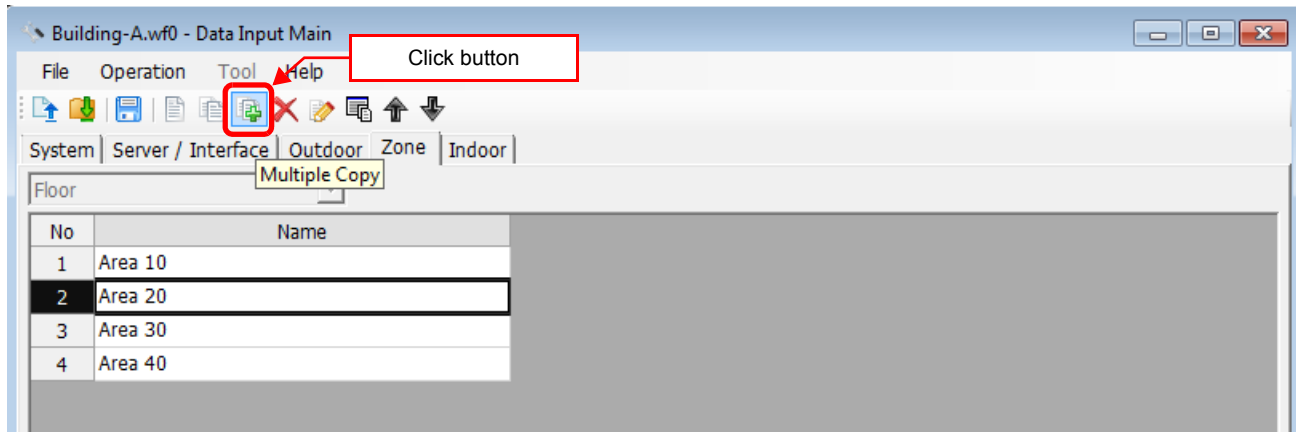


Fig.49 [Zone] tab (Multicopy button)

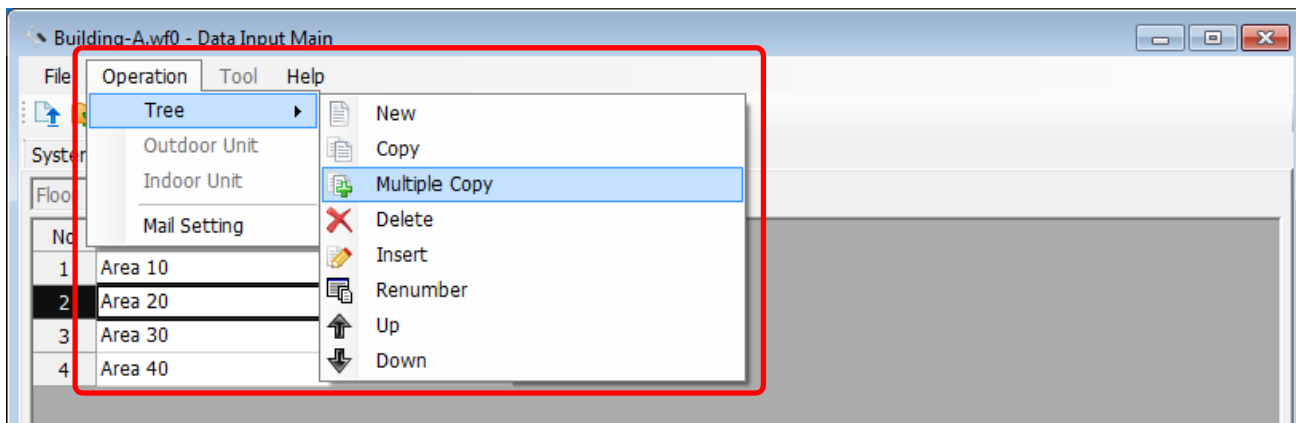


Fig.50 [Zone] tab (Multicopy menu)

Enter the copy count, then click the OK button. The copied zones will be added to the zone list. The number of the copied "Name" will automatically be increased in one.

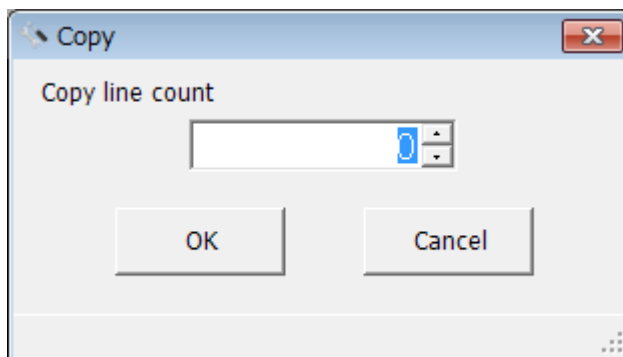


Fig.51 [Copy line count] screen



## ■ Deleting the data of zones

Select one or more lines of zones on the [Zone] tab (Fig.7), and click the [Delete] button, or select the [Operation] menu > [Tree] > [Delete].

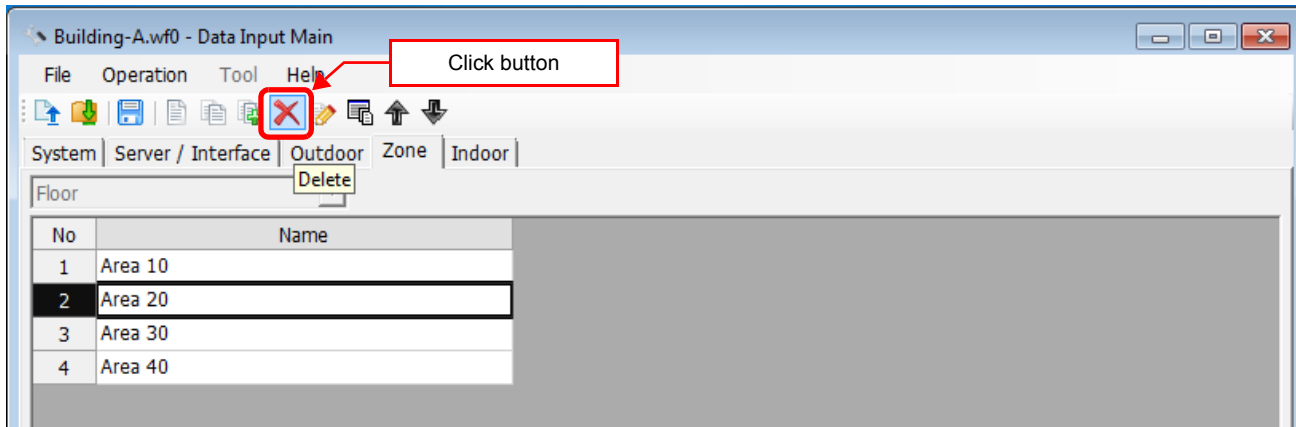


Fig.52 [Zone] tab (Delete button)

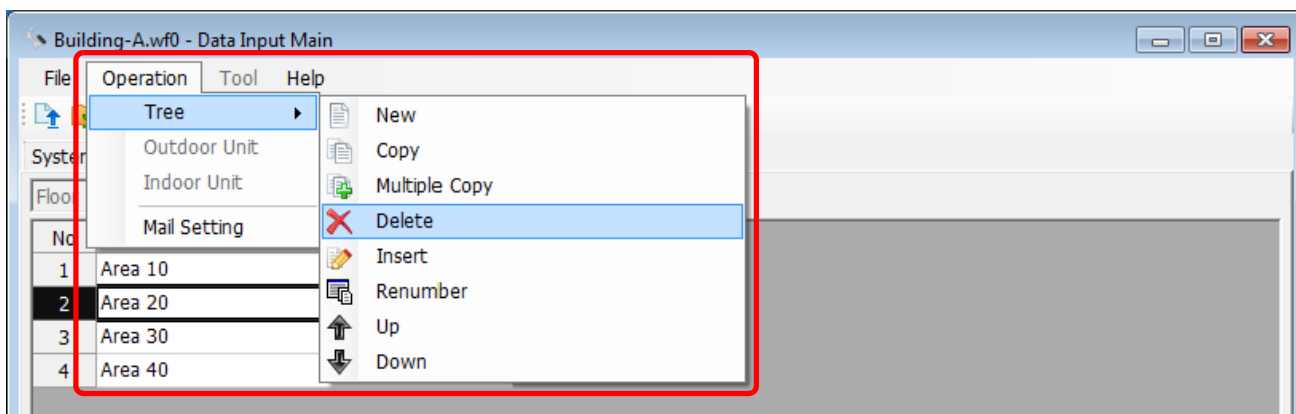


Fig.53 [Zone] tab (Delete menu)

The deletion confirmation dialog box appears. Click the OK button to delete. The zones will be deleted from the zone list. To cancel deletion, click the Cancel button.

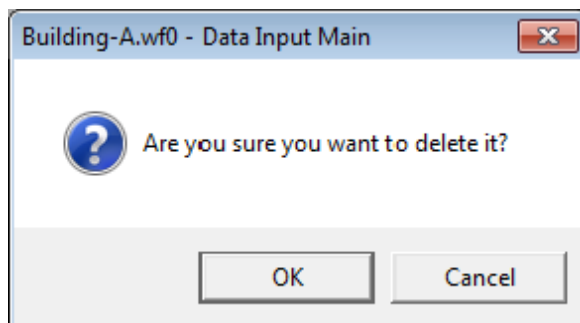


Fig.54 Deletion confirmation dialog box

Note that the following data will also be deleted if a zone is deleted:

- The Zone setting of an indoor unit set to the deleted zone

## ■ Inserting a zone

Select a line of a zone on the [Zone] tab (Fig.7), and click the [Insert] button, or select the [Operation] menu > [Tree] > [Insert]. A line will be inserted at the selected location in the zone list.

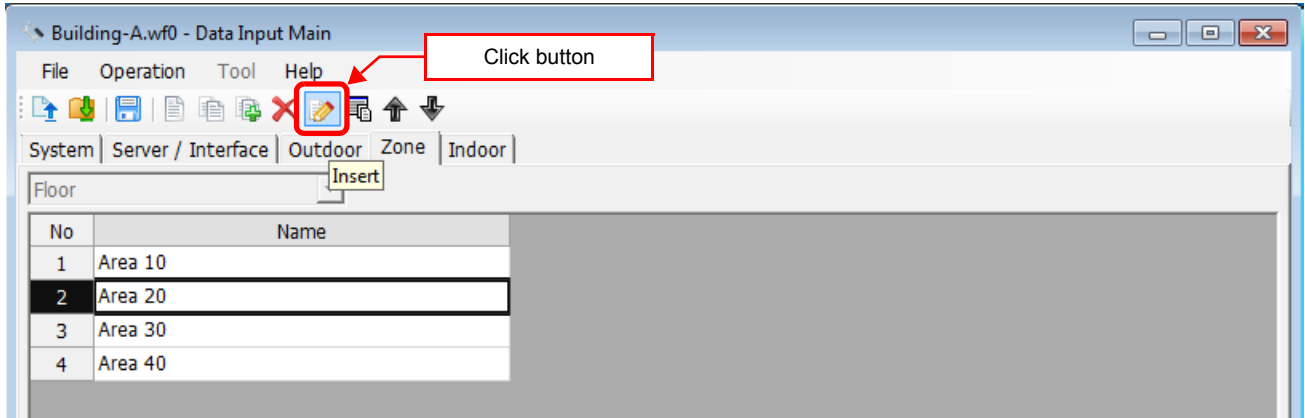


Fig.55 [Zone] tab (Insert button)

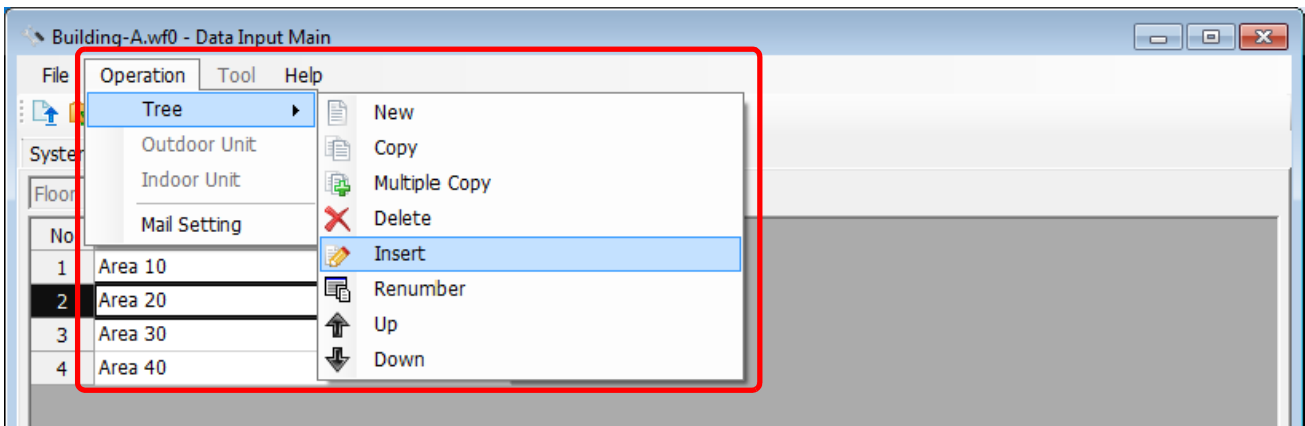


Fig.56 [Zone] tab (Insert menu)

## ■ Renumbering the zones

Click the [Renumber] button, or select the [Operation] menu > [Tree] > [Renumber]. The numbers in the “No” column will be reassigned.

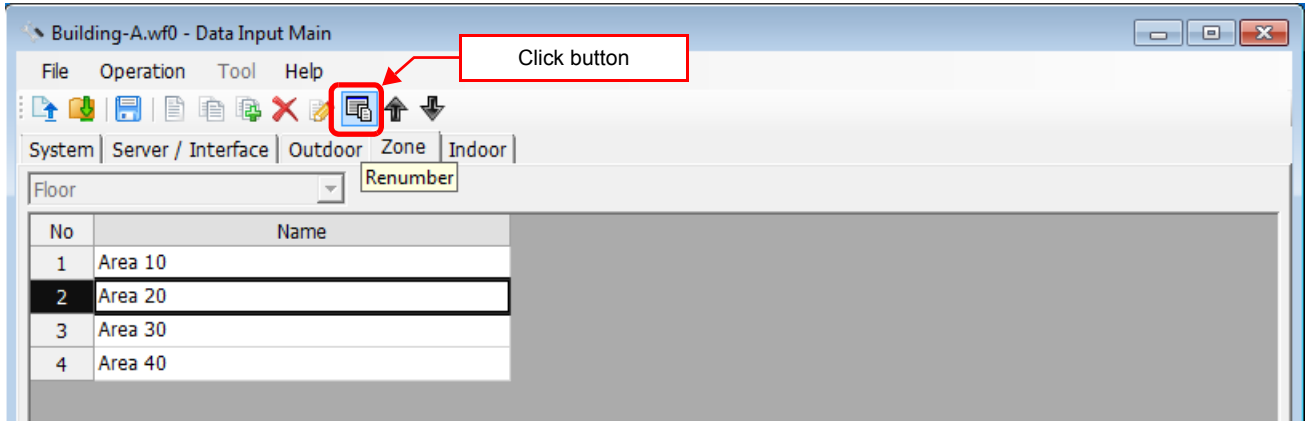


Fig.57 [Zone] tab (Renumber button)

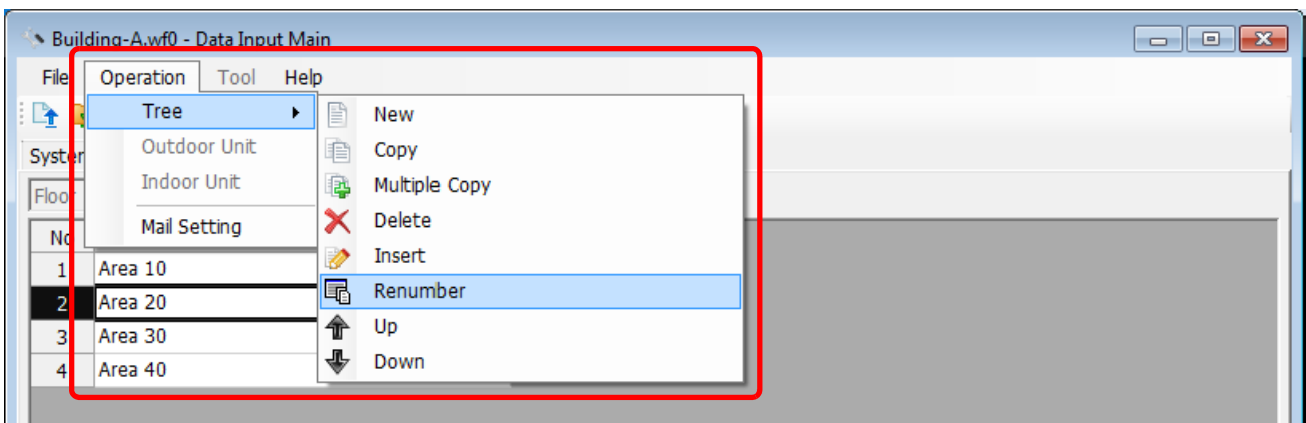


Fig.58 [Zone] tab (Renumber menu)

## ■ Changing the order of the zones

Select a line of a zone on the [Zone] tab, and click the [Up] / [Down] button, or select the [Operation] menu > [Tree] > [Up] / [Down]. The selected line moves up or down.

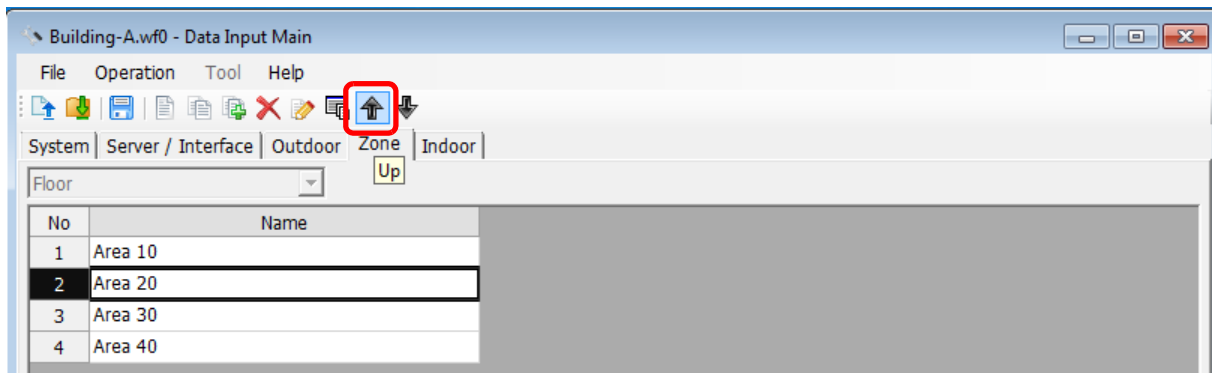


Fig.59 [Zone] tab (Up button)

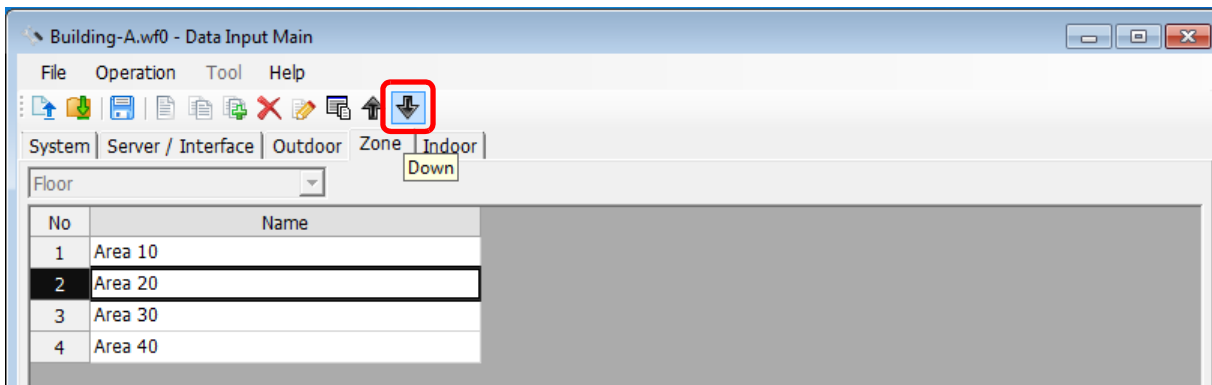


Fig.60 [Zone] tab (Down button)

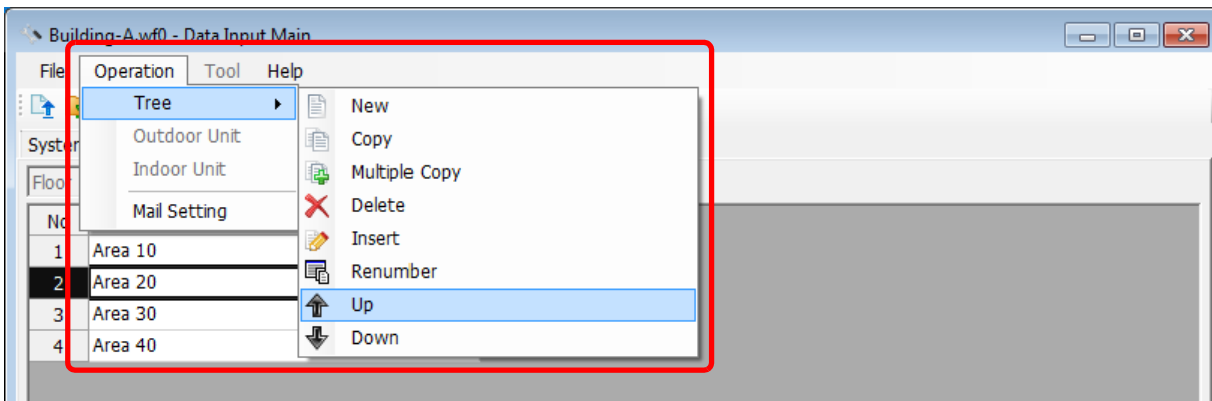


Fig.61 [Zone] tab (Up menu)

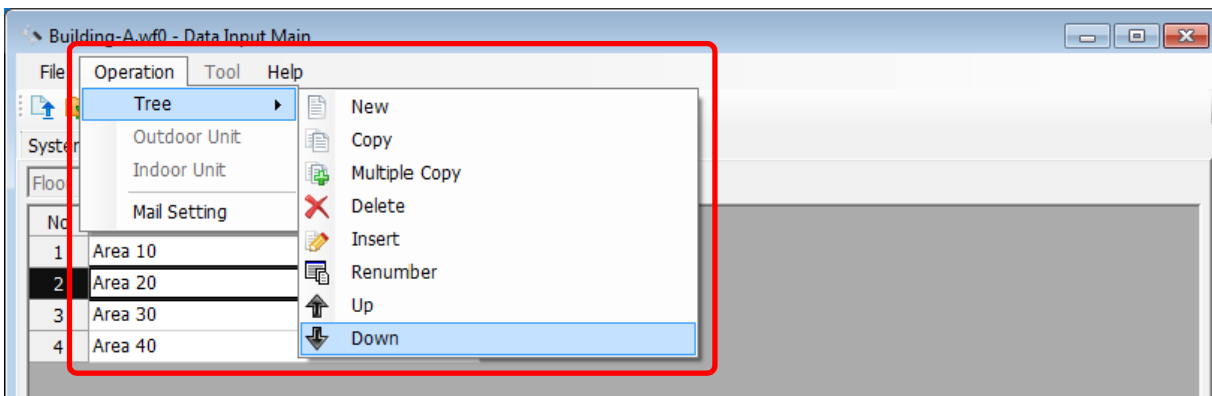


Fig.62 [Zone] tab (Down menu)

## ■ Adding an indoor unit

Click the [New] button, or select the [Operation] menu > [Indoor Unit] > [New]. A line will be added to the indoor unit list.

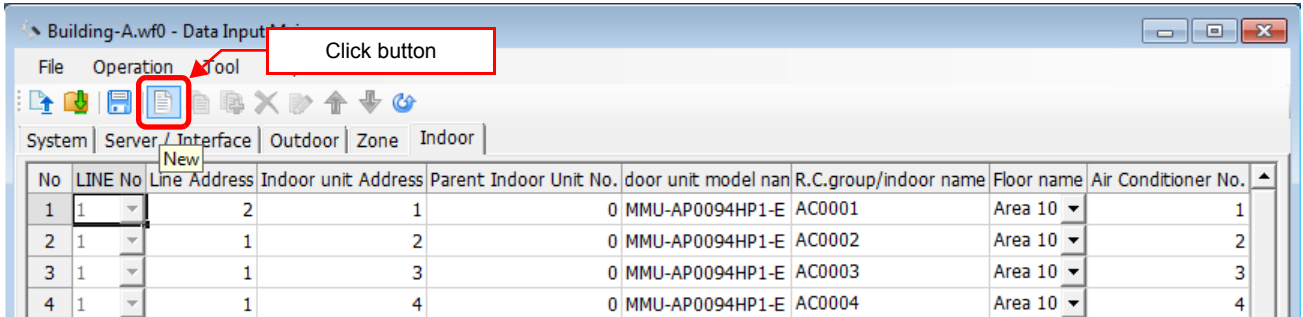


Fig.63 [Indoor] tab (New button)

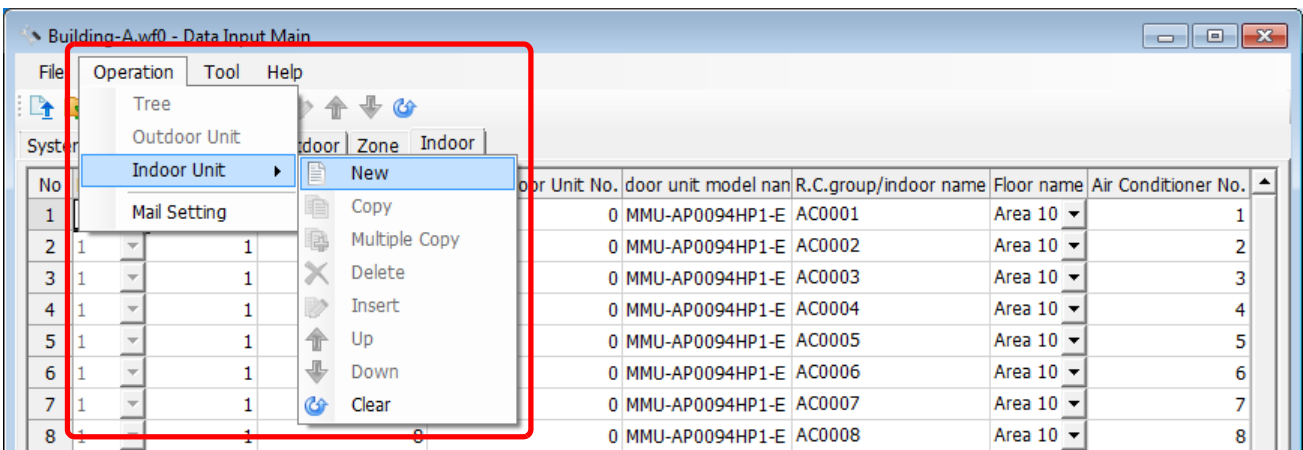


Fig.64 [Indoor] tab (New menu)

The following table shows how to enter / select data:

Item	Data Type	Selection	Note
LINE No.	Cannot be edited		
Line Address	Entered by user		
Indoor unit address	Entered by user		
Parent Indoor Unit No.	Entered by user		
Indoor unit model name	Selected by user	Select from the Select indoor unit model screen	
R.C.group / indoor name	Entered by user		
Floor name	Selected by user	Select from list	
Air Conditioner No.	Entered by user		

Table.5 How to enter / select data

## ■ Selecting an Indoor Unit

Clicking a cell of an indoor unit model name on the [Indoor] tab (Fig.8) displays the Select indoor unit model screen. On the screen, double-click a cell of an indoor unit model, or select a model then click the OK button. "Indoor unit model name" will automatically become available on the [Indoor] tab (Fig.8). To cancel changing the indoor unit setting, click the Cancel button to return to the [Indoor] tab.

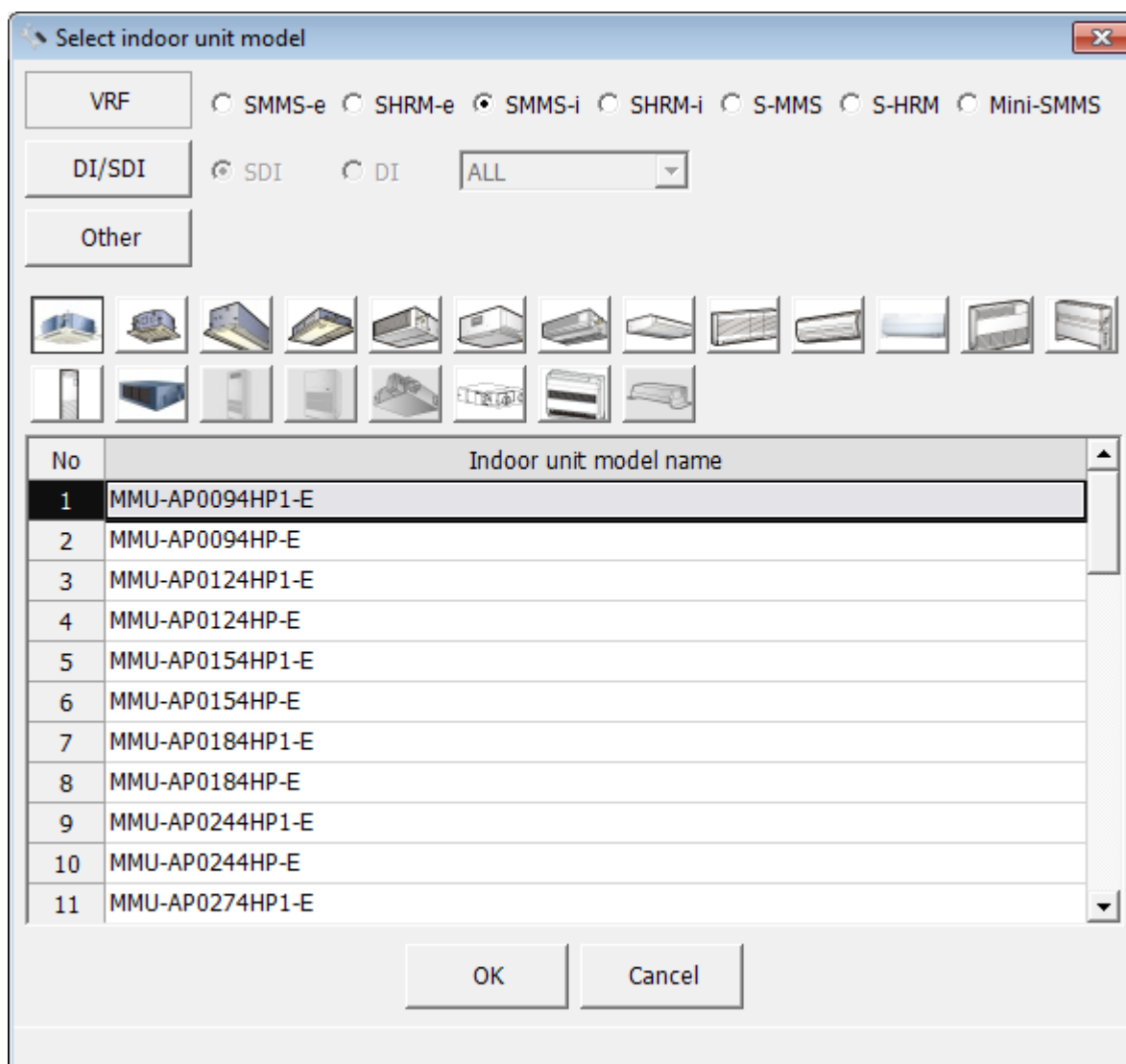


Fig.65 [Select indoor unit model] screen

## ■ Copying the data of an indoor unit

Select a line of an indoor unit on the [Indoor] tab, and click the [Copy] button, or select the [Operation] menu > [Indoor Unit] > [Copy]. The copied indoor unit will be added to the indoor unit list. The numbers of the copied “Indoor unit address” and “R.C.group / indoor name” will automatically be increased in one.

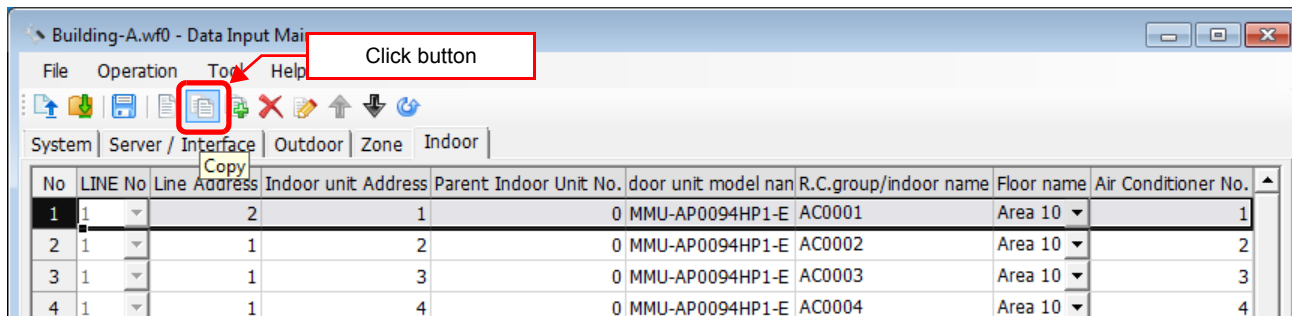


Fig.66 [Indoor] tab (Copy button)

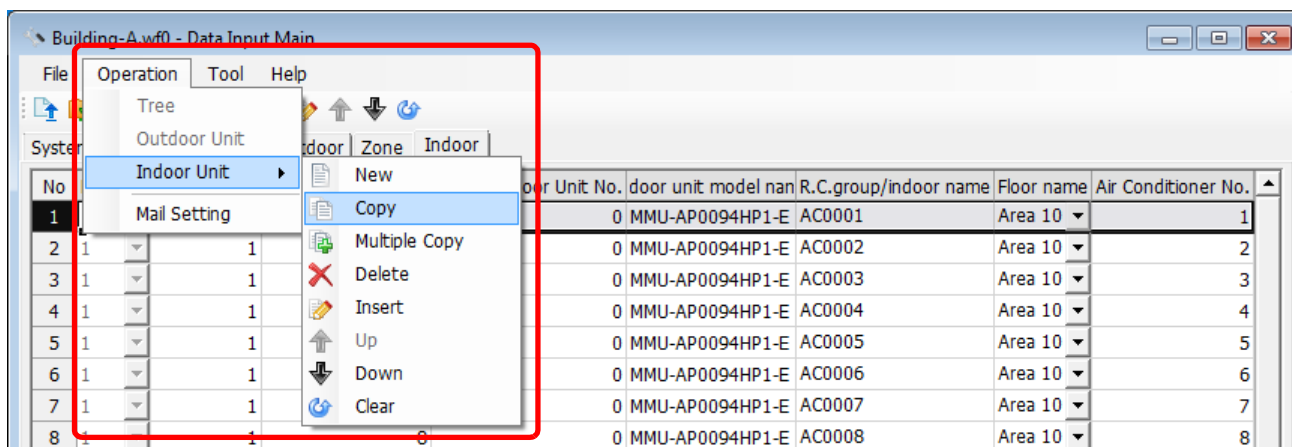


Fig.67 [Indoor] tab (Copy menu)

## ■ Copying the data of multiple indoor units

Select a line of indoor unit on the [Indoor] tab (Fig.8), and click the [Multicopy] button, or select the [Operation] menu > [Indoor Unit] > [Multicopy]. The Copy line count screen appears.

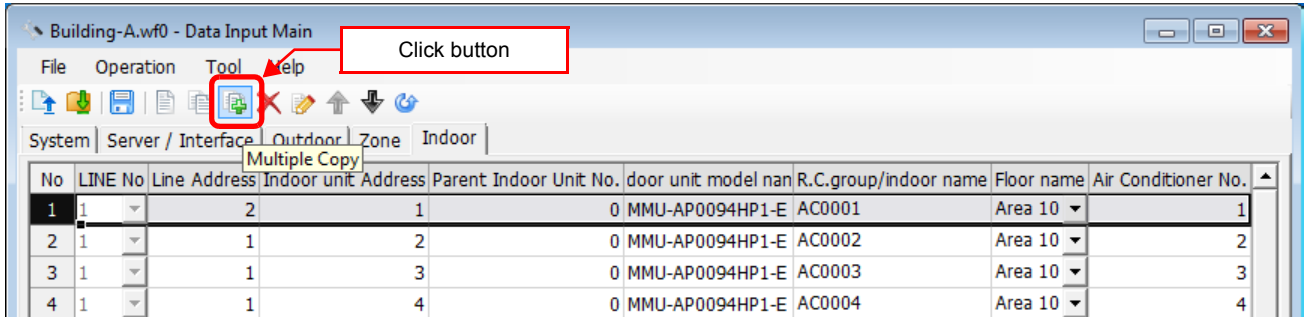


Fig.68 [Indoor] tab (Multicopy button)

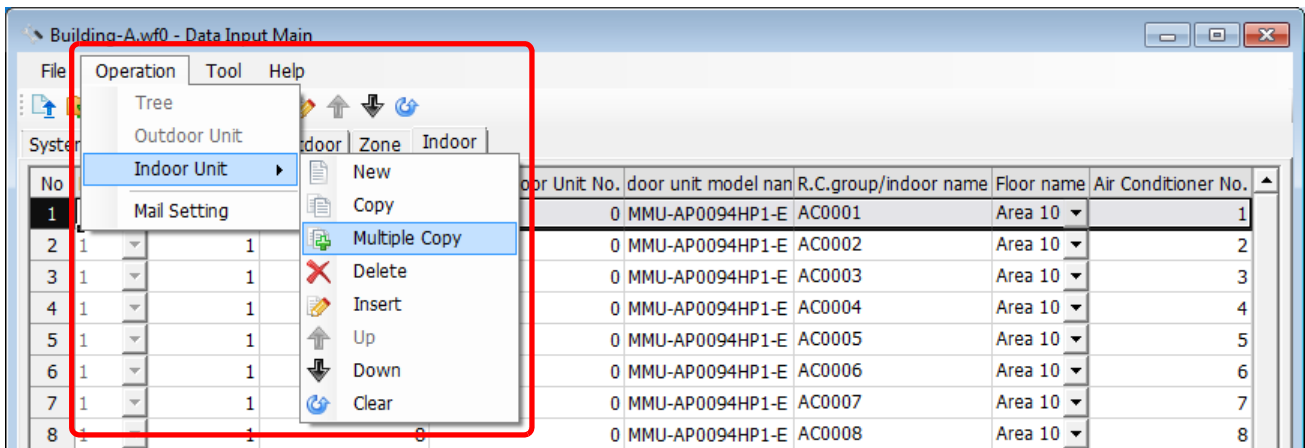


Fig.69 [Indoor] tab (Multicopy menu)

Enter the copy count, then click the OK button. The copied indoor units will be added to the indoor unit list. The numbers of the copied “Indoor unit address” and “R.C.group / indoor name” will automatically be increased in one.

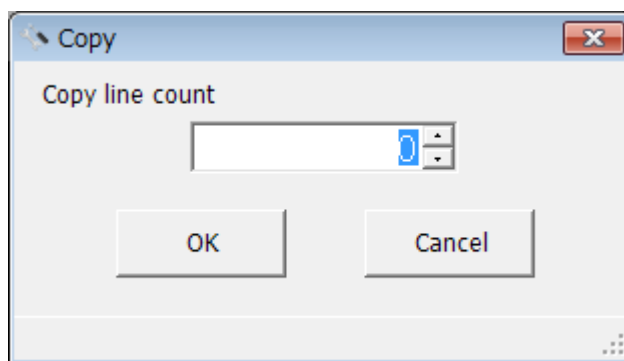


Fig.70 [Copy line count] screen



## ■ Deleting the indoor units

Select one or more lines of indoor units on the [Indoor] tab (Fig.8), and click the [Delete] button, or select the [Operation] menu > [Indoor Unit] > [Delete].

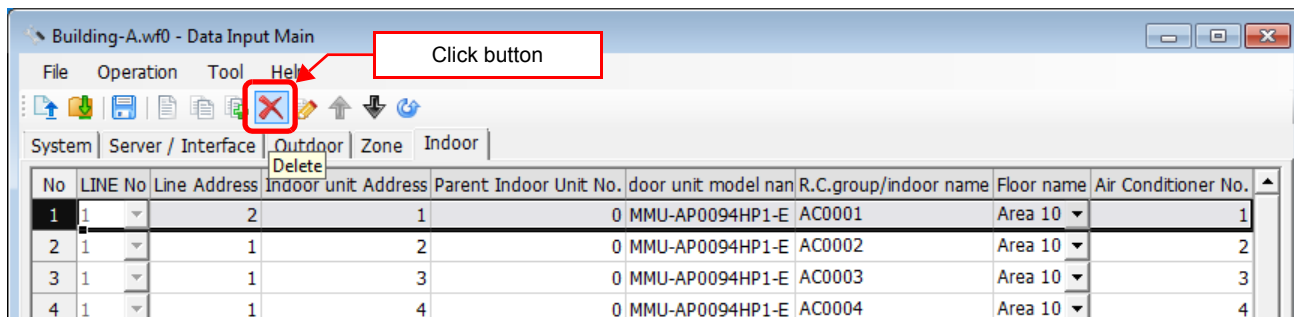


Fig.71 [Indoor] tab (Delete button)

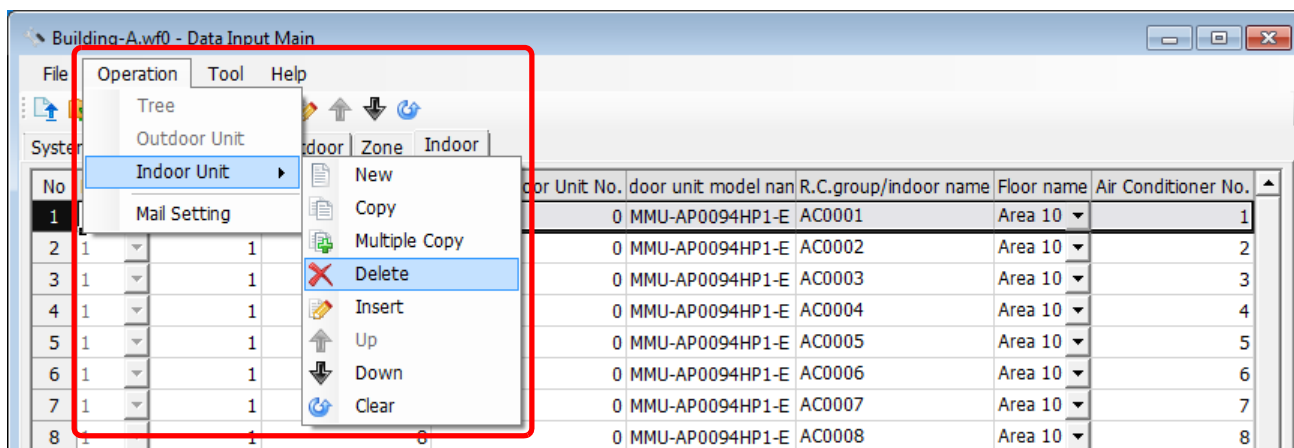


Fig.72 [Indoor] tab (Delete menu)

The deletion confirmation dialog box appears.

Click the OK button to delete. The indoor units will be deleted from the indoor unit list. To cancel deletion, click the Cancel button.

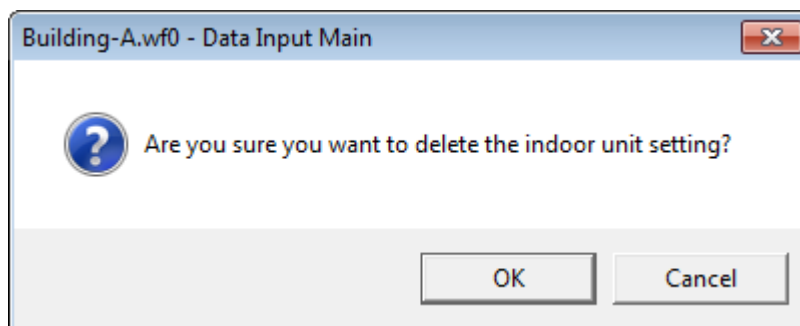


Fig.73 Deletion confirmation dialog box

## ■ Inserting an indoor unit

Select a line of an indoor unit on the [Indoor] tab (Fig.8), and click the [Insert] button, or select the [Operation] menu > [Indoor Unit] > [Insert]. A line will be inserted at the selected location in the indoor unit list.

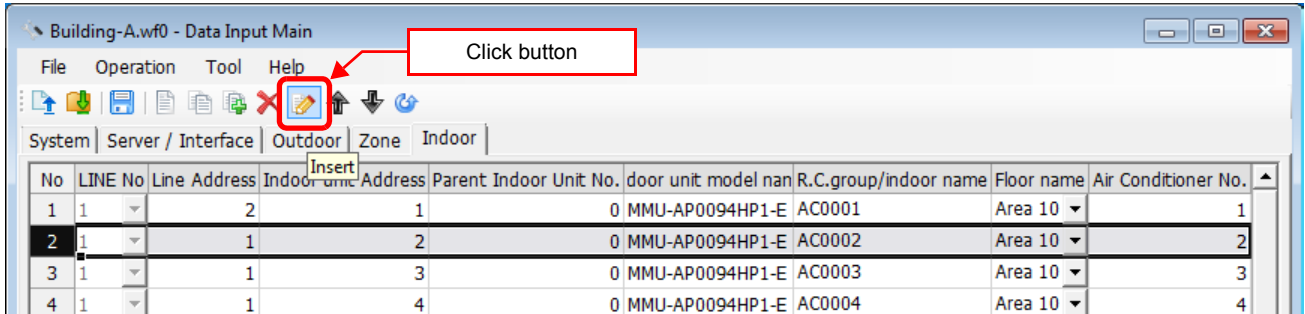


Fig.74 [Indoor] tab (Insert button)

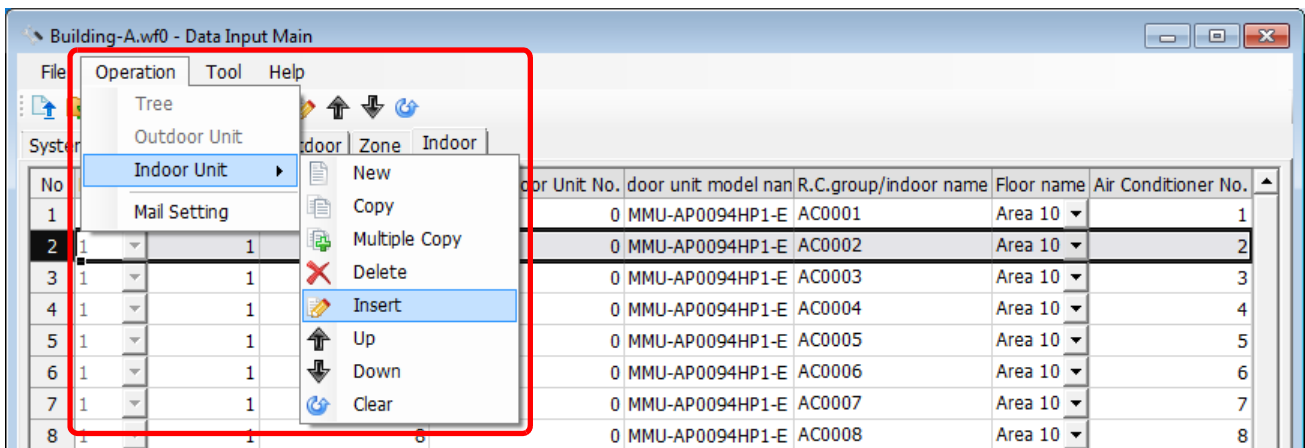


Fig.75 [Indoor] tab (Insert menu)

## ■ Changing the order of the indoor units

Select a line of an indoor unit on the [Indoor] tab, and click the [Up] / [Down] button, or select the [Operation] menu > [Indoor Unit] > [Up] / [Down]. The selected line moves up or down.

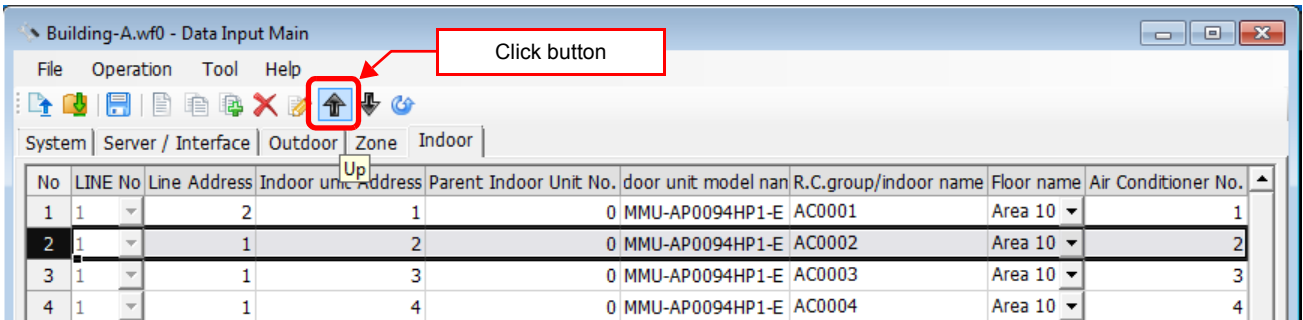


Fig.76 [Indoor Unit] tab (Up button)

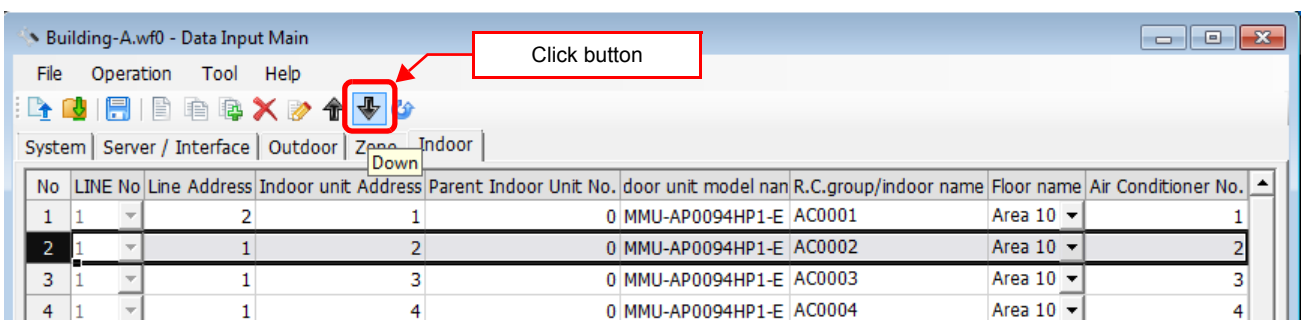


Fig.77 [Indoor Unit] tab (Down button)

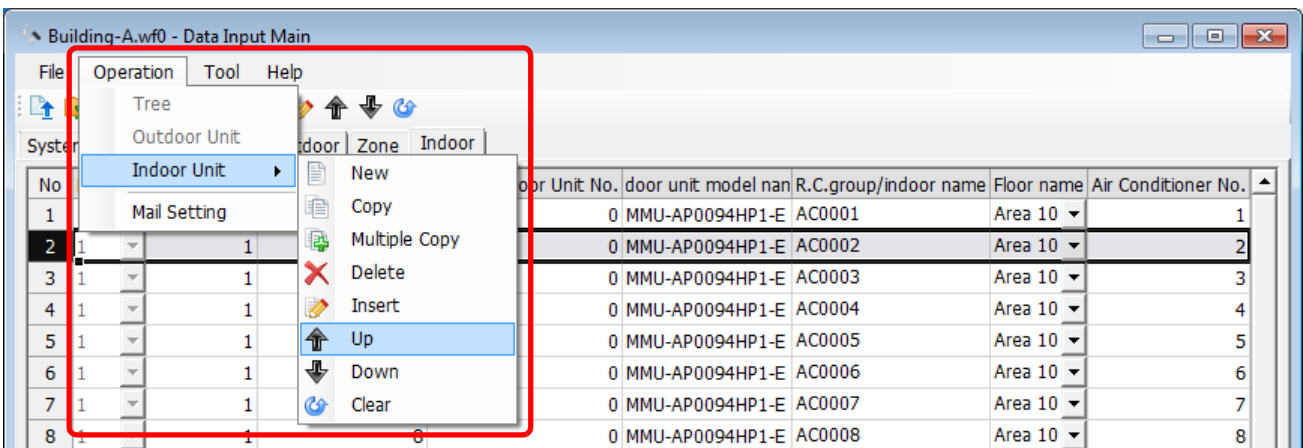


Fig.78 [Indoor Unit] tab (Up menu)

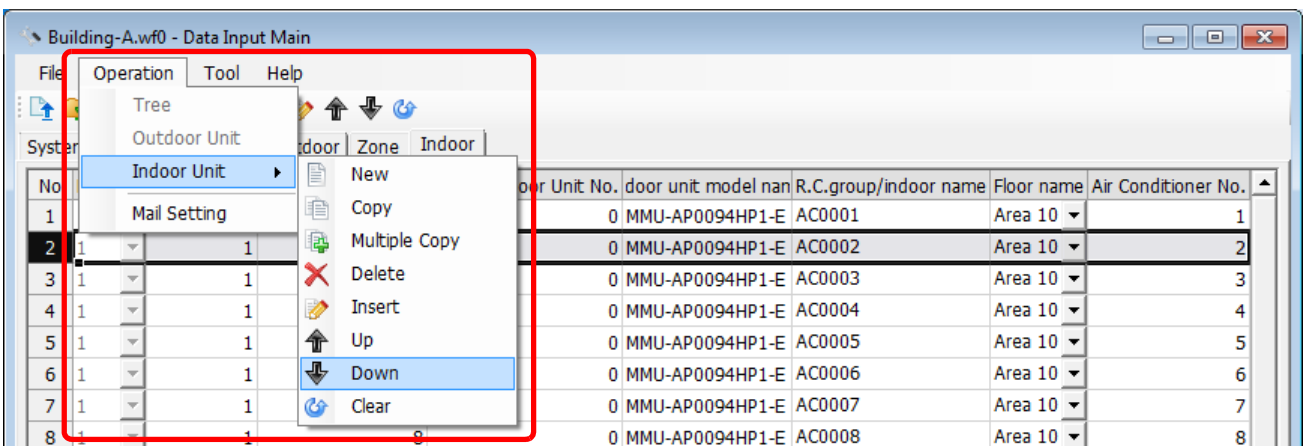


Fig.79 [Indoor Unit] tab (Down menu)

## ■ Deleting all air conditioner No. of the indoor units

Click the [Clear] button, or select the [Operation] menu > [Indoor Unit] > [Clear]. All the Air Conditioner No. will be deleted.

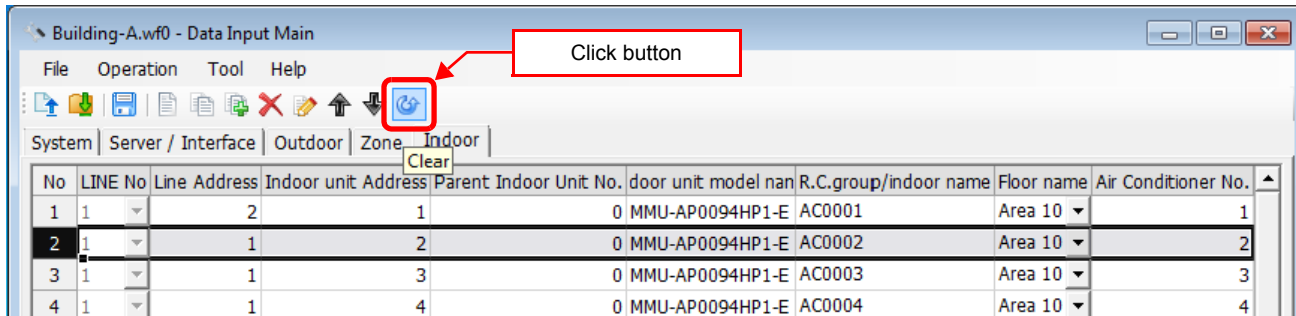


Fig.80 [Indoor Unit] tab (Clear button)

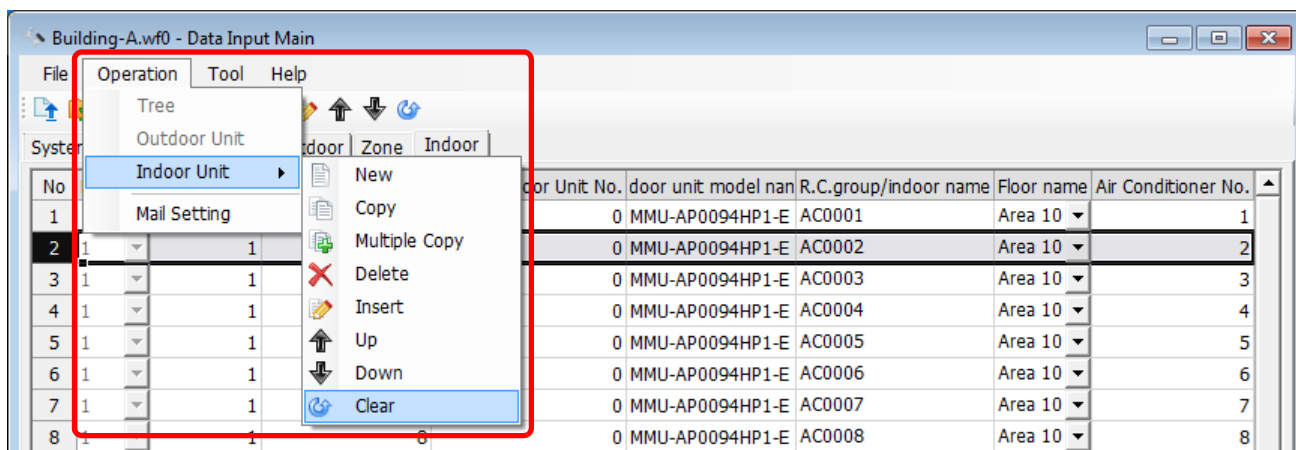


Fig.81 [Indoor Unit] tab (Clear menu)

## ■ Saving created data to a file

Click the [Save] button, or select the [File] menu then [Save Setting File] or [Save Setting File As].

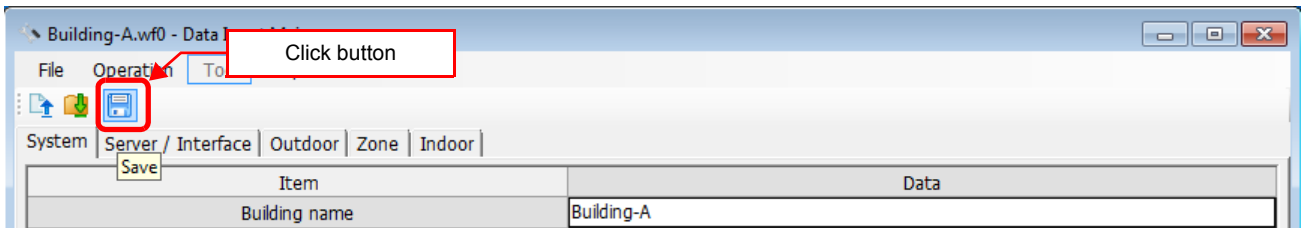


Fig.82 [Save] button

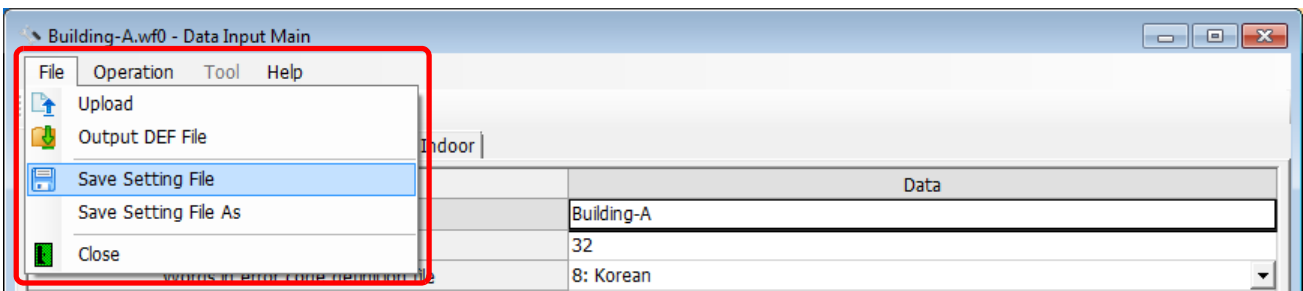


Fig.83 [Save Setting File] menu

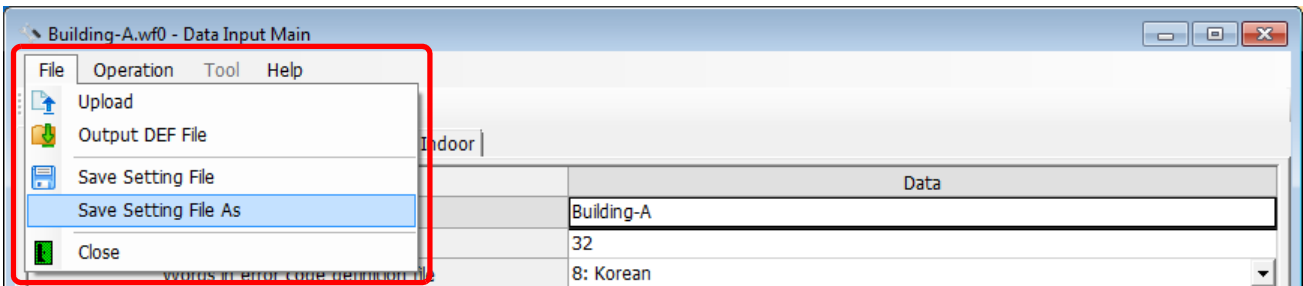


Fig.84 [Save Setting File As] menu

When a new file is created or the menu [Save Setting File As] is selected, the [Save As] screen appears. Select a destination folder and enter a file name.

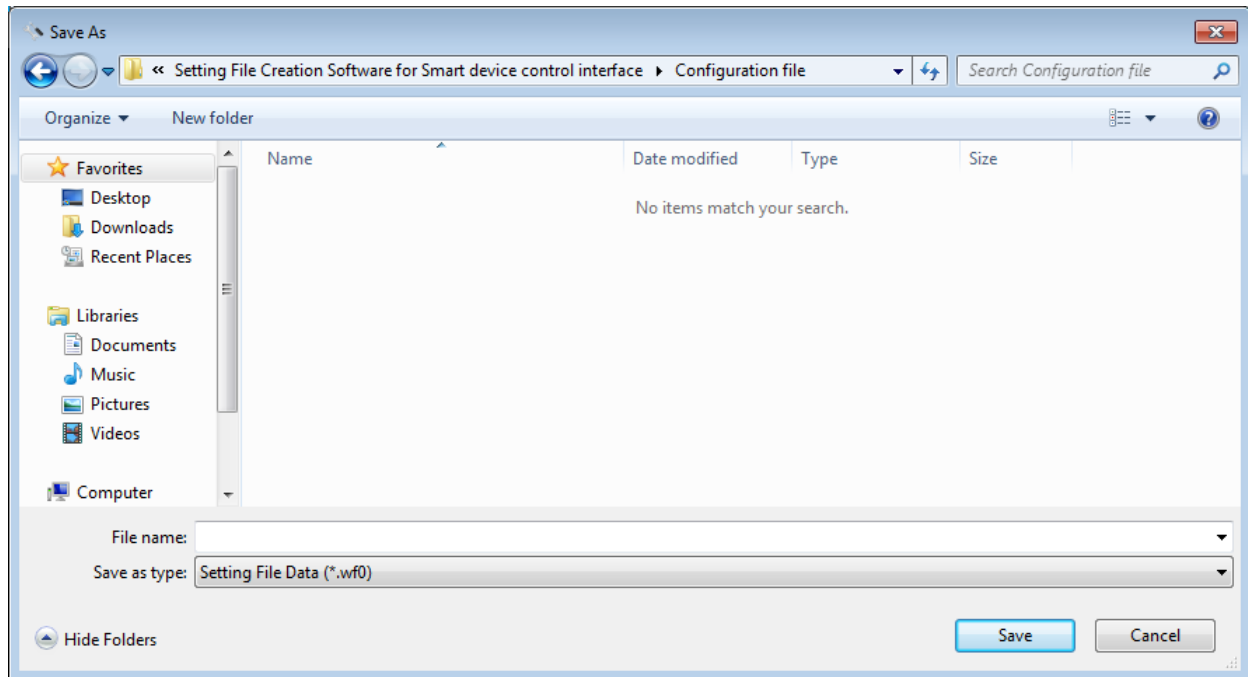


Fig.85 [Save As] screen

When the data is to be saved to an existing file, the overwrite confirmation dialog box appears. Click the OK button to overwrite the file. To cancel saving and return to the data input screen, click the Cancel button.

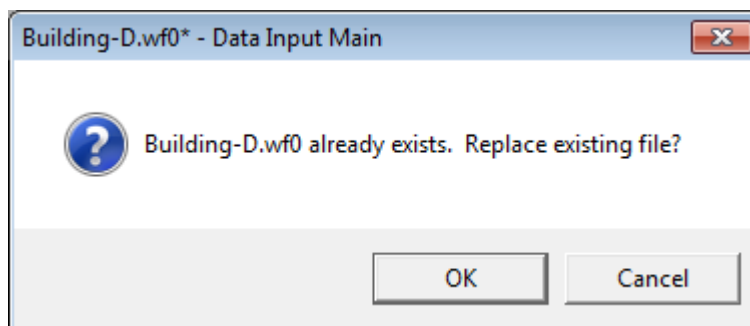


Fig.86 Overwrite confirmation dialog box

## ■ Outputting a DEF File

Click the [Output File] button, or select the [File] menu then [Output DEF File].

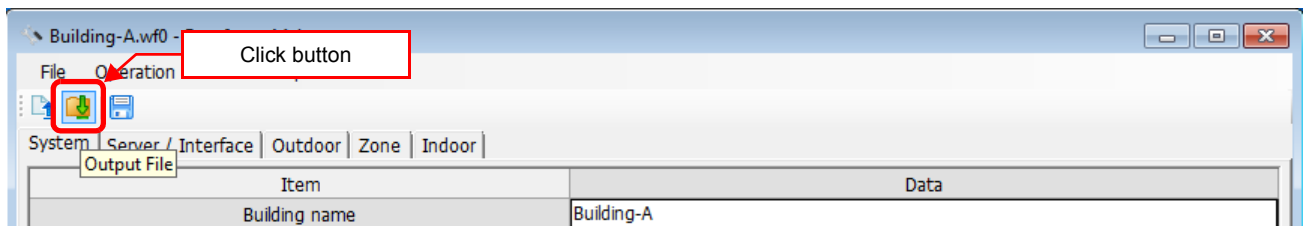


Fig.87 [Output File] button

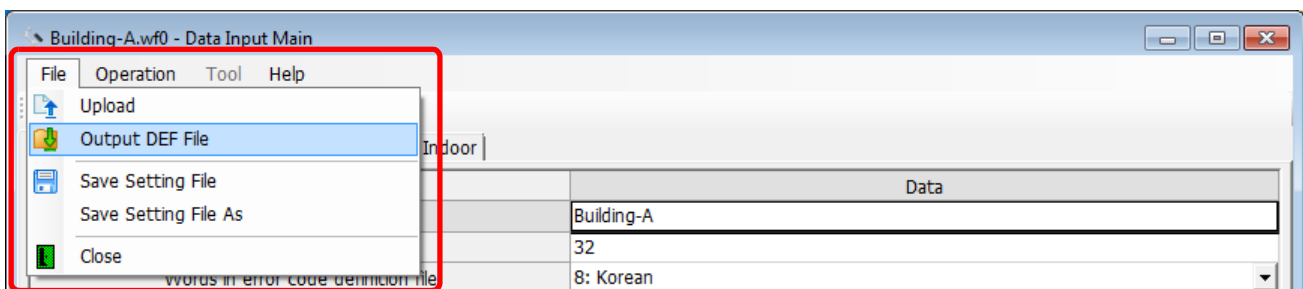


Fig.88 [Output DEF File] menu

The overwrite confirmation dialog box appears. Click the OK button to overwrite the file. To cancel saving and return to the data input screen, click the cancel button.

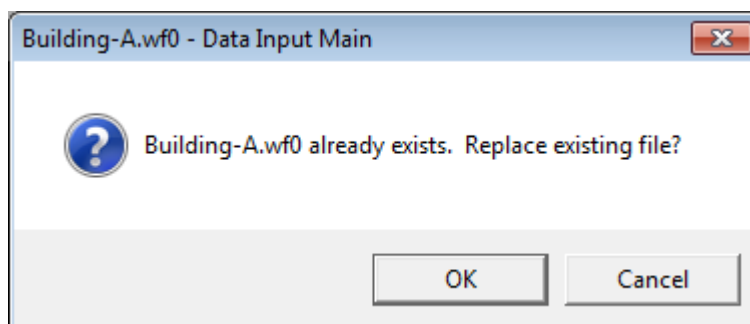


Fig.89 Overwrite confirmation dialog box

The Browse For Folder screen appears. Select a destination folder to save the DEF file to.

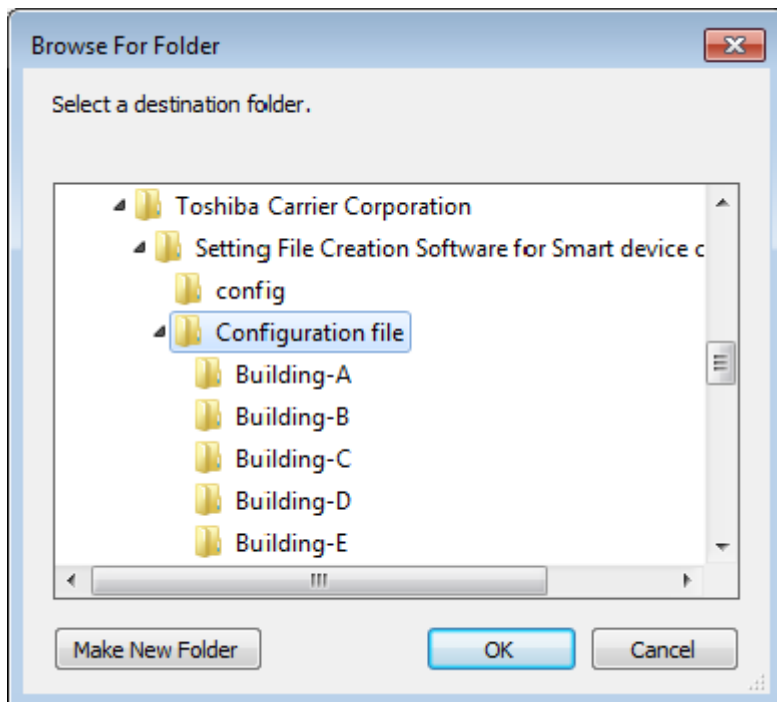


Fig.90 [Browse For Folder] screen

The entered data will be checked. If the data contains an error, the item and error message box appear. Modify the section containing the error.

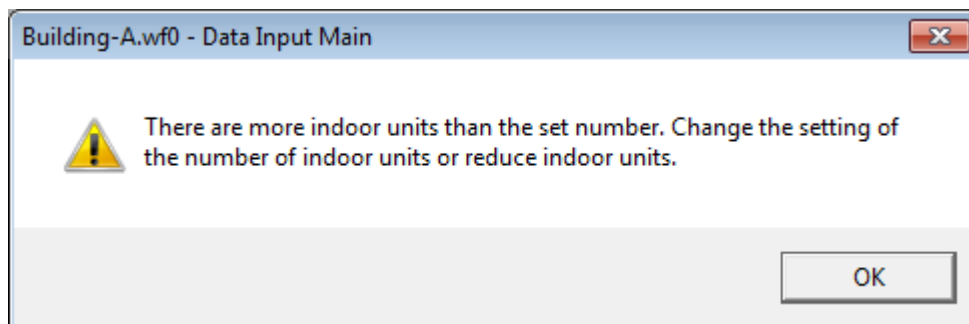


Fig.91 Example of error message box

When the DEF file output is complete, a message appears. Select the “Start up the upload screen.” checkbox and click the OK button. The upload screen appears.

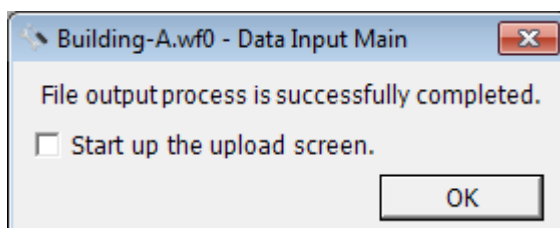


Fig.92 DEF file output complete dialog box



## ■ Deleting a File History

You can delete a selected history item or all the history items.

- Delete Selected History
- Delete All

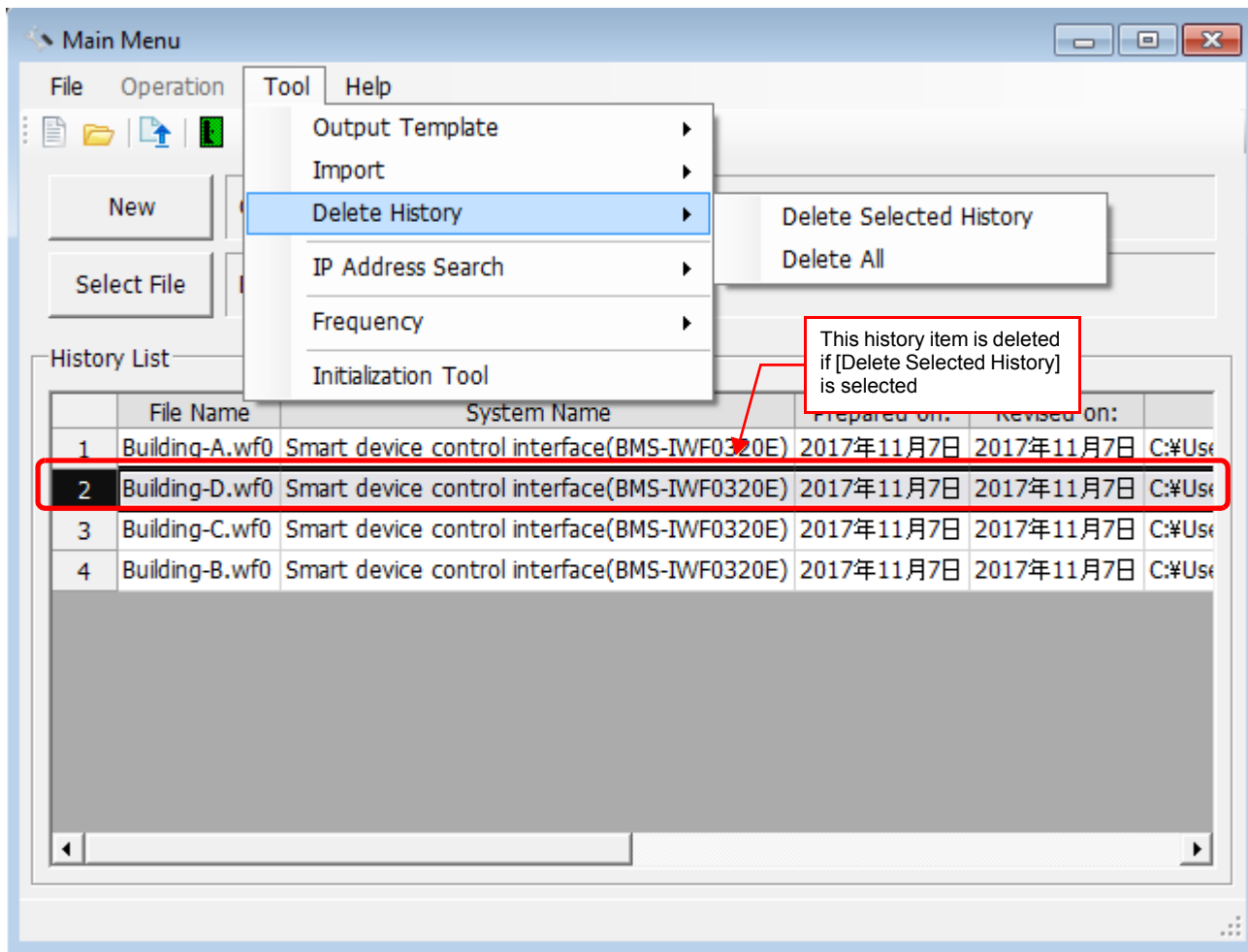


Fig.93 [Main Menu] screen (Delete History)

The deletion confirmation dialog box appears.

Click the OK button to delete. The history item will be deleted from the History List. To cancel deletion, click the Cancel button.

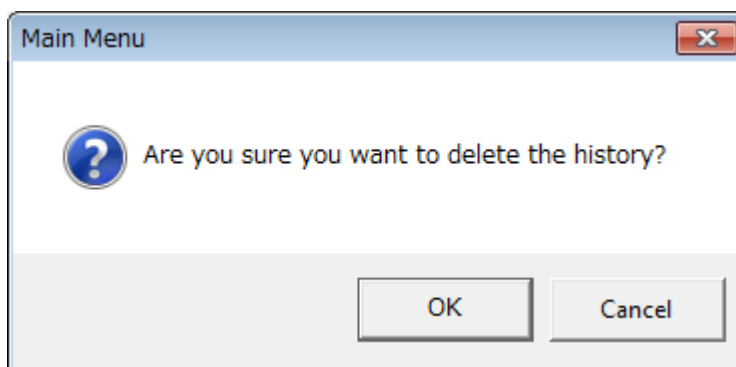


Fig.94 Deletion confirmation dialog box

## ■ Uploading a setting file (DEF File)

Click the [Upload] button or select the [File] menu then [Upload] on the [Main Menu] screen or [Data Input Main] screen. The Upload Settings screen appears.

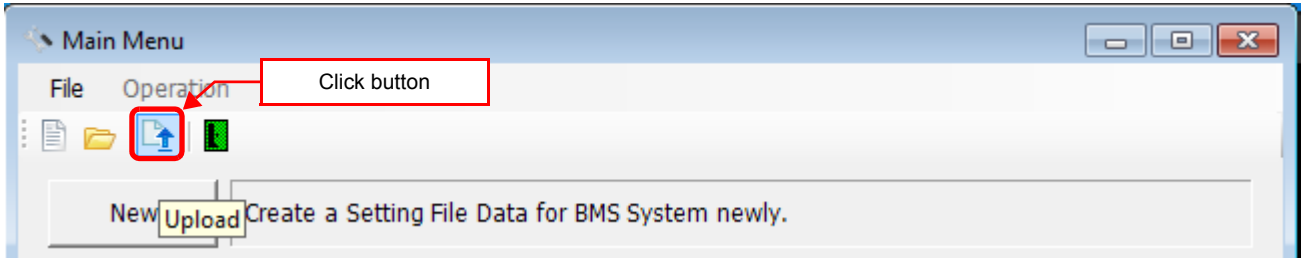


Fig.95 [Main Menu] screen (Upload button)

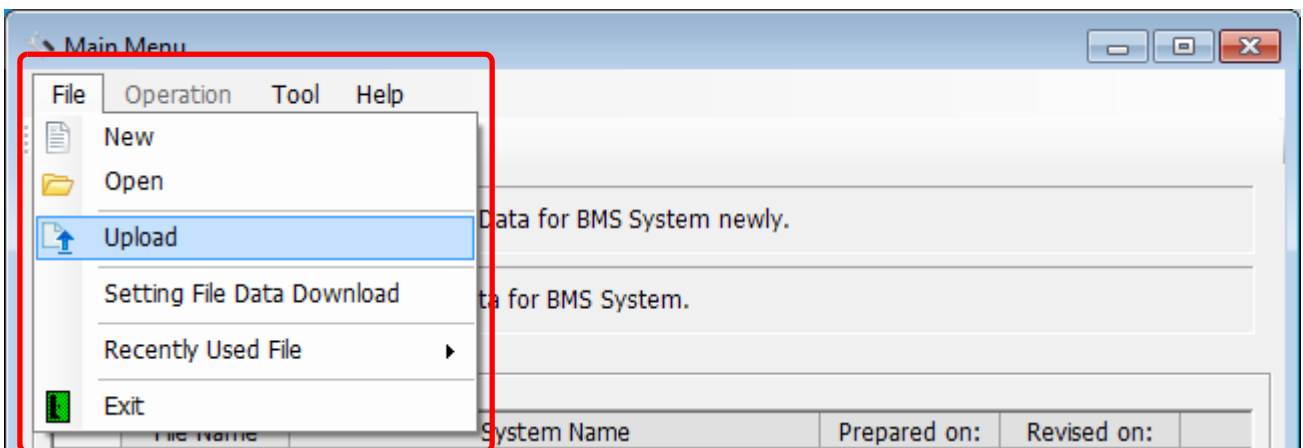


Fig.96 [Main Menu] screen (Upload menu)

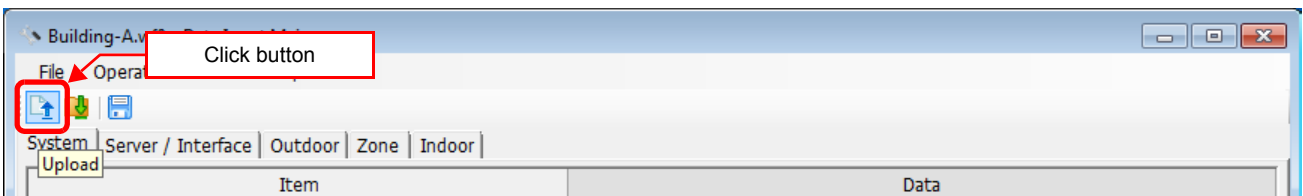


Fig.97 [Data Input Main] screen (Upload button)

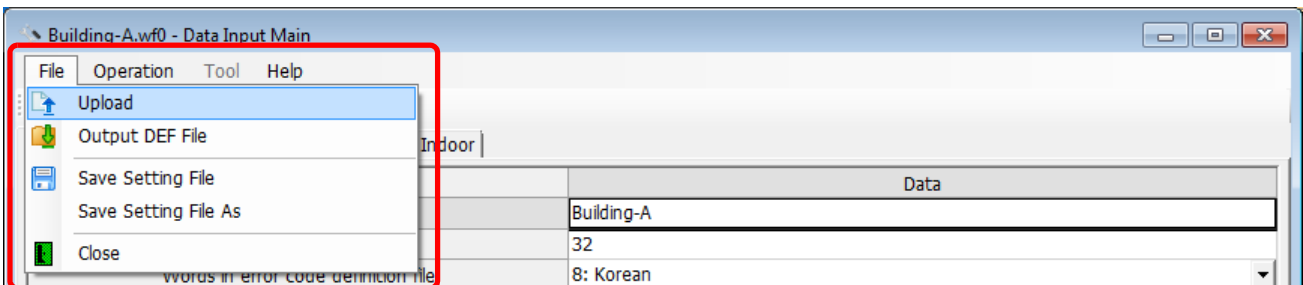


Fig.98 [Data Input Main] screen (Upload menu)

### Specifying Setting File Data

Specify the setting file data to upload.

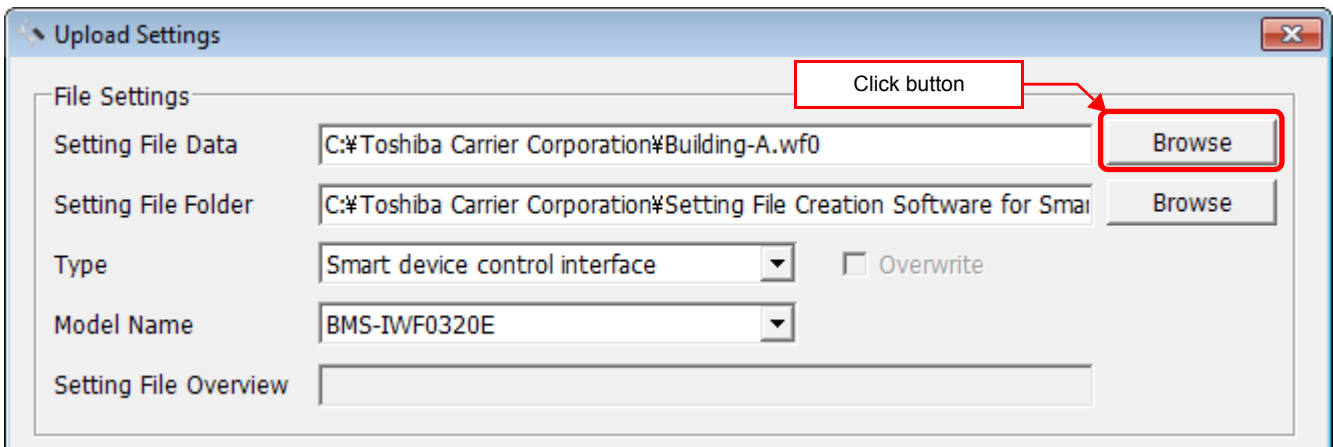


Fig.99 [Upload Settings] screen (Specify file directly)

Select a file on the Open screen.

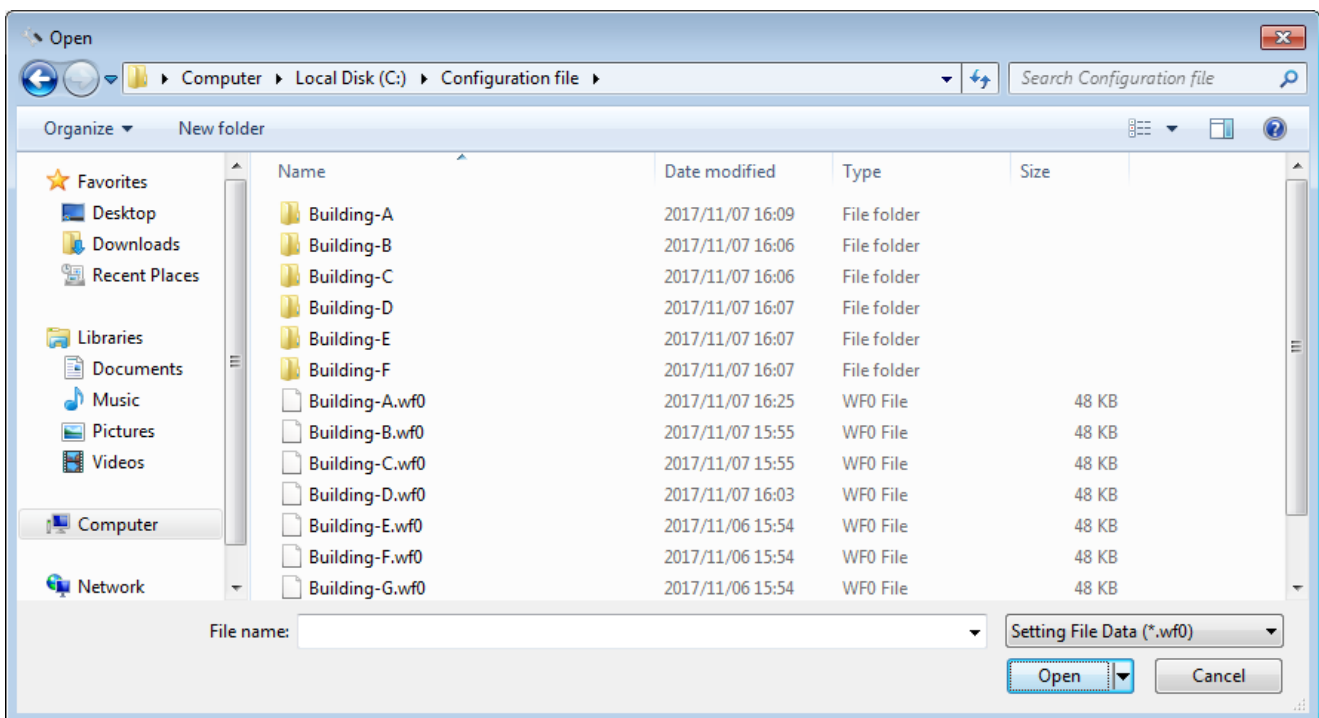


Fig.100 [Open] screen

### Specifying a Setting File Folder

Select a folder. When setting file data is specified, the folder is automatically selected depending on the setting.

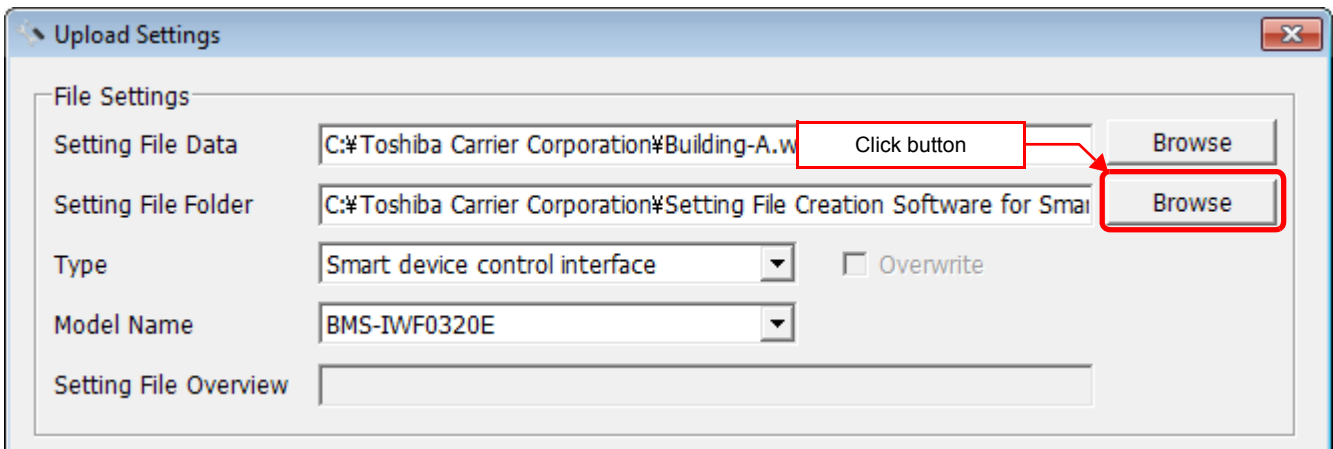


Fig.101 [Upload Settings] screen (Specify folder directly)

Select a folder containing the setting file on the Browse For Folder screen.

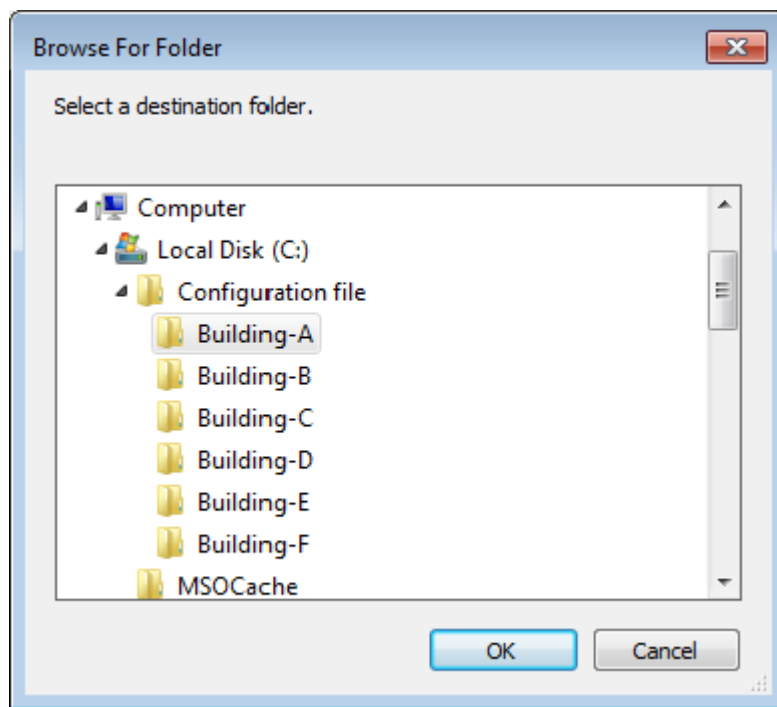


Fig.102 [Browse For Folder] screen

### Specifying a Target System

Select a destination system to upload the file to. When setting file data is specified, the system is automatically selected depending on the settings.

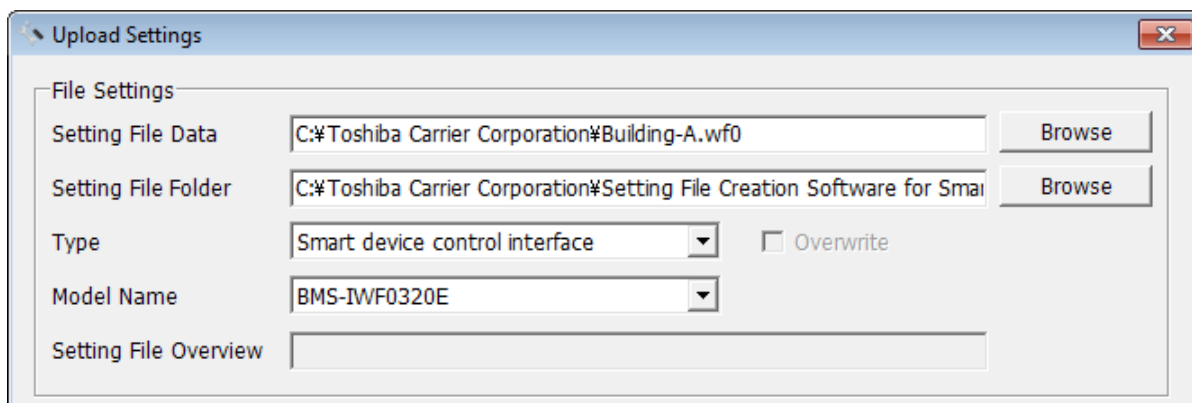


Fig.103 [Upload Settings] screen (Target System)

### Specifying an IP Address

Specify the IP address of the destination system.

When setting file data is specified, the address automatically appears.

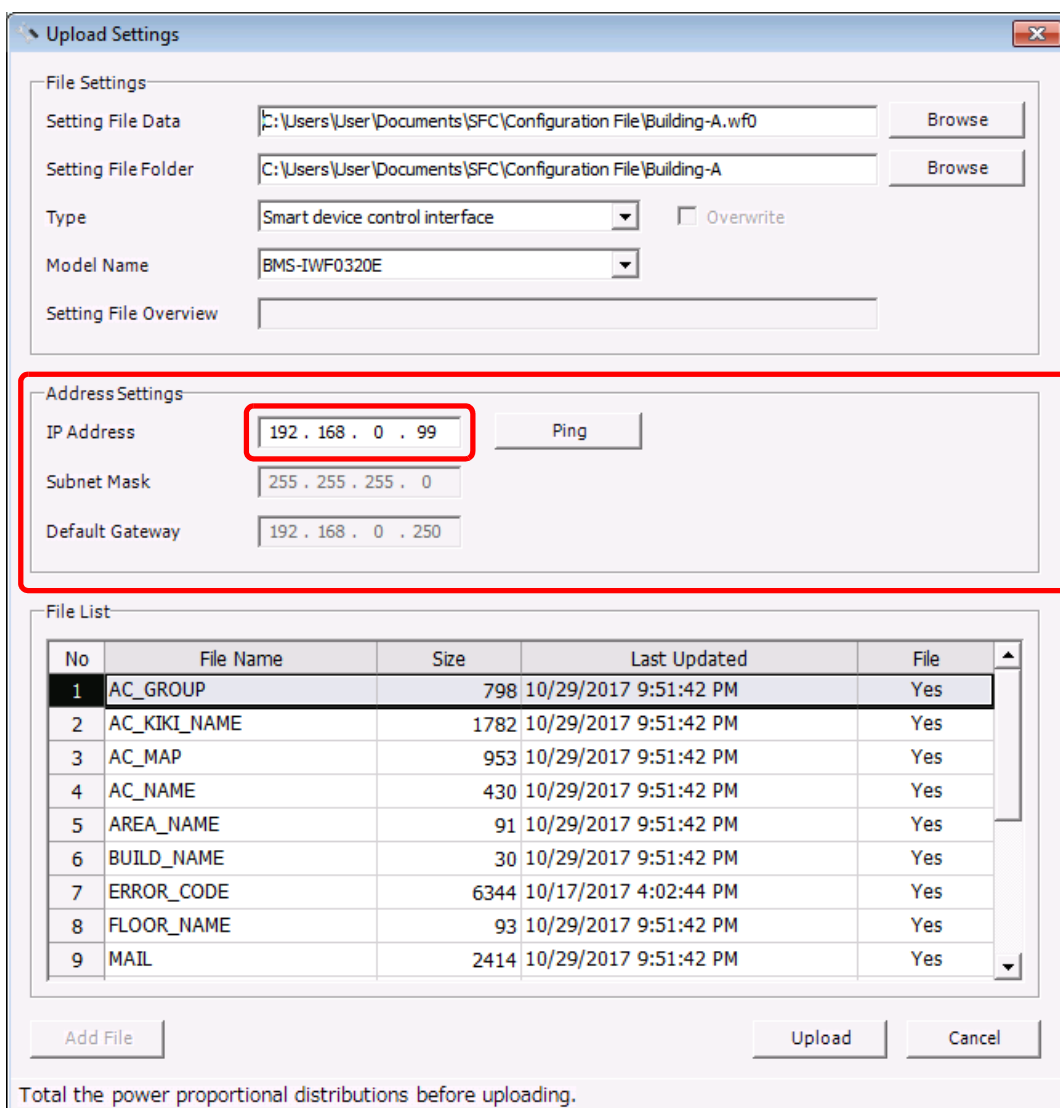


Fig.104 [Upload Settings] screen (IP Address)

The following table shows the items in the File List:

Item	Content
File Name	Name of the file to upload
Size	Size of the file to upload
Last Updated	Last updated time of a file to upload
File	Shows whether a setting file exists in the specified folder Yes: Exists No: Does not exist

### Starting the Upload

After the preparation (P61 to P64) has been completed, click the Upload button. The upload starts.

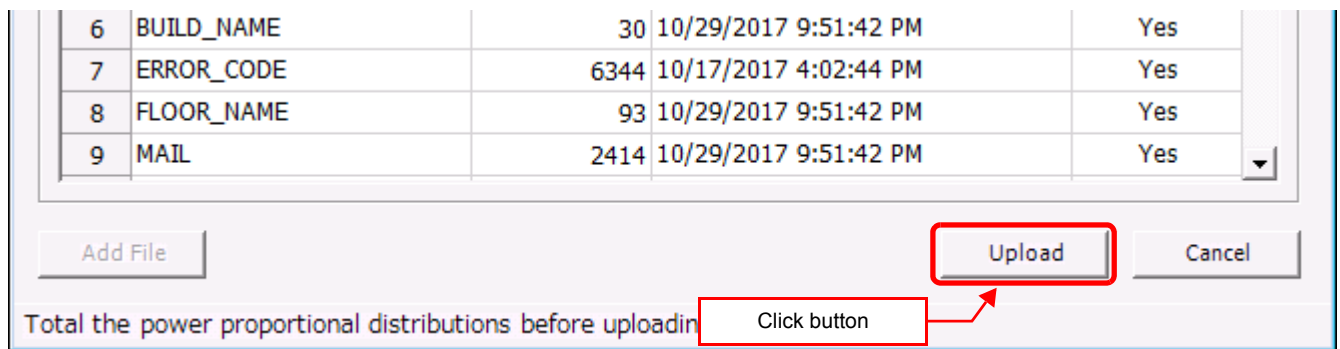


Fig.105 [Upload Settings] screen (Upload button)

The progress bar is displayed during the upload.

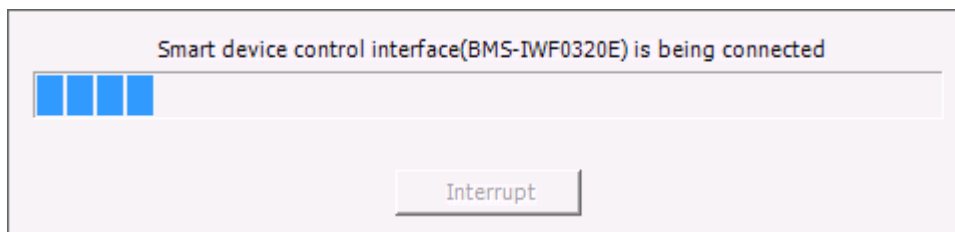


Fig.106 Progress bar

## ■ System settings

### System Tab

The following table shows the settings configured on the System tab:

Item	Content	Data type / range
Building Name	Building name	Characters (Up to 100 bytes, Forbidden: ; , #)
Indoor unit total Q'ty	Number of indoor units	1 - 32
Words in error code definition file	Time when the daily report is output	1: English 2: Chinese (Simplified) 4: Deutsch 5: Espanol 6: Francais 7: Italiano 8: Korean 9: Portuguese 10: Dutch 11: Russian 12: Turkish 13: Greek 14: Czech 15: Croatian 16: Polish
Using Cloud Server	This system connects to Internet or not	0: Valid 1: Void
Using Region Server	Select the server to connect to	0: Europe Server 1: Asia Server

### Server Setting Tab

The following table shows the settings configured on the Server Setting tab:

Item	Content	Data type / range
IP Address acquisition method	Select whether to enter IP address or auto assign by DHCP	
IP Address	IP address of Smart device control interface	Numeric value
Subnet Mask	Subnet mask of Smart device control interface	Numeric value
Default Gateway	Gateway of Smart device control interface	Numeric value
Proxy Setting	Proxy Setting of Smart device control interface	Characters
DNS Setting	DNS Setting of Smart device control interface	Characters

### Outdoor Tab

The following table shows the settings configured on the Outdoor tab:

Item	Content	Data type / range
LINE No.	Cannot be edited	1
Line address	Refrigerant line number	1 - 32
Outdoor unit combination model name	Select the outdoor unit models	
Outdoor unit model name	Select the outdoor unit models	
Outdoor name	Enter the line name	Character
Outdoor unit address	Unit number	

**Zone Tab (Floor only)**

The following table shows the settings configured on the Zone tab:

Item	Content	Data type / range
Name	Floor name	Characters (Up to 100 bytes, Forbidden: ; , #)

**Indoor Tab**

The following table shows the settings configured on the Indoor tab:

Item	Content	Data type / range
LINE No.	Cannot be edited	1
Line Address	Refrigerant line number	1 - 32
Indoor unit address	Unit number	1 - 64
Parent Indoor Unit No.	Number to distinguish parent and child	0: Parent 1 – 32: Child
Indoor unit model name	Select from indoor unit models	
R.C.group / indoor name	Enter the line name	Characters (Up to 100 bytes, Forbidden: ; , #)
Floor name	Select the floor	No setting Floor name list
Air Conditioner No.	Air-conditioner number	1 - 32



# 8 Creating a setting file using the import function

## ■ Outputting a template

Output a template (Excel file) in which you enter information on an air conditioner connected to a BMS model. Select the [Tool] menu then [Output Template] on the Main Menu screen, and then select a BMS model.

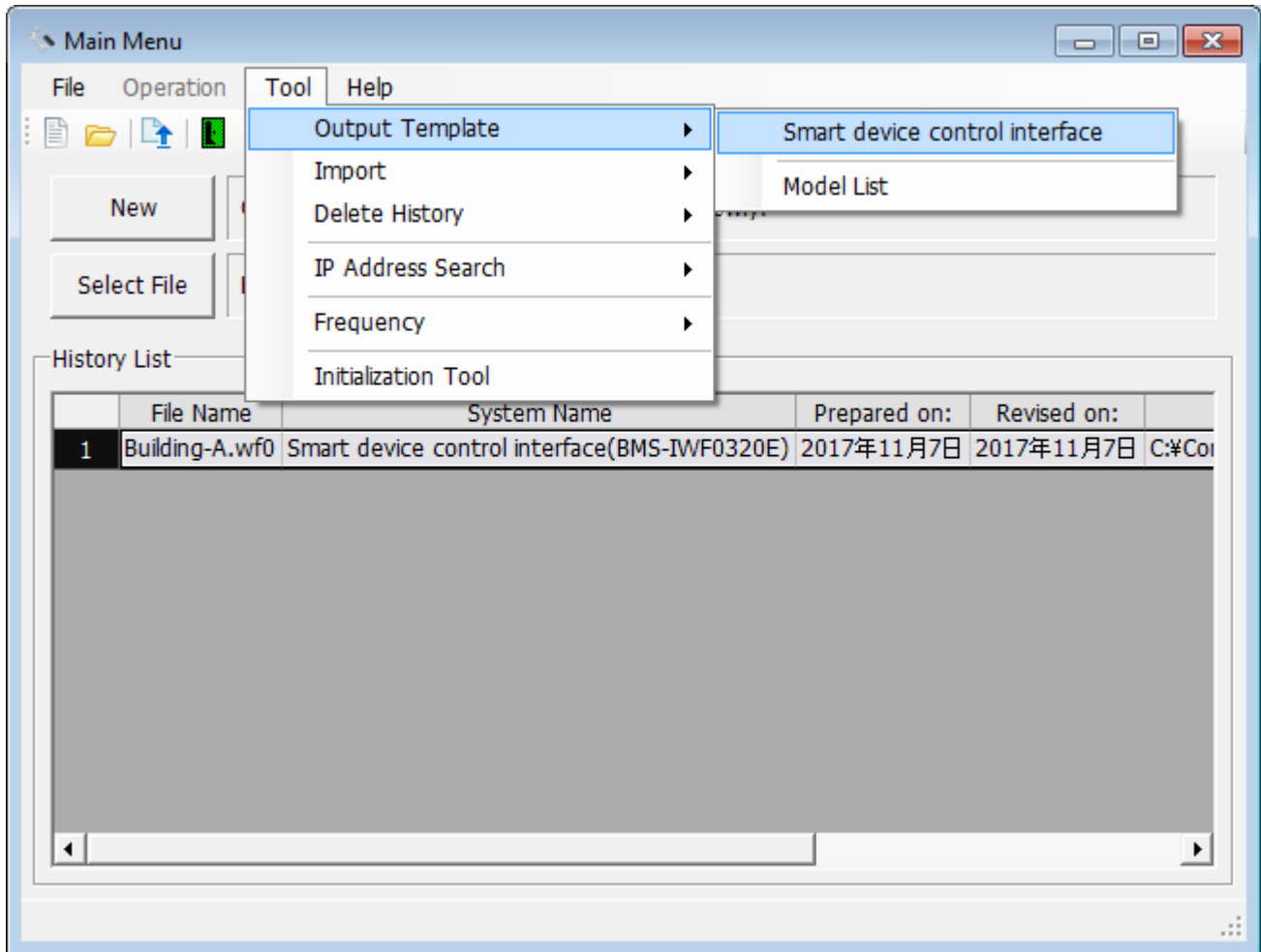


Fig.107 [Main Menu] screen

Select the destination folder and enter a file name to save the template. A message appears, and then the template is output.

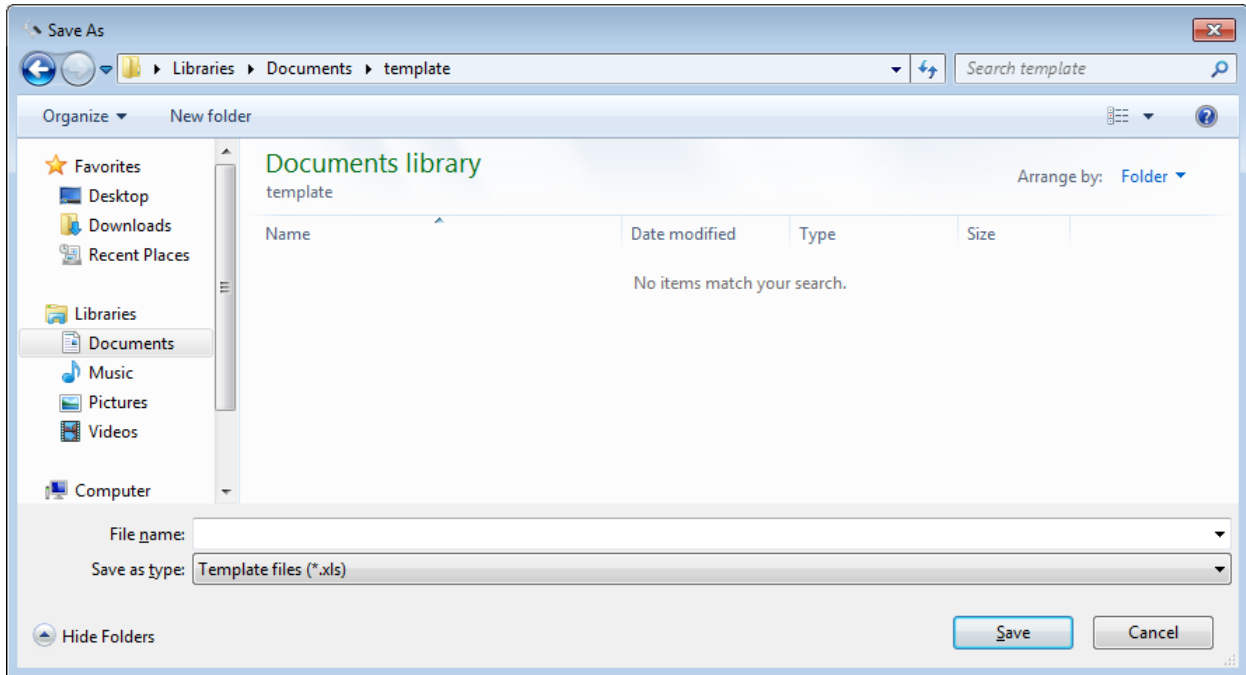


Fig.108 [Save As] screen

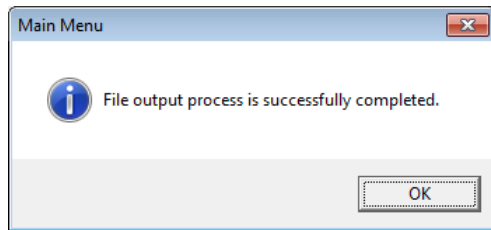


Fig.109 Output completion dialog box

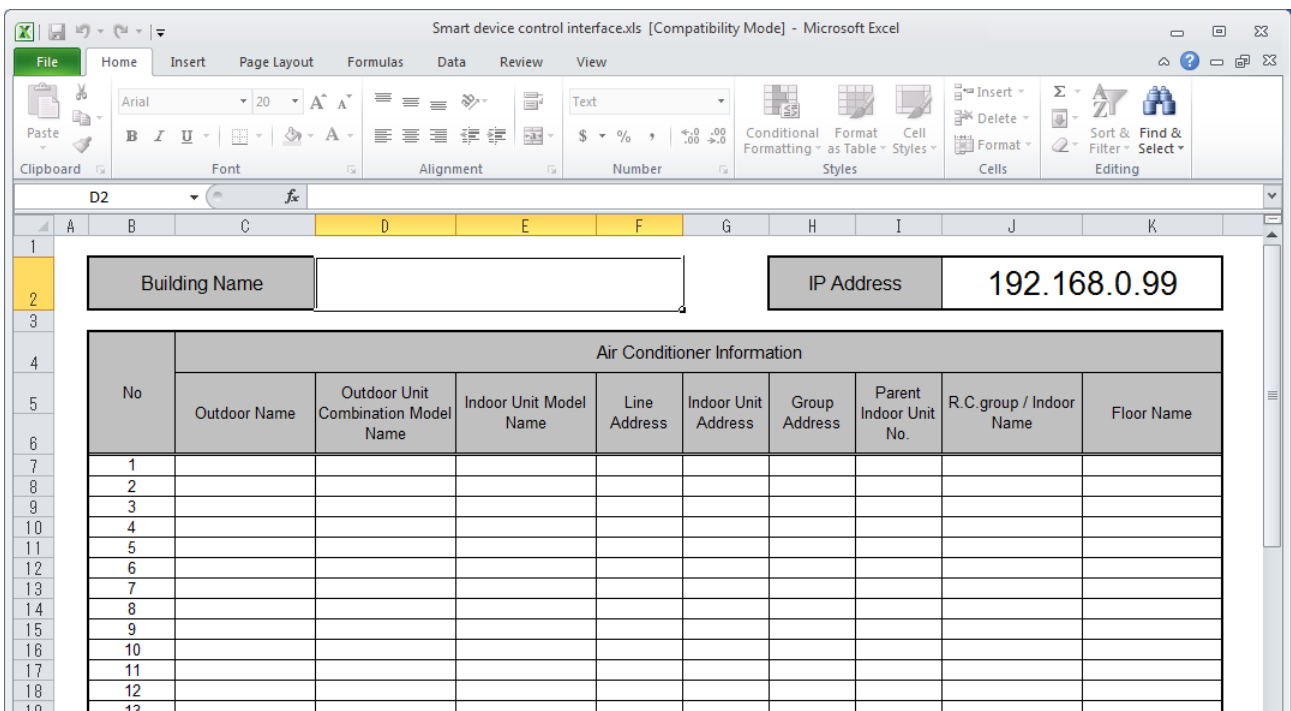


Fig.110 Template for Smart device control interface

## ■ Setting air conditioner information in the template

Set the air conditioner name, model name, address, zone. For the model name, refer to the model list output by selecting [Tool] > [Output Template] > [Model List] on the Main Menu screen.

Building Name		Annex				IP Address		192.168.0.99	
Air Conditioner Information									
No	Outdoor Name	Outdoor Unit Combination Model Name	Indoor Unit Model Name	Line Address	Indoor Unit Address	Group Address	Parent Indoor Unit No.	R.C.group / Indoor Name	Floor Name
1	PAC001	MCY-MAP0401HT	MMU-AP0091H	1	1	0	0	AC001	Floor-A
2	PAC001	MCY-MAP0401HT	MMU-AP0091H	1	2	0	0	AC002	Floor-A
3	PAC001	MCY-MAP0401HT	MMU-AP0091H	1	3	0	0	AC003	Floor-A
4	PAC001	MCY-MAP0401HT	MMU-AP0091H	1	4	0	0	AC004	Floor-A
5	PAC001	MCY-MAP0401HT	MMU-AP0091H	1	5	0	0	AC005	Floor-A
6	PAC001	MCY-MAP0401HT	MMU-AP0091H	1	6	0	0	AC006	Floor-B
7	PAC001	MCY-MAP0401HT	MMU-AP0091H	1	7	0	0	AC007	Floor-B
8	PAC001	MCY-MAP0401HT	MMU-AP0091H	1	8	0	0	AC008	Floor-B
9	PAC001	MCY-MAP0401HT	MMU-AP0091H	1	9	0	0	AC009	Floor-B
10	PAC001	MCY-MAP0401HT	MMU-AP0091H	1	10	0	0	AC010	Floor-B
11									
12									
13									
14									

Fig.111 Example: Template for Smart device control interface

Outdoor Unit Combination Model Name	Indoor Unit Model Name	DI/SDI	Outdoor Unit Combination Model Name	Indoor Unit Model Name
MCY-MAP0401HT	MMU-AP0091H	RAV-SM563AT-E	DI3_RAV-SM564UT-E	
MCY-MAP0501HT	MMU-AP0121H	RAV-SM561AT-E	DI1_RAV-SM560UT-E	
MCY-MAP0601HT	MMU-AP0151H	RAV-SM562AT-E	DI2_RAV-SM562UT-E	
MCY-MHP0305HT	MMU-AP0181H	RAV-SM562AT-E	DI2_RAV-SM564UT-E	
MCY-MHP0405HT	MMU-AP0241H	RAV-SM803AT-E	DI3_RAV-SM804UT-E	
MCY-MHP0404HT	MMU-AP0271H	RAV-SM563AT-E	DI3_RAV-SM563UT-E	
MCY-MHP0504HT	MMU-AP0301H	RAV-SP1104AT-E	SDI4_RAV-SM1104UT-E	

Fig.112 [Model List]

## ■ Importing

Apply air conditioner information in the Excel file to the Setting File Creation Software by selecting and importing a file containing the air conditioner information as a template.

Select the [Tool] menu then [Import] on the Main Menu screen, and then select a BMS model.

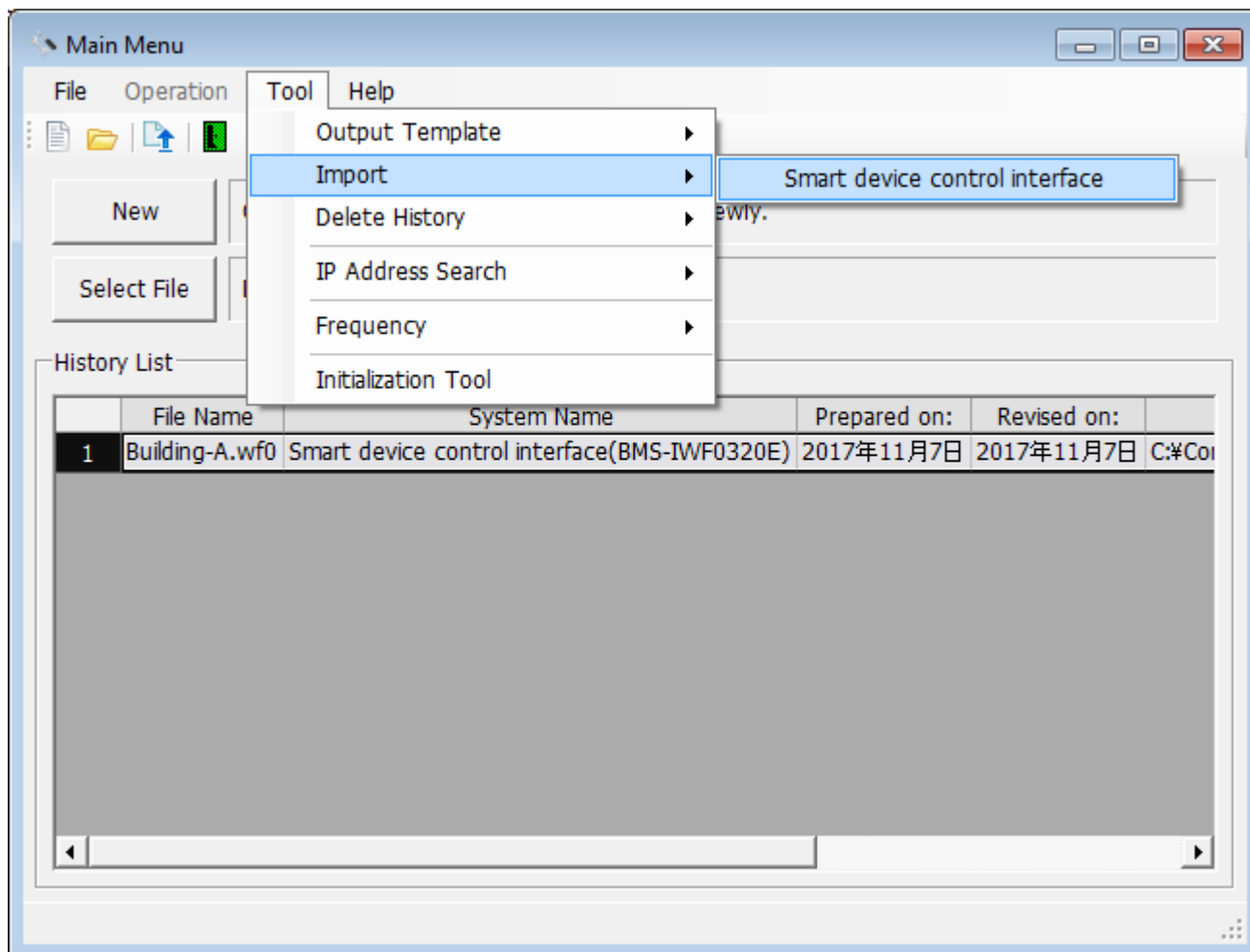


Fig.113 [Main Menu] screen

Select an Excel file to import. The import starts.

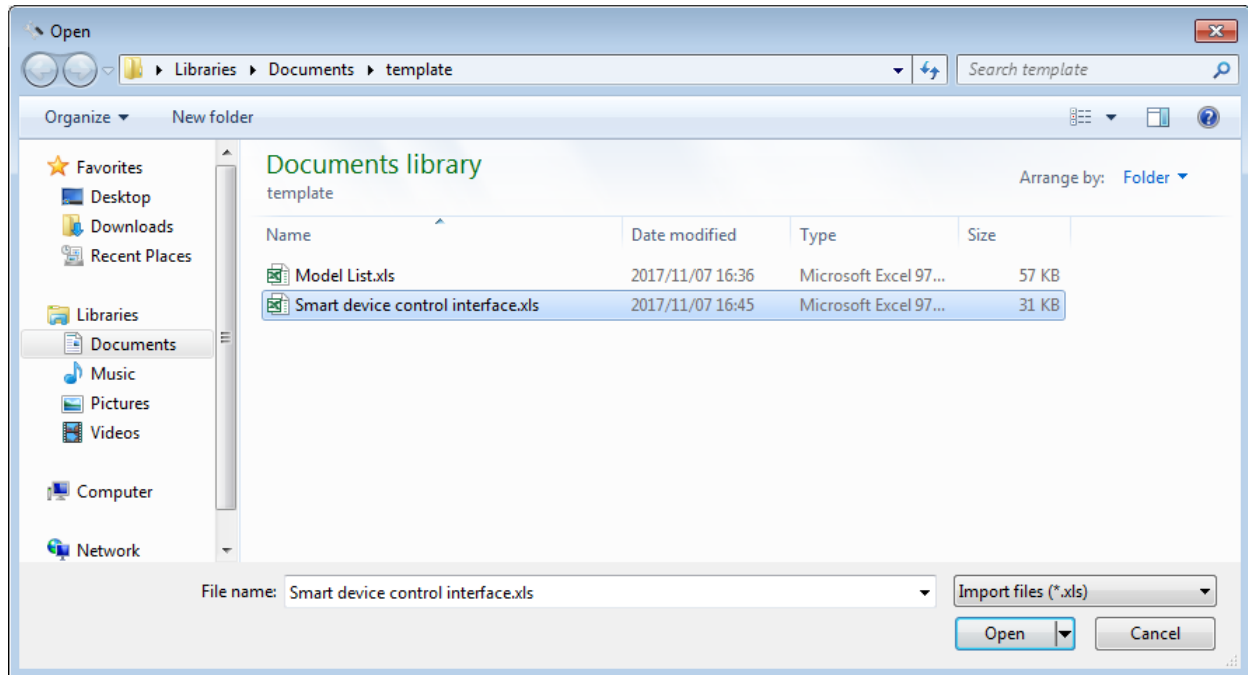


Fig.114 [Open] screen

The import starts, and the progress bar appears.

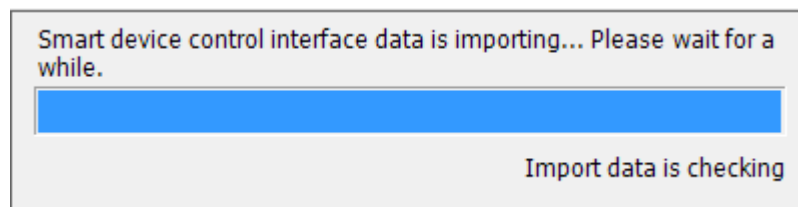


Fig.115 Progress bar

An error occurs if the Excel file to import is opened. Close the Excel file.

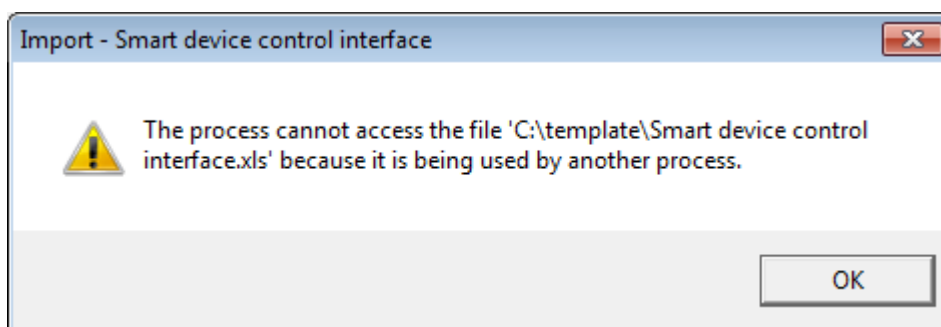


Fig.116 Progress bar

An error occurs if the Excel file to import contains an error. The cause and line No. are displayed. Check the Excel file. (Example: The model name does not exist, the indoor unit No. is duplicate)

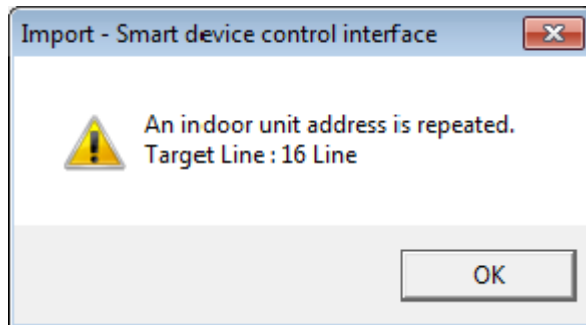


Fig.117 Error message (Example: The indoor unit No. is duplicate)

When the import is complete, the Data Input Main screen appears. Configure the settings on the System tab, the pulse constant of Energy Monitoring Relay Interface Q'ty, etc. If other settings need to be changed, change them.

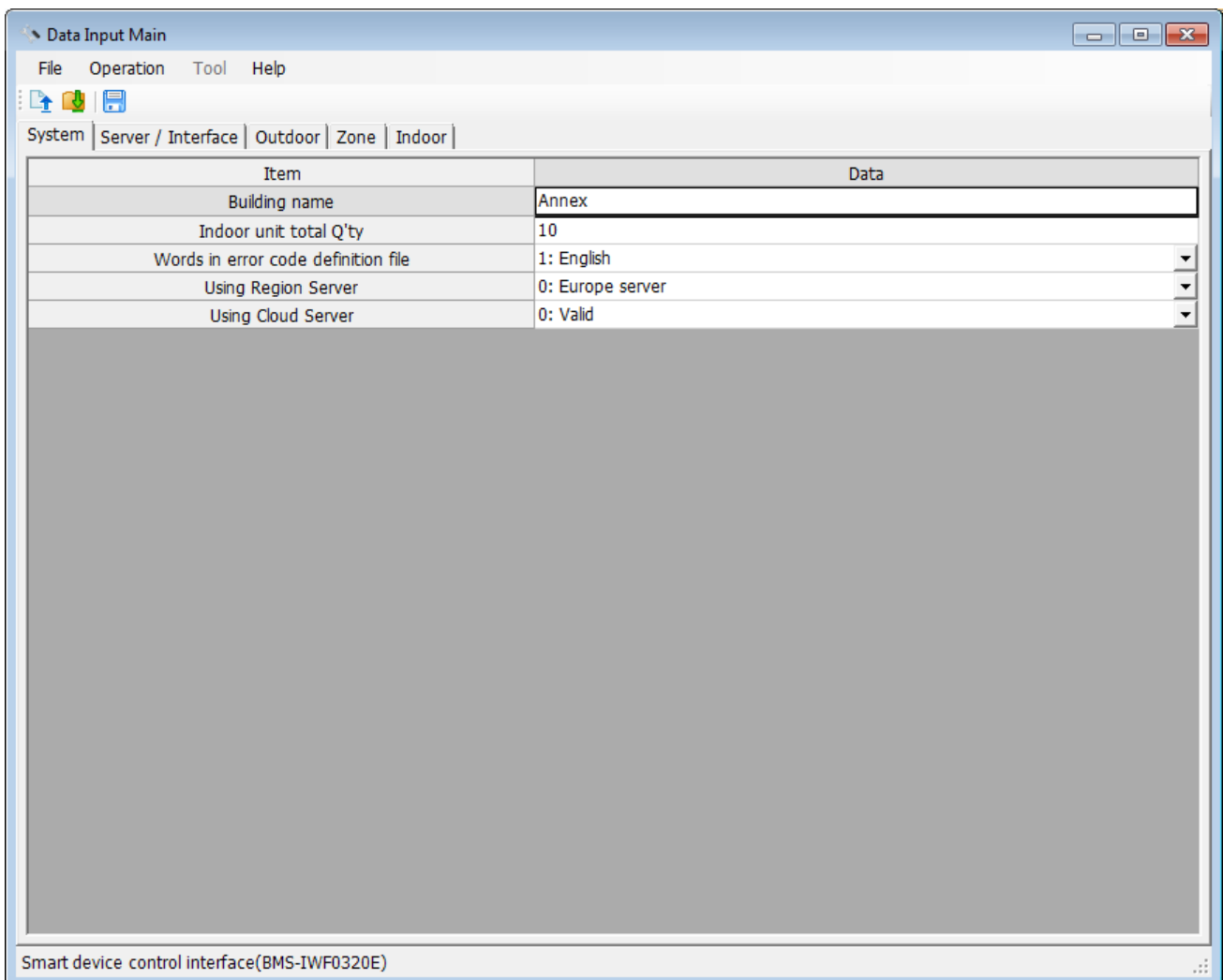


Fig.118 [Data Input Main] screen (System tab)

## ■ Mail setting function

Smart device control interface contains a function to send e-mail automatically to a registered e-mail address when an error has occurred. This chapter describes the mail function setting.

Select [Operation] > [Mail Setting] on the Data Input Main screen. The [E-Mail Setting] screen appears.

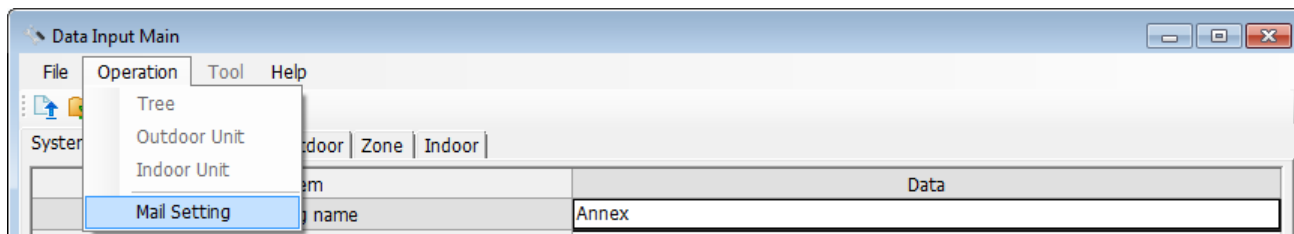


Fig.119 [Mail Setting] menu

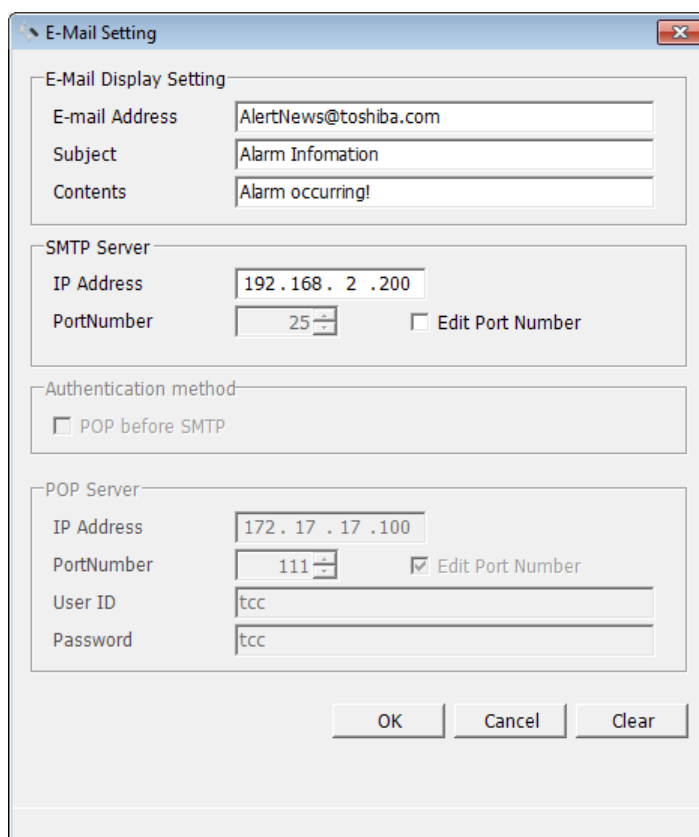
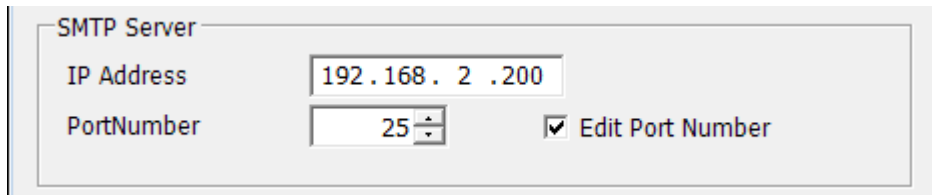


Fig.120 [E-Mail Setting] screen

Item	Content	Data type / range
E-mail Address	Sender's e-mail address	Text (Up to 64 characters, Forbidden characters: "<" ">" " " "&" "\n" ",," " " { " } " + " ? " " " [ " ] " " / " # " \$ " % " ( " ) " = " ~ "   " \ " ^ " _ " : " ; " * " )
Subject	Subject of the sent e-mail	Text (Up to 64 characters, Forbidden characters: "<" ">" " " "&" "\n" ",," " " )
Contents	Body of the sent e-mail (Line 1)	Text (Up to 64 characters, Forbidden characters: "<" ">" " " "&" "\n" ",," " " )
SMTP: IP Address	IP address of the SMTP server	Numeric value
SMTP: PortNumber	Port number of the SMTP server	Numeric value (0 – 65535)

When “Edit Port Number” for SMTP / POP is selected, you can edit the port number.



The screenshot shows a window titled "SMTP Server" with the following fields and controls:

- IP Address: 192.168.2.200
- PortNumber: 25
- Checkmark  Edit Port Number

Fig.121 [E-Mail Setting] screen (SMTP Server)

When the OK button is clicked, the entered settings are checked before being saved. If there are no problems, the settings are saved, and the Data Input Main screen reappears. If any problems are found, the focus moves to the field concerned, and an error message such as the following appears:

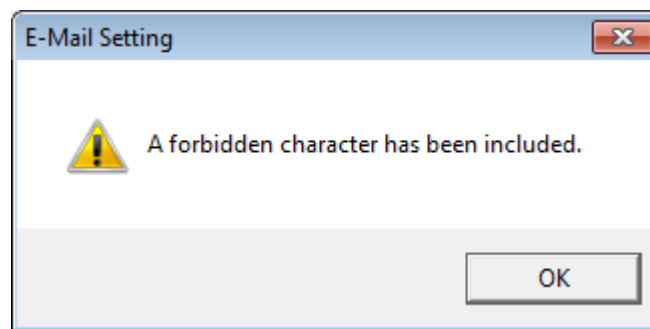


Fig.122 Error message box example

If any settings have been changed when the Cancel button is clicked, a confirmation message appears. If the OK button is clicked, the change is discarded and the Data Input Main screen reappears. If the Cancel button is clicked, the E-Mail Setting screen reappears.

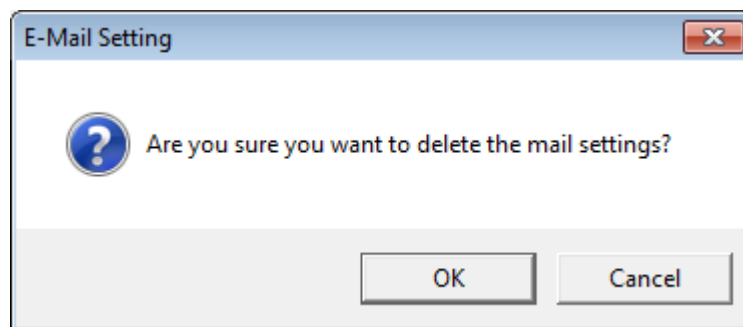


Fig.123 Edit deletion confirmation dialog box



# 9 Initialization tool

## ■ Initialization tool

The Initialization Tool resets the air-conditioner setting file data stored on Smart device control interface, such as the schedule data, alarm history data to the factory default.

The tool contains the Restore function, which restores using data backed up during initialization.

## ■ Starting / exiting the initialization tool

### Starting the Initialization Tool

Use the menu of the Setting File Creation Software for BMS System or Windows menu to start the Initialization Tool.

#### Menu of the Setting File Creation Software for BMS System

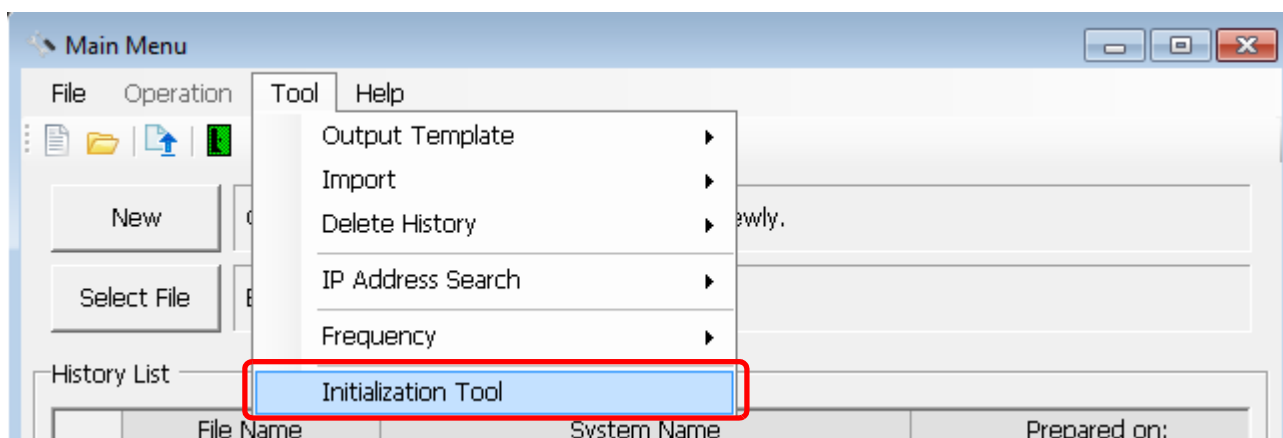


Fig.124 [Open] screen

#### Windows menu

Select [Start] > [All Programs] > [Toshiba] > [Setting File Creation Software for Smart device control interface] > [Initialization Tool].

## Exiting the Initialization Tool

Click the [Close] button, the Exit button, or select the [File] menu then [Exit].

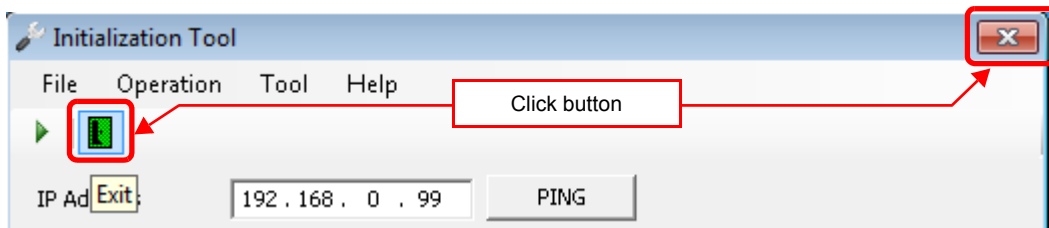


Fig.125 [Main Menu] screen (Close button / Exit button)

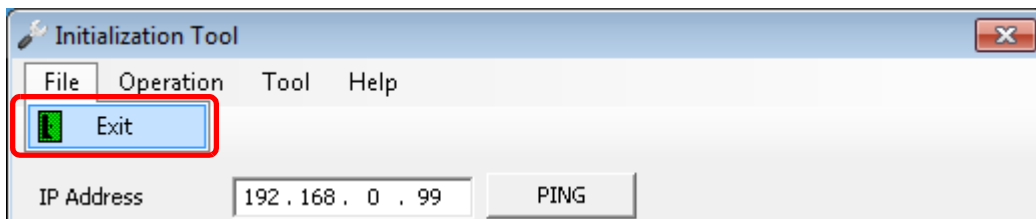


Fig.126 [Main Menu] screen (Exit menu)

The exit confirmation dialog box appears.  
Click [OK] to exit, or [Cancel] to cancel exiting.

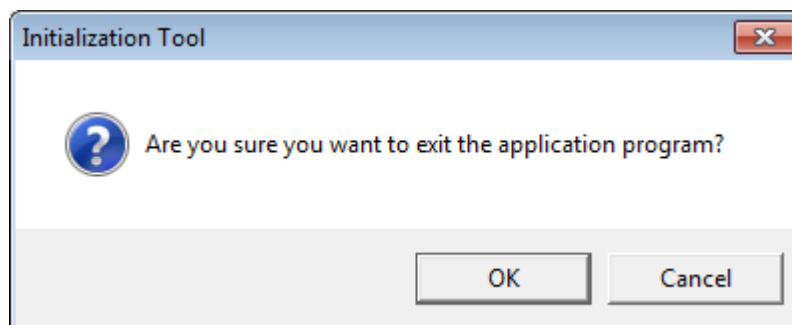


Fig.127 Exit confirmation dialog box

## ■ Initializing data in a target system

### Initializing a Setting File

When a setting file is initialized, the schedule data, alarm history will be deleted in addition to the setting file. Follow the procedure below:

**1** Specify an IP address.

**2** Select the target system.

**3** Select [Initialize Setting Files].

**4** Specify a backup folder. (Fig.366)

A backup folder can be specified before initializing a setting file. If you do not specify a backup folder, the data will be backed up to "C:\Program Data\Toshiba Carrier Corporation\Initialization Tool\backup" in Windows 7/8.1/10. This folder is a hidden folder. To show the folder, you need to change the "Folder Options" settings.

**5** Use the PING command to check the connection to the target system.

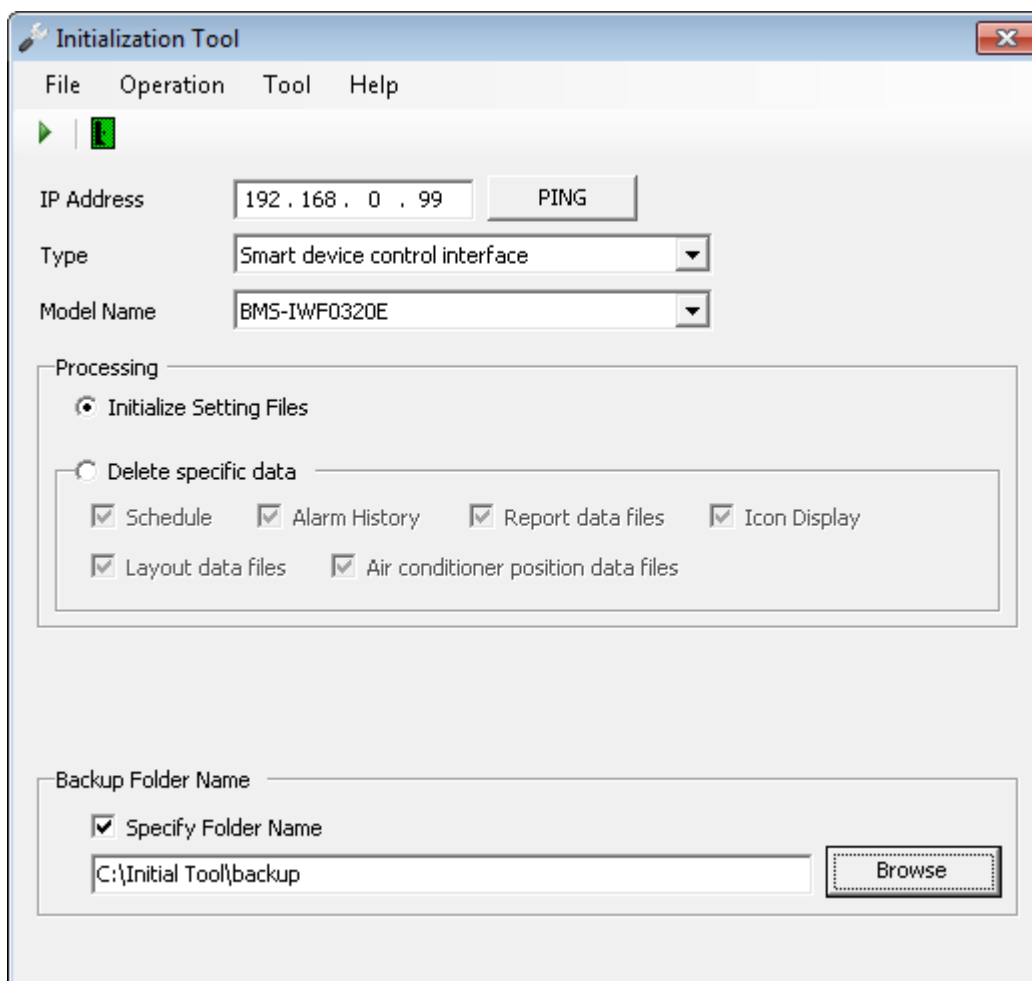


Fig.128 [Initialization Tool] screen

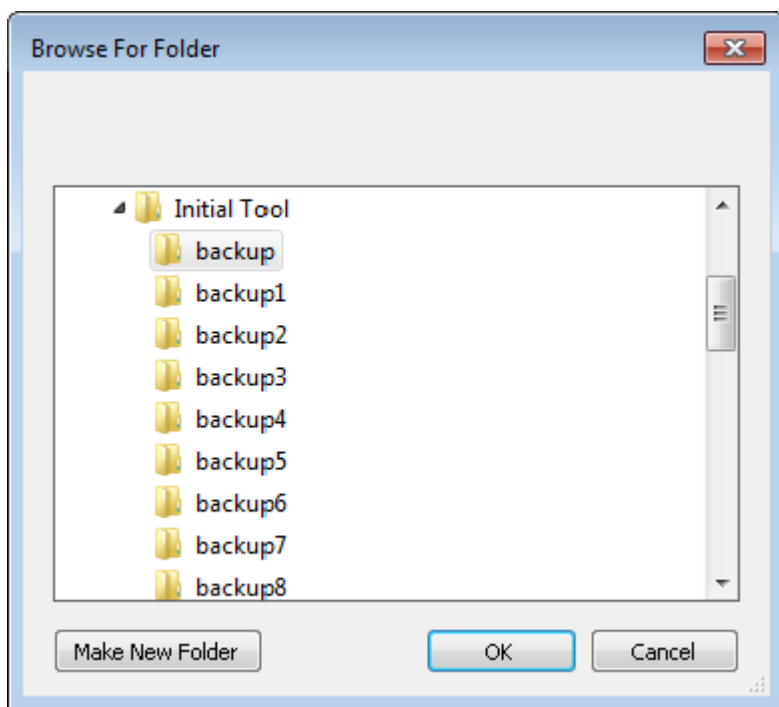


Fig.129 [Browse For Folder] screen

**6** Click the [Execute] button, or select the [Operation] menu then [Execute].

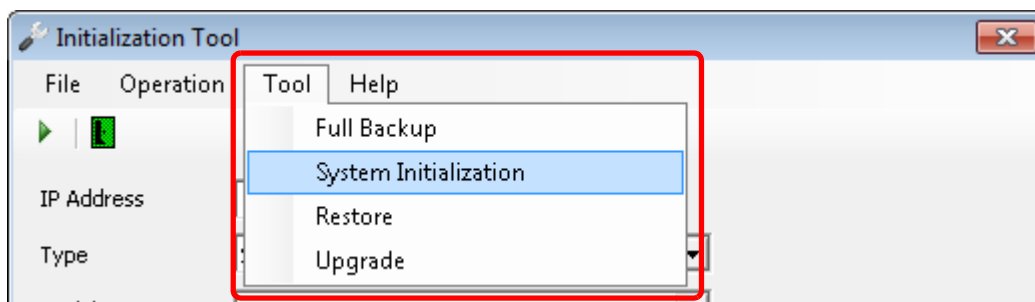


Fig.130 [Initialization Tool] screen (Execute button / Execute menu)

**7** Read the displayed warning message, and select the [Understand these warning messages and then perform the processing] checkbox.

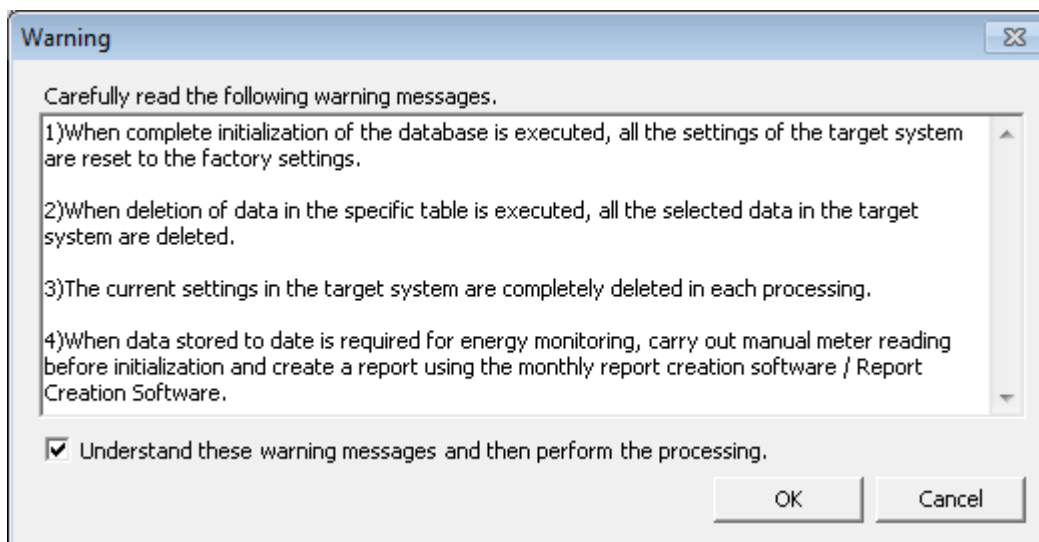


Fig.131 [Warning] screen

- 8 Click the [OK] button.**  
The initialization starts, and the progress bar appears.

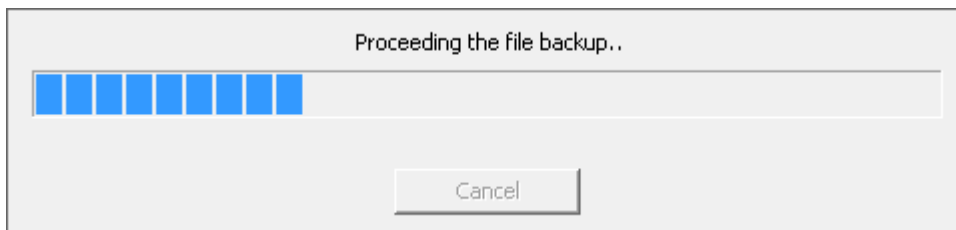


Fig.132 Progress bar

- 9 If the initialization is completed successfully, the completion dialog box appears.**
- 10 Restart the target system.**  
Press the reset button, or turn off the power and turn it back on again. When the power is turned off, wait until over a minute passes before turning it back on.

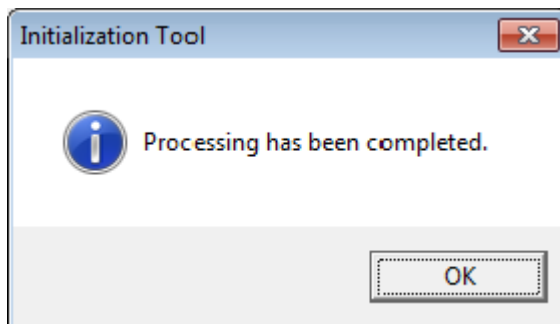


Fig.133 Completion dialog box

# 10 License agreement

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