TOSHIBA

Carrier

Setting File Creation Software for North America

Operating Instructions

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1 Overview

“Setting File Creation Software for North America” creates a setting file to be used for the air-conditioning management system.
The created data file is uploaded to each system by using upload function.

⚠CAUTION

"Setting File Creation Software for North America" and "Setting File Creation Software for North America" (UL-approved system) appeared on the screen shots in this manual are the names of a software represent the same software. However, some functions are restricted. Refer to the "Operating Instructions" for the details.

2 System Requirements

The following shows the ideal system requirements for this software.

Item	Specifications
Operating System	Windows XP with SP3 or later, Windows Vista, Windows 7
Office	Office 2003, Office 2007, Office 2010

The following runtime library is required:
- Microsoft® .NET Framework 2.0 SP2

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3 Note on Using Setting File Creation Software for North America

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

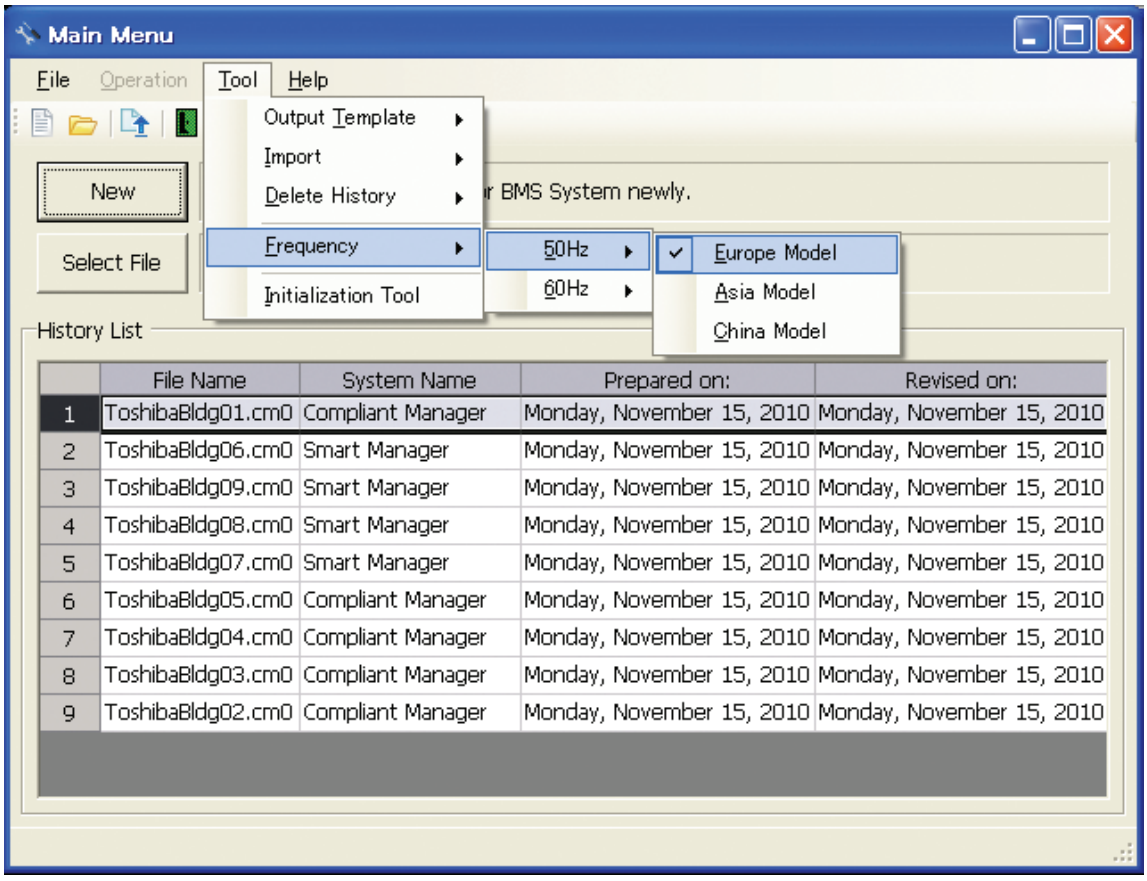


Fig.1 [Main Menu] screen (Frequency)

⚠ CAUTION

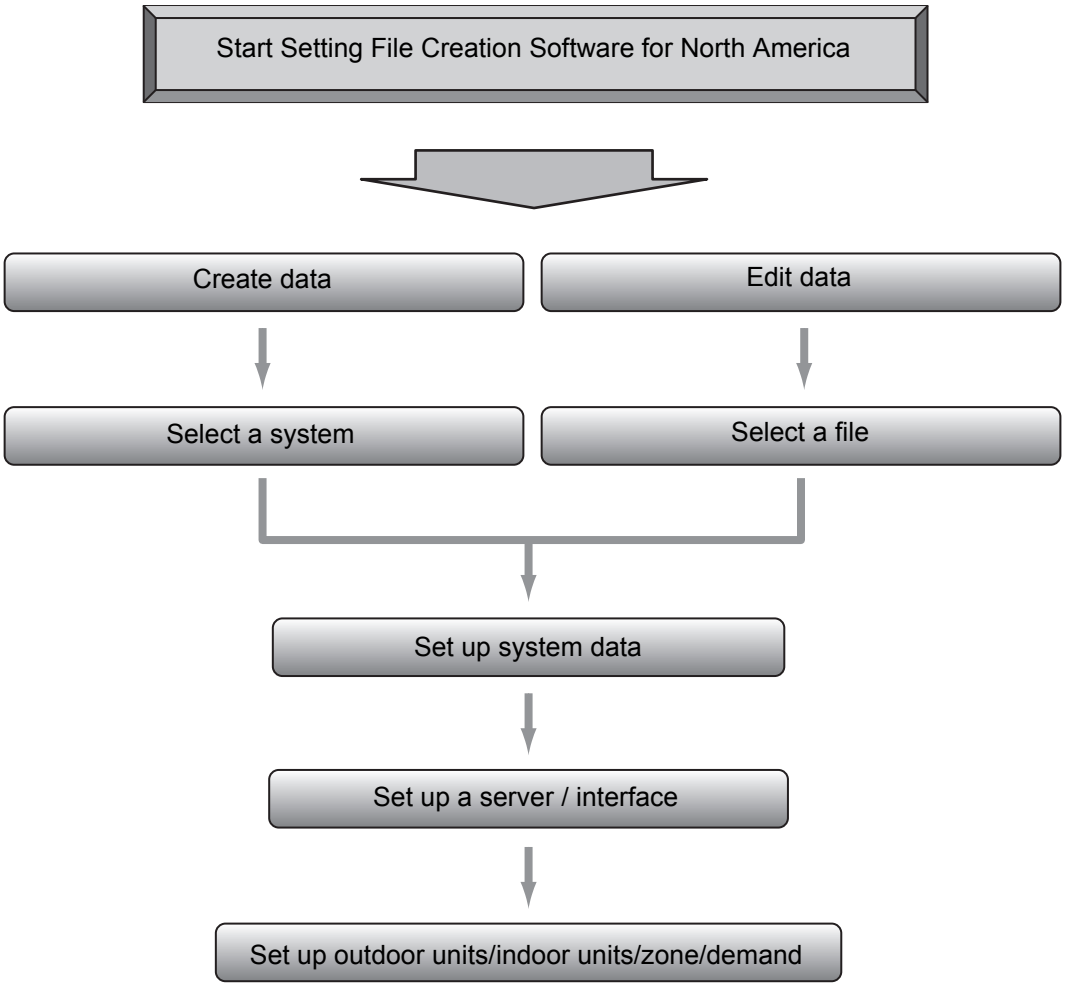
- [60 Hz - UL Model] must be selected on [Frequency and Region Setting] to use with UL-approved system (Model: BMS-SM1281HTLUL).
- Fire alarm function that described in this manual can not be used with UL-approved system (Model: BMS-SM1281HTLUL).

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4 Creating a Setting File

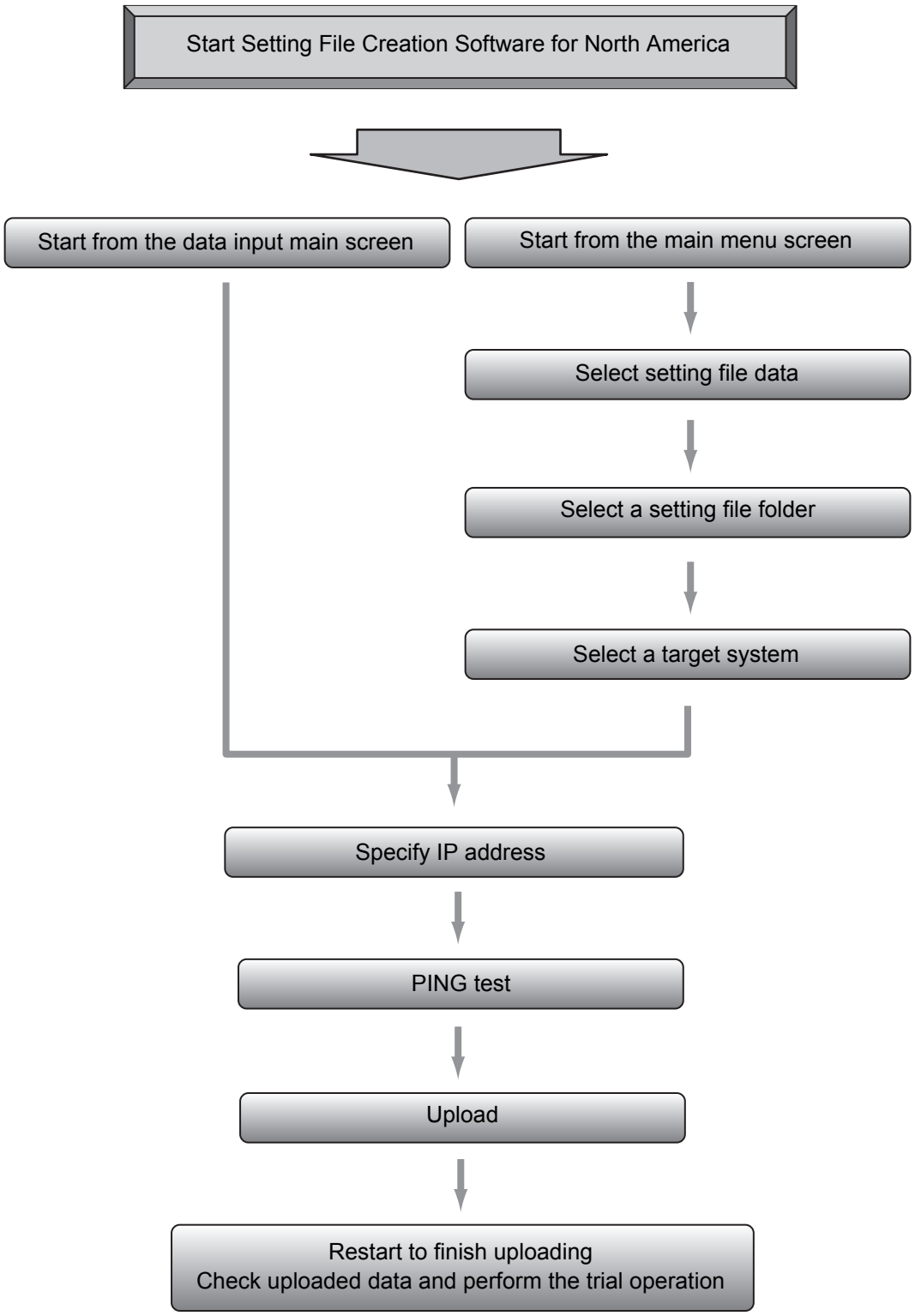
■ Workflow of the Software

The following flowchart shows the process of creating data with Setting File Creation Software for North America:



■ Data Upload

The following flowchart shows the process of uploading data created with Setting File Creation Software for North America:



5 Features of Setting File Creation Software for North America

■ Creating / Editing a Setting File

You can create a setting file and edit it.

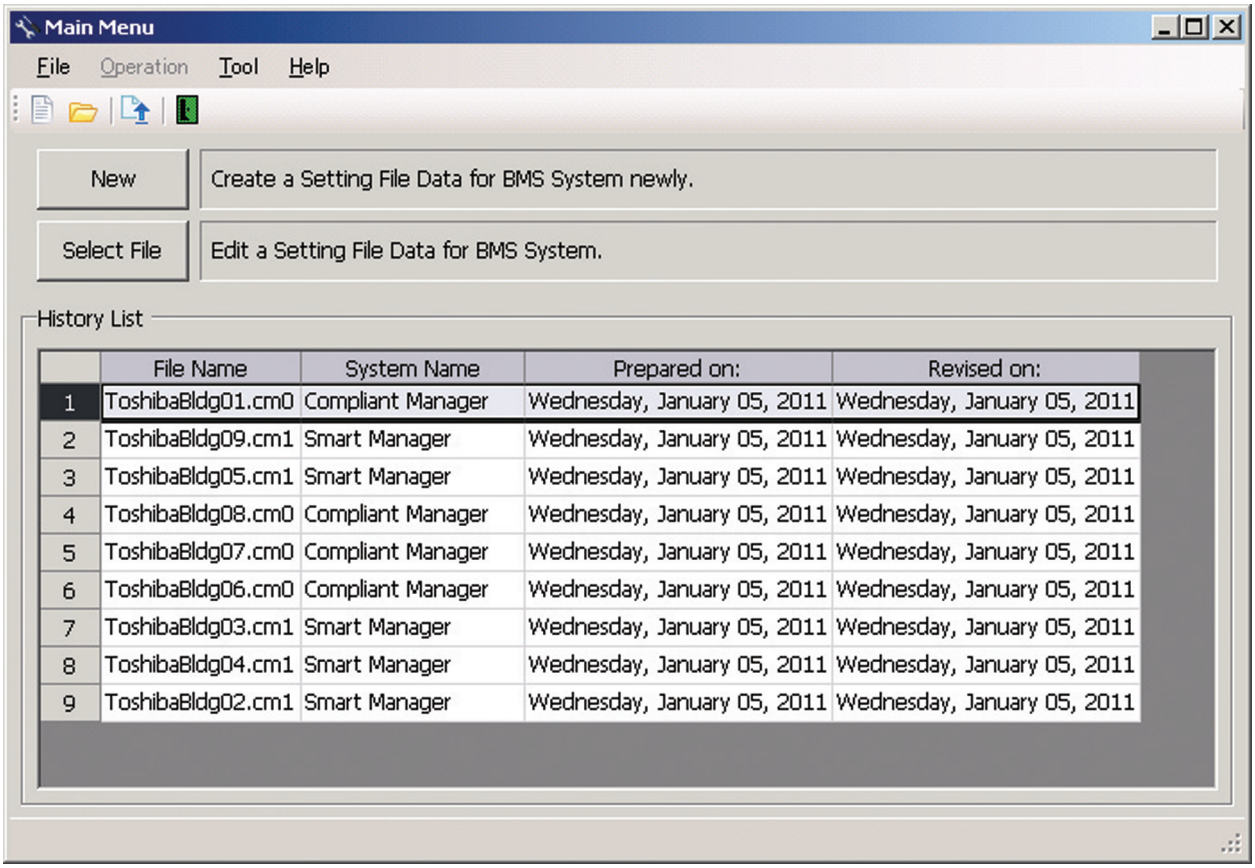


Fig.2 [Main Menu] screen

■ Selecting a North America

When creating a new setting file, select a target North America.

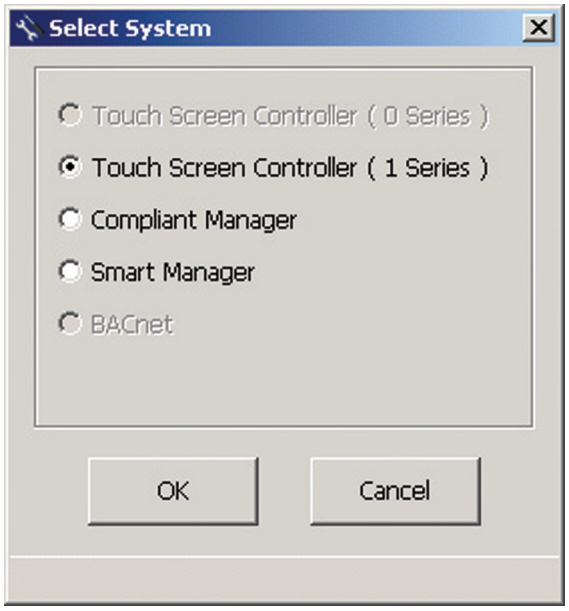


Fig.3 [Select System] screen

■ Creating / Editing Data of a Setting File

Setting Up System Data

Set up data of the entire system selected on the Select System screen (Fig.3)

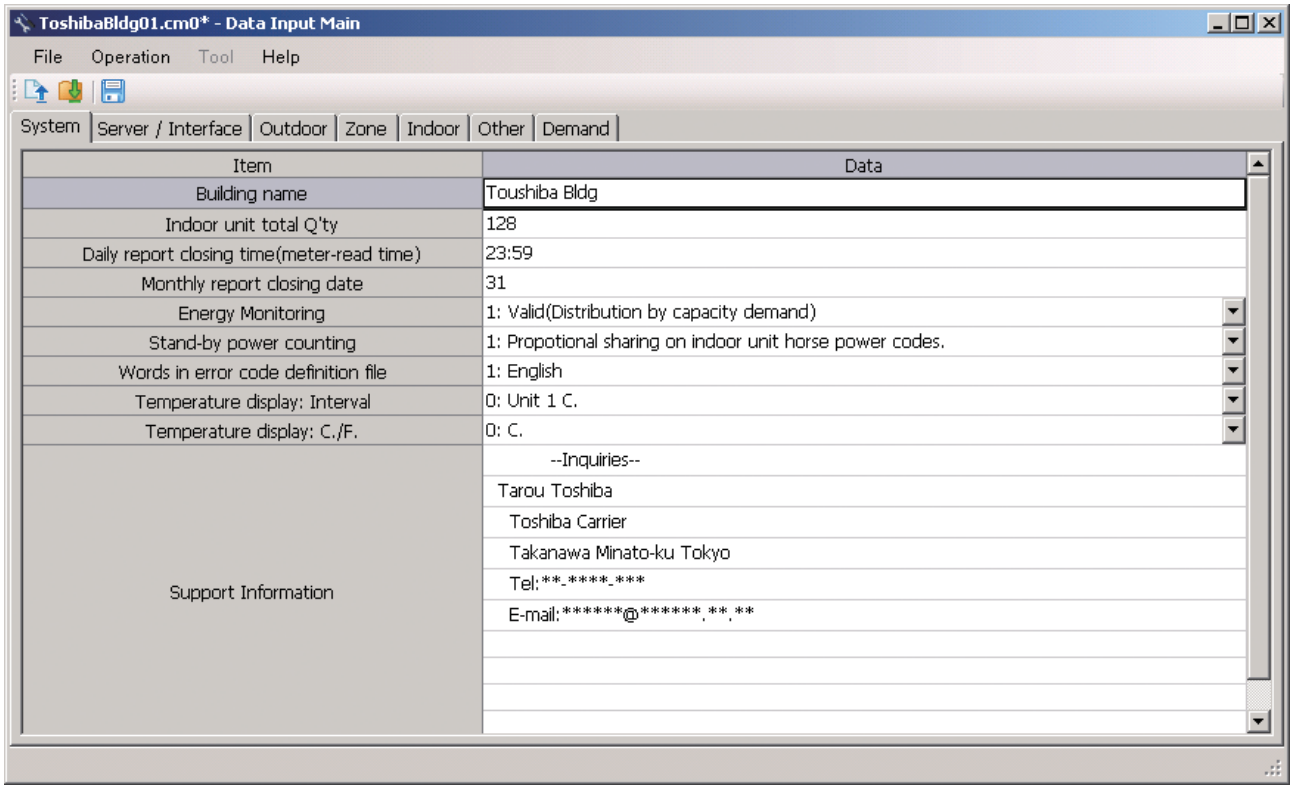


Fig.4 [System] screen

Setting Up a Server / Interface

Set up a server / interface. The Server / Interface screen consists of the Server Setting tab, the Interface Address tab, and the Interface Setting tab.

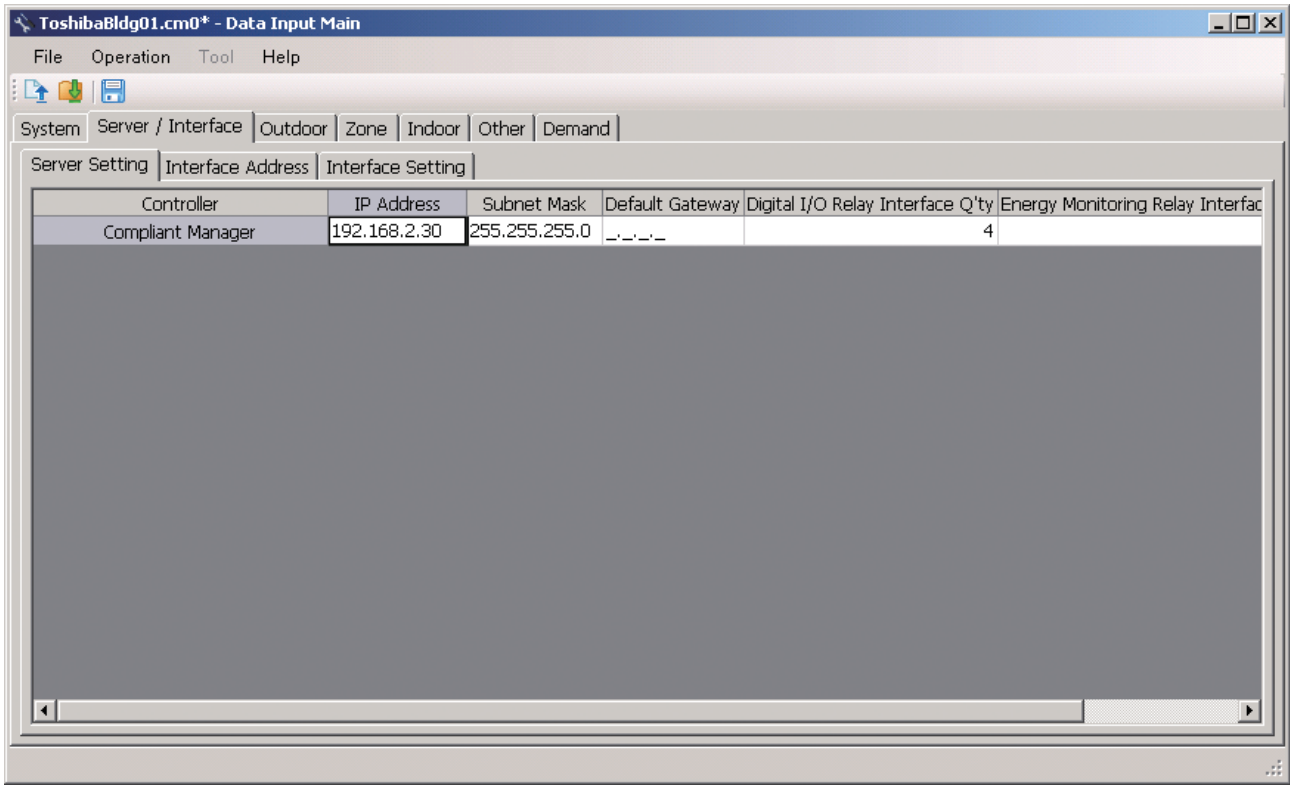
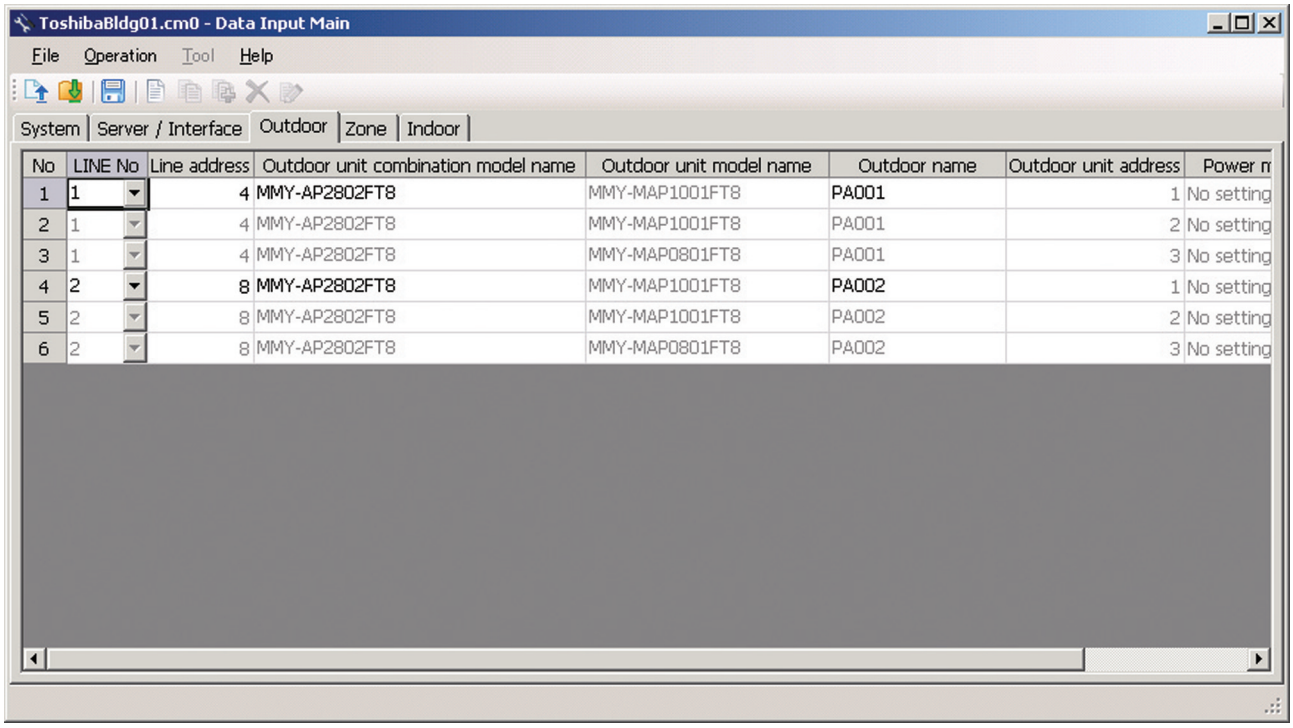


Fig.5 [Server / Interface] screen

Setting Up Outdoor Units

Set up data of outdoor units.



No	LINE No	Line address	Outdoor unit combination model name	Outdoor unit model name	Outdoor name	Outdoor unit address	Power m
1	1	4	MMY-AP2802FT8	MMY-MAP1001FT8	PA001	1	No setting
2	1	4	MMY-AP2802FT8	MMY-MAP1001FT8	PA001	2	No setting
3	1	4	MMY-AP2802FT8	MMY-MAP0801FT8	PA001	3	No setting
4	2	8	MMY-AP2802FT8	MMY-MAP1001FT8	PA002	1	No setting
5	2	8	MMY-AP2802FT8	MMY-MAP1001FT8	PA002	2	No setting
6	2	8	MMY-AP2802FT8	MMY-MAP0801FT8	PA002	3	No setting

Fig.6 [Outdoor] screen

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Setting Up the Zone

Set up the zone. The Zone screen consists of the zone combo box and zone name list.

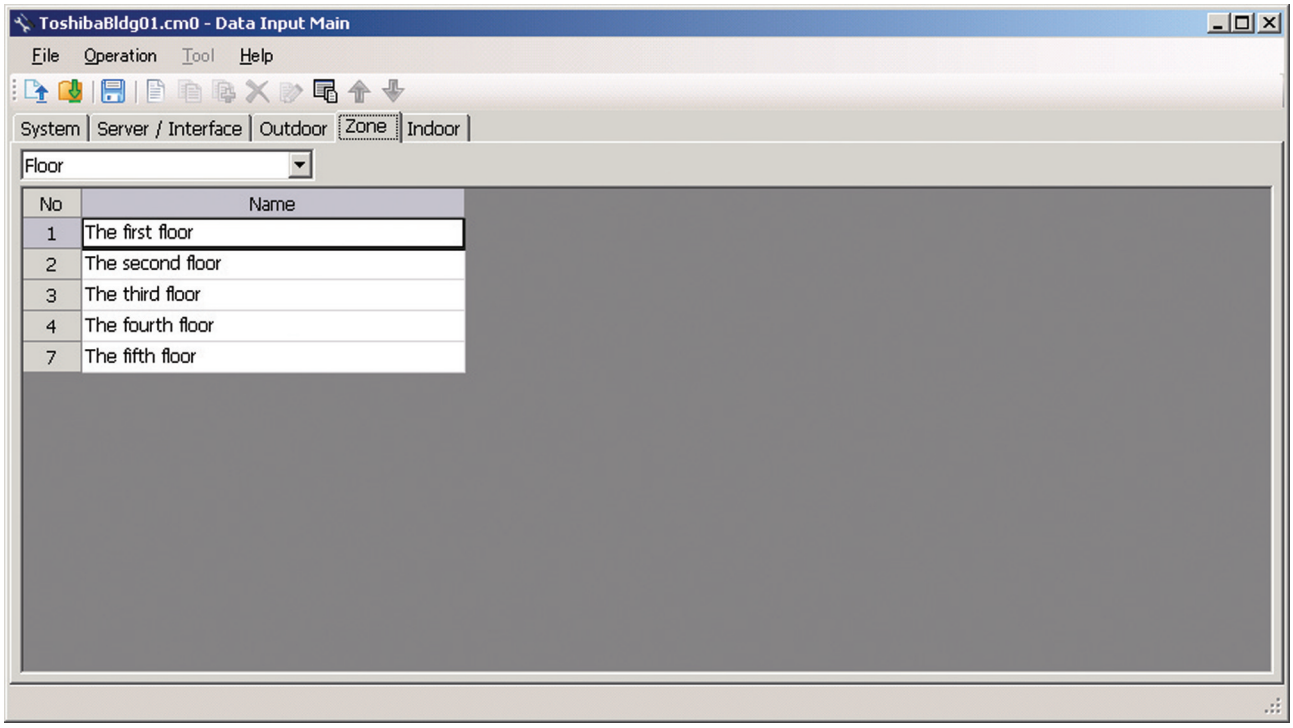
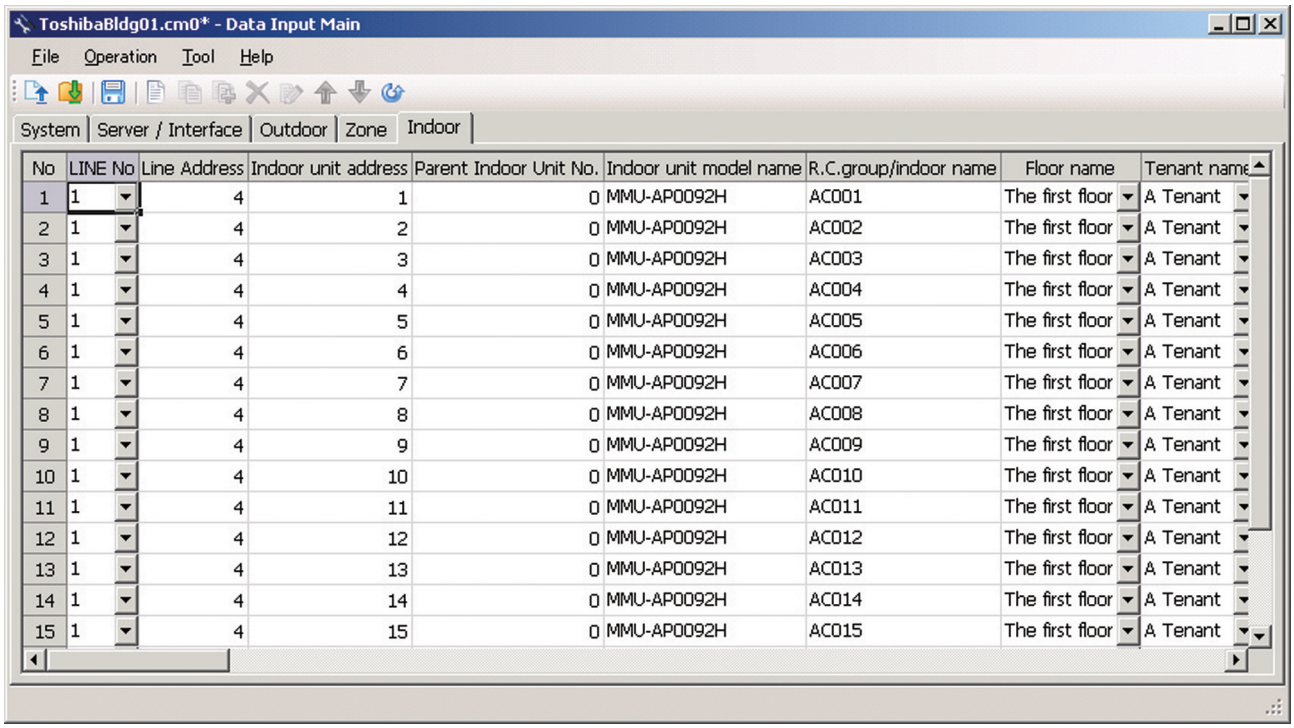


Fig.7 [Zone] screen

Setting Up Indoor Units

Set up data of indoor units.



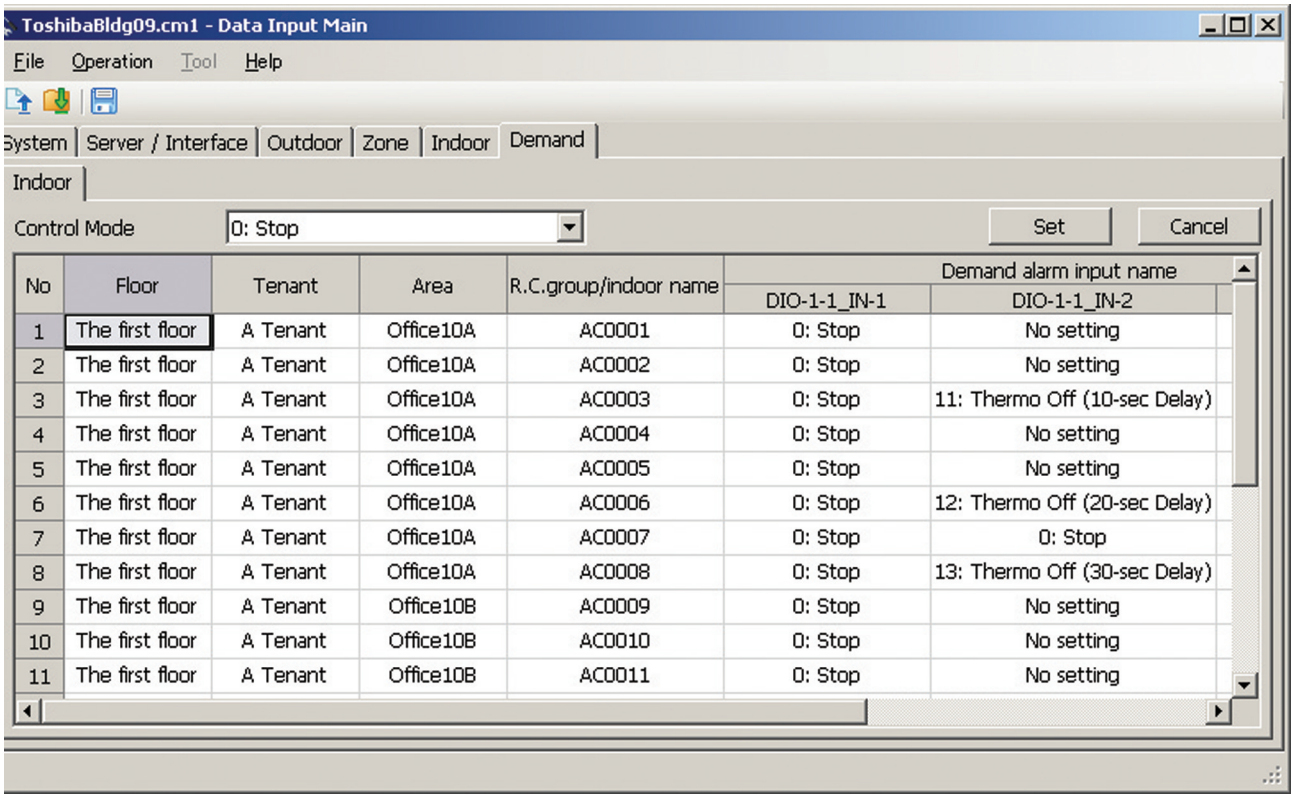
No	LINE No	Line Address	Indoor unit address	Parent Indoor Unit No.	Indoor unit model name	R.C.group/indoor name	Floor name	Tenant name
1	1	4	1	0	MMU-AP0092H	AC001	The first floor	A Tenant
2	1	4	2	0	MMU-AP0092H	AC002	The first floor	A Tenant
3	1	4	3	0	MMU-AP0092H	AC003	The first floor	A Tenant
4	1	4	4	0	MMU-AP0092H	AC004	The first floor	A Tenant
5	1	4	5	0	MMU-AP0092H	AC005	The first floor	A Tenant
6	1	4	6	0	MMU-AP0092H	AC006	The first floor	A Tenant
7	1	4	7	0	MMU-AP0092H	AC007	The first floor	A Tenant
8	1	4	8	0	MMU-AP0092H	AC008	The first floor	A Tenant
9	1	4	9	0	MMU-AP0092H	AC009	The first floor	A Tenant
10	1	4	10	0	MMU-AP0092H	AC010	The first floor	A Tenant
11	1	4	11	0	MMU-AP0092H	AC011	The first floor	A Tenant
12	1	4	12	0	MMU-AP0092H	AC012	The first floor	A Tenant
13	1	4	13	0	MMU-AP0092H	AC013	The first floor	A Tenant
14	1	4	14	0	MMU-AP0092H	AC014	The first floor	A Tenant
15	1	4	15	0	MMU-AP0092H	AC015	The first floor	A Tenant

Fig.8 [Indoor] screen

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Setting Up the Demand

Set up the demand alarm input of indoor units. This setting is only available for Smart Manager.



No	Floor	Tenant	Area	R.C.group/indoor name	Demand alarm input name	
					DIO-1-1_IN-1	DIO-1-1_IN-2
1	The first floor	A Tenant	Office10A	AC0001	0: Stop	No setting
2	The first floor	A Tenant	Office10A	AC0002	0: Stop	No setting
3	The first floor	A Tenant	Office10A	AC0003	0: Stop	11: Thermo Off (10-sec Delay)
4	The first floor	A Tenant	Office10A	AC0004	0: Stop	No setting
5	The first floor	A Tenant	Office10A	AC0005	0: Stop	No setting
6	The first floor	A Tenant	Office10A	AC0006	0: Stop	12: Thermo Off (20-sec Delay)
7	The first floor	A Tenant	Office10A	AC0007	0: Stop	0: Stop
8	The first floor	A Tenant	Office10A	AC0008	0: Stop	13: Thermo Off (30-sec Delay)
9	The first floor	A Tenant	Office10B	AC0009	0: Stop	No setting
10	The first floor	A Tenant	Office10B	AC0010	0: Stop	No setting
11	The first floor	A Tenant	Office10B	AC0011	0: Stop	No setting

Fig.9 [Demand] screen

Setting Up the Zone Names

Set up the zone names. This setting is only available for Smart Manager.

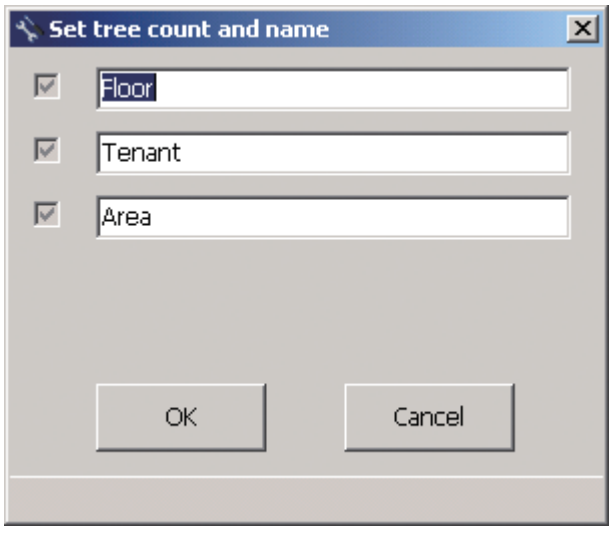


Fig.10 [Set tree count and name] screen

Checking the Version Information

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



Fig.11 [Help] menu (About)

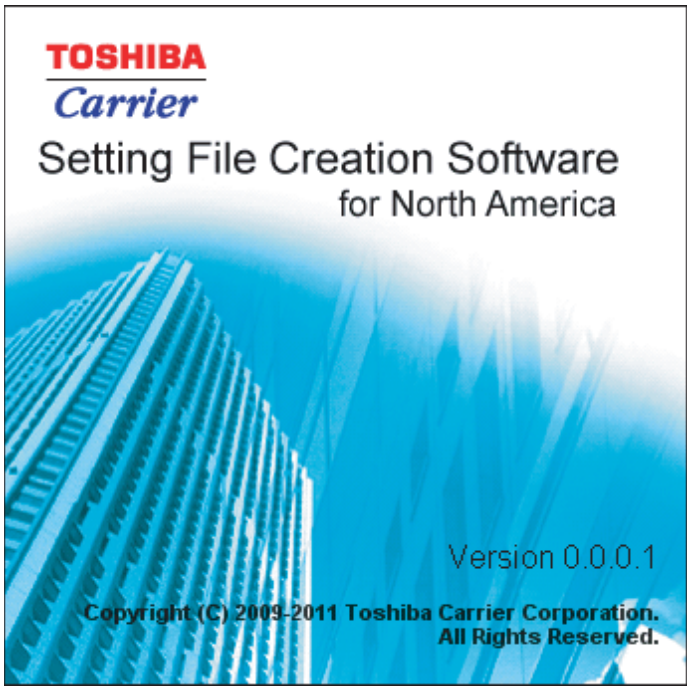


Fig.12 [About] screen

■ Uploading a Setting File to the Server

Specify a setting file data, its folder, the target system and IP address, then upload the file.

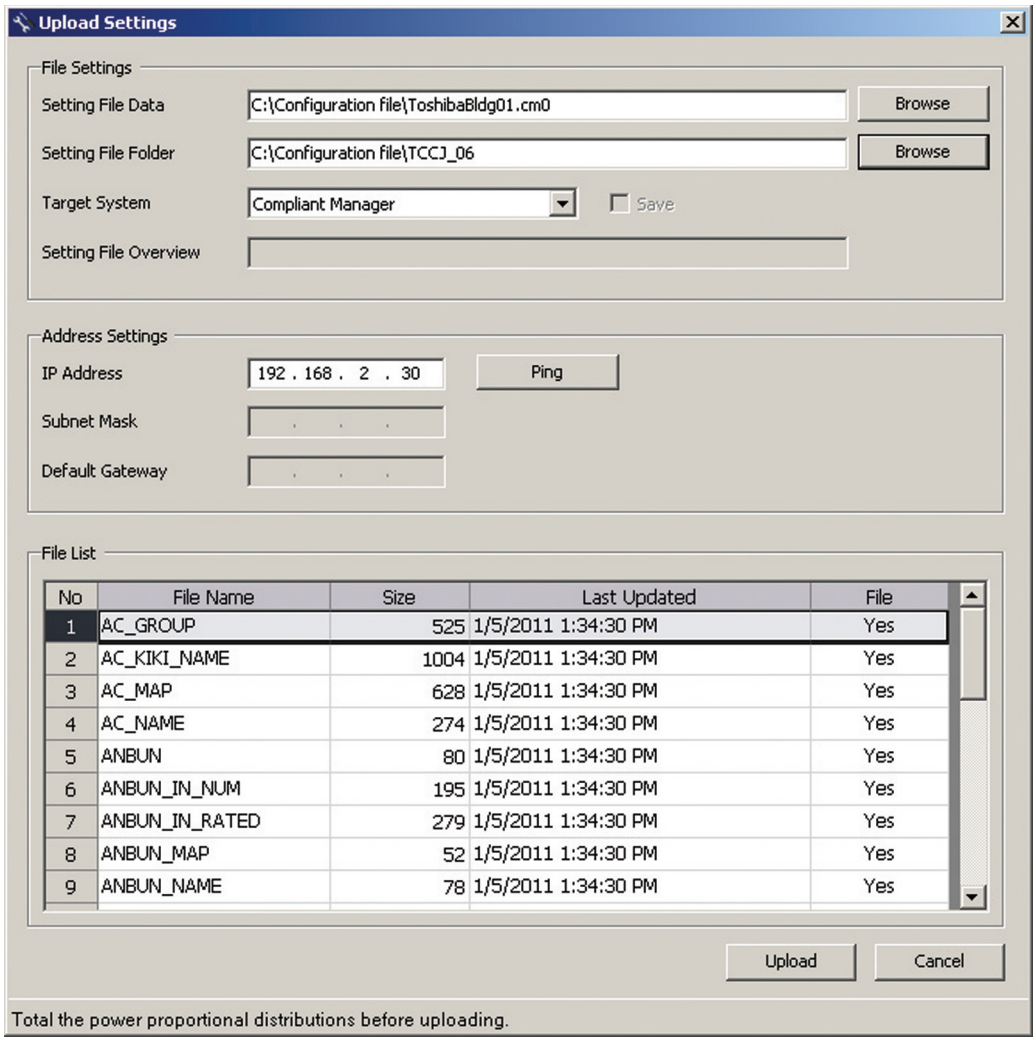


Fig.13 [Upload Settings] screen

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

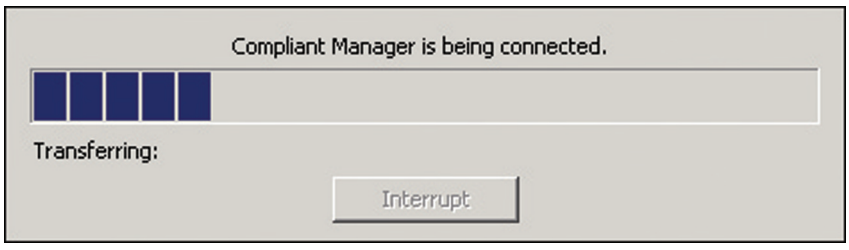


Fig.14 [Upload Progress] screen

6 Compliant Manager / Smart Manager

■ Using the Setting File Creation Software for North America

Starting / Exiting the Setting File Creation Software for North America

Starting the Setting File Creation Software for North America

Use the desktop icon or Windows menu to start the Setting File Creation Software for North America.

1. Start the Setting File Creation Software for North America.

- Desktop icon
  Double-click the desktop icon.



Fig.15 Setting File Creation Software for North America desktop icon

- Windows menu
  Select [Start] > [All Programs] > [Toshiba] > [Setting File Creation Software for North America].

2. The startup screen appears.
The startup screen appears.

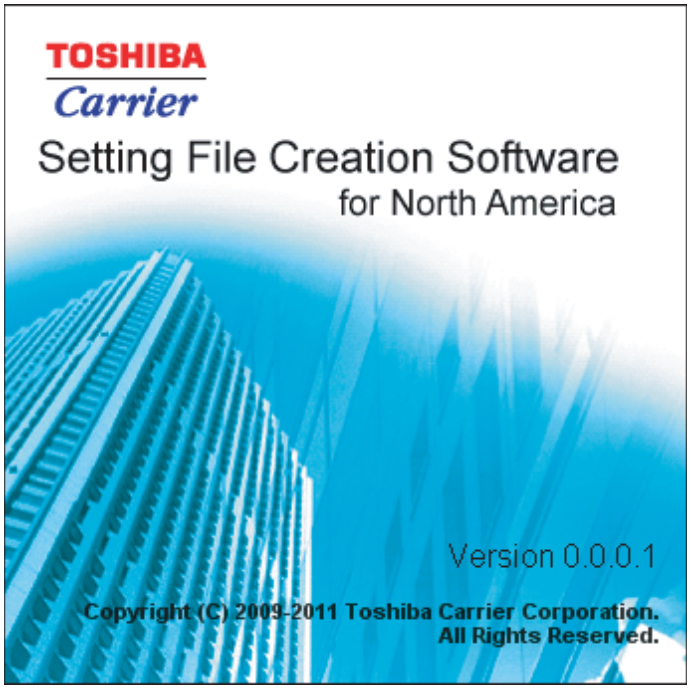


Fig.16 Startup screen

3. Data Download Software for North America Startup Complete
The startup screen (Fig.16) disappears, and the Main Menu screen (Fig.2) appears. The Setting File Creation Software for North America startup is now complete, and the software can be operated.

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Exiting the Setting File Creation Software for North America

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



Fig.17 [Main Menu] screen (Close button)

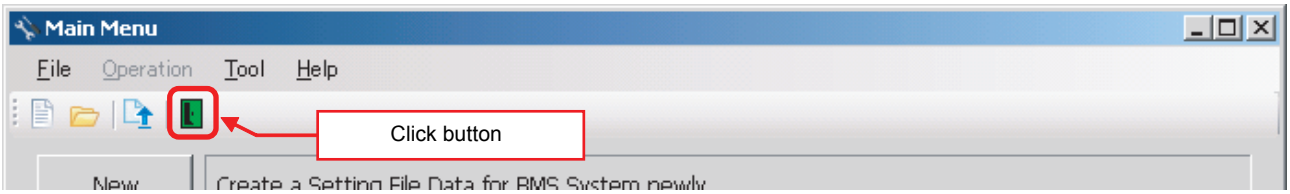


Fig.18 [Main Menu] screen (Exit button)

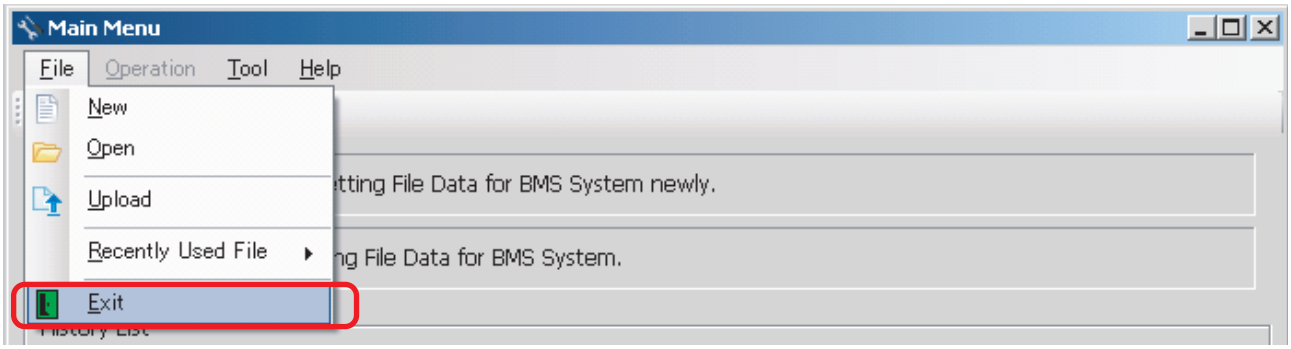


Fig.19 [Main Menu] screen (Exit menu)

The exit confirmation dialog box appears.
Click [Yes] to exit, or [No] to cancel exiting.

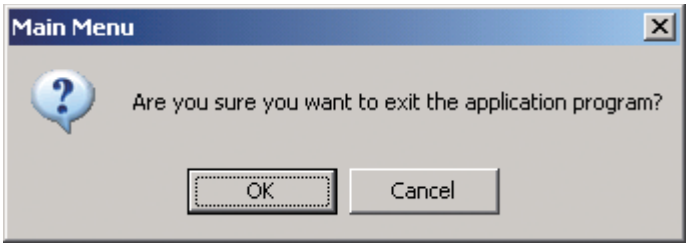


Fig.20 Exit confirmation dialog box

■ Creating New Data

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

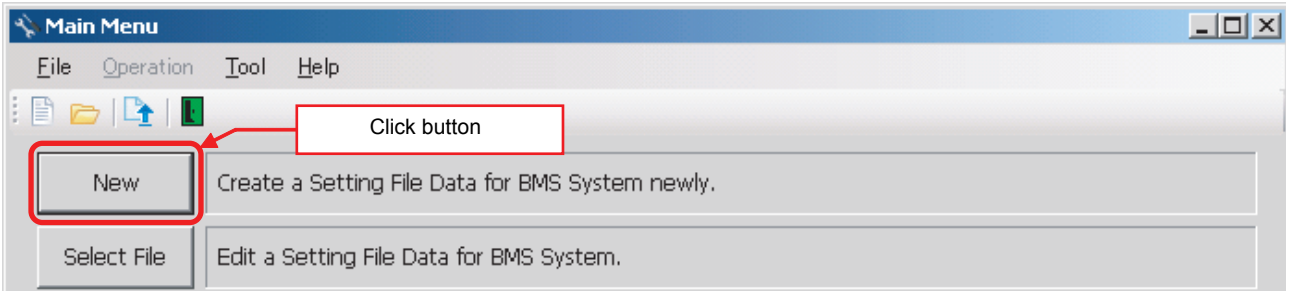


Fig.21 [Main Menu] screen (New button 1)

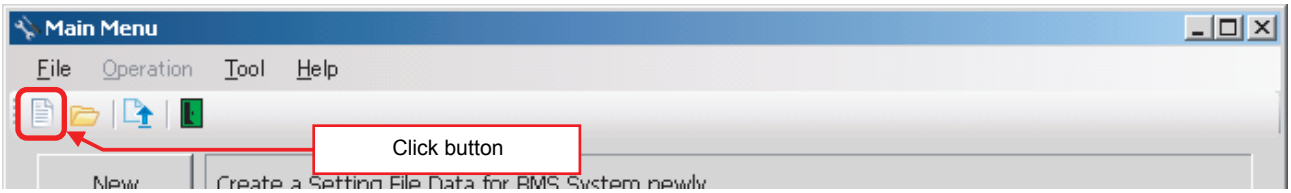


Fig.22 [Main Menu] screen (New button 2)

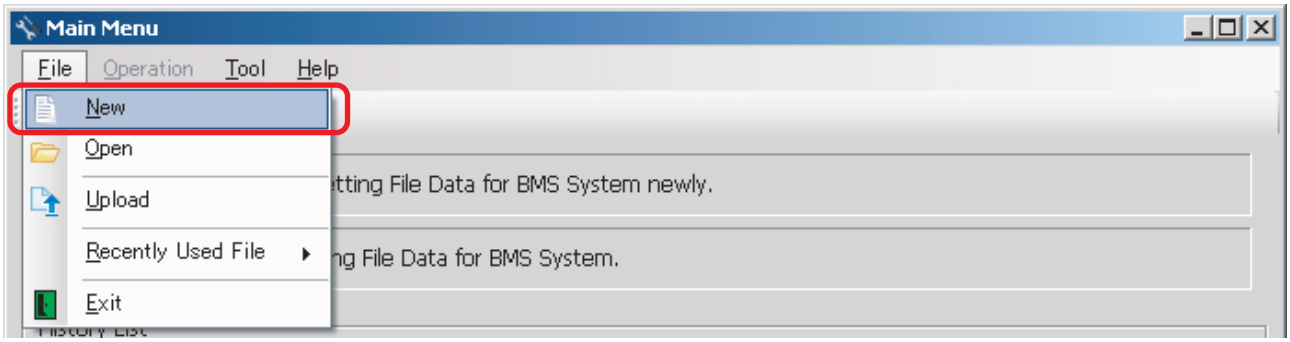


Fig.23 [Main Menu] screen (New menu)

■ Selecting a File to Edit Data

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

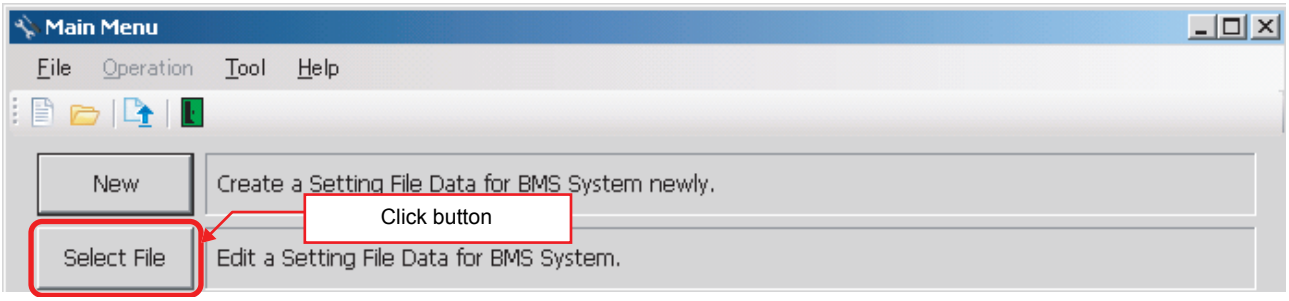


Fig.24 [Main Menu] screen (Select File button)



Fig.25 [Main Menu] screen (Open button)

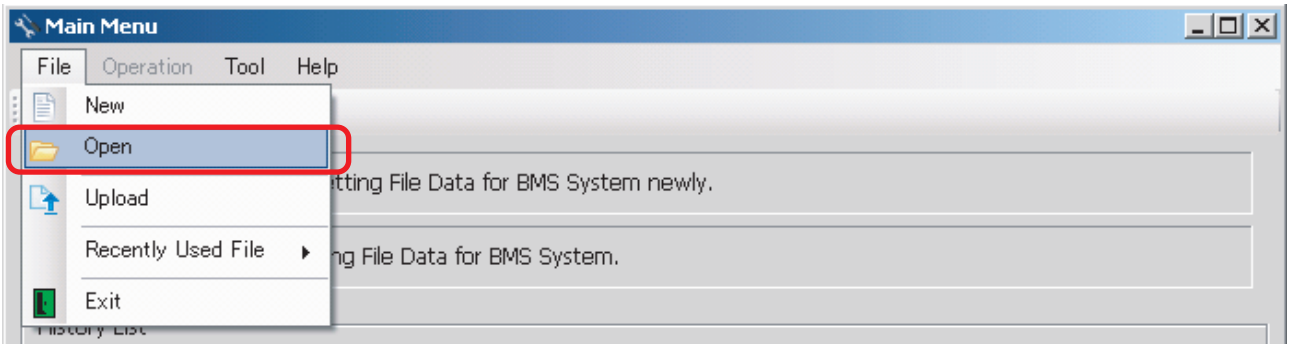


Fig.26 [Main Menu] screen (Open menu)

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

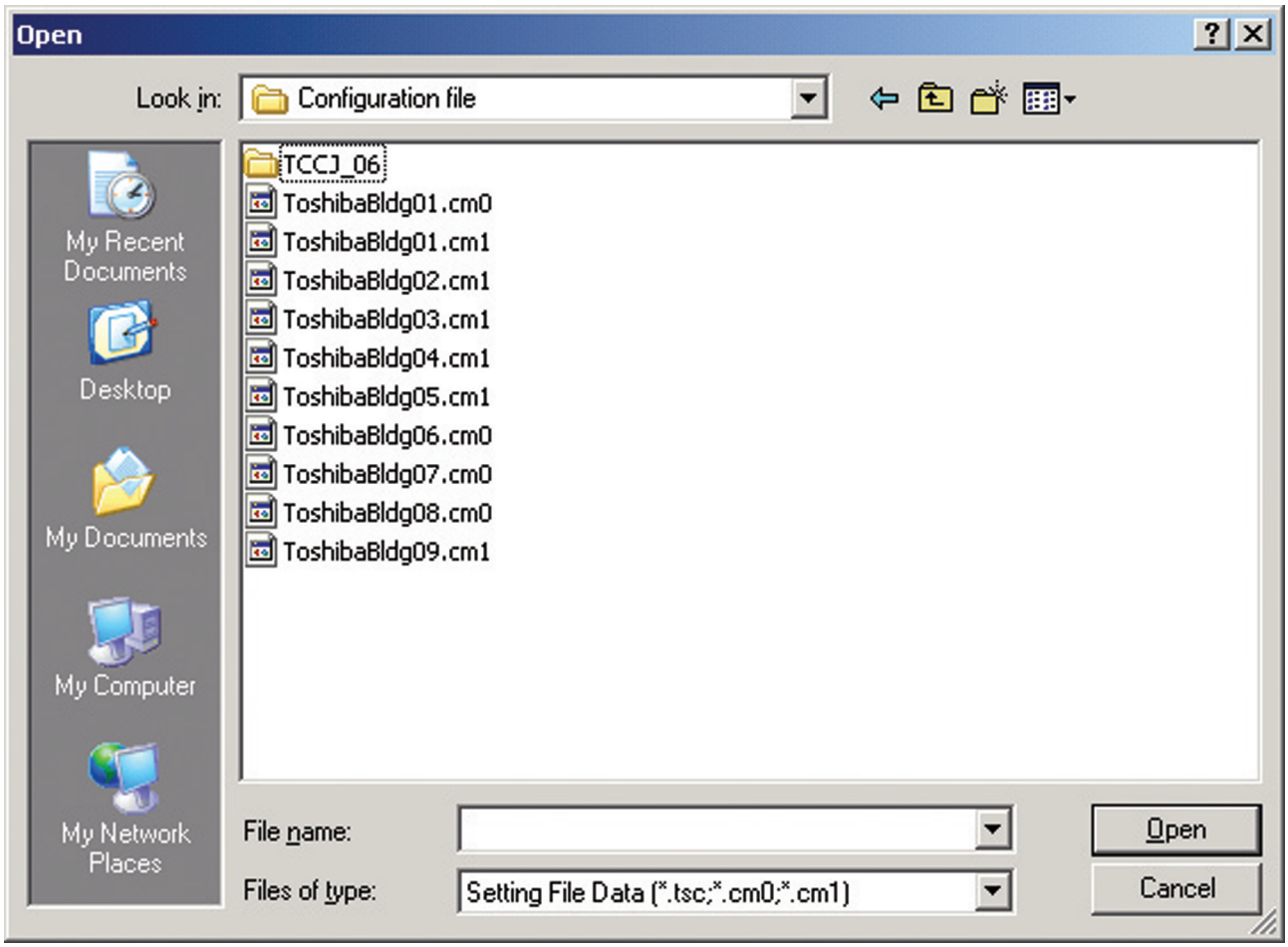


Fig.27 [Open] screen

■ 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.

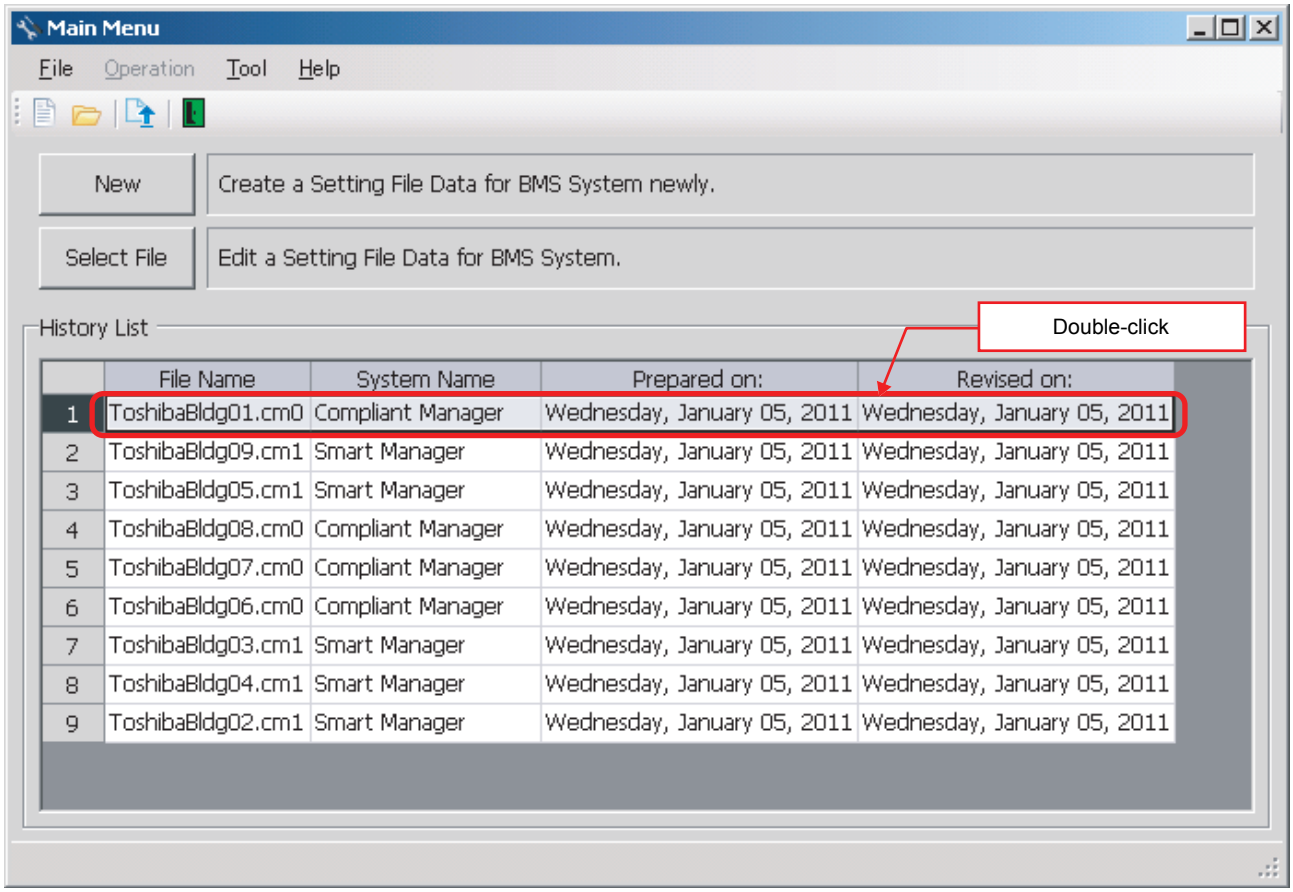


Fig.28 [Main Menu] screen (History List)

Up to 9 files are stored in Recently Used File.

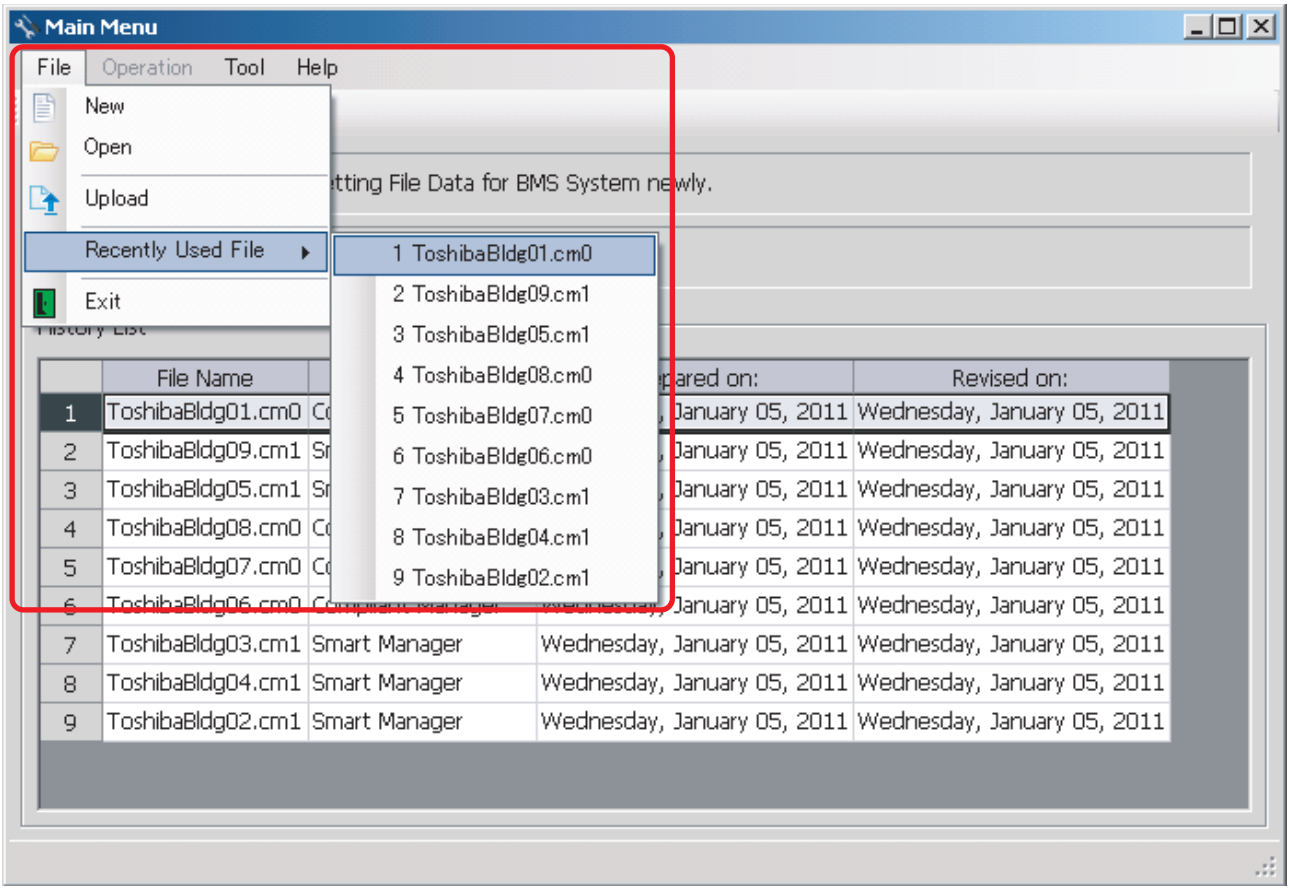


Fig.29 [Main Menu] screen (Recently Used File)

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

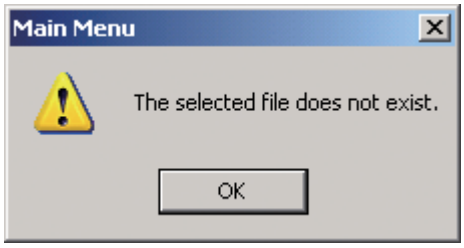


Fig.30 Warning message box

EN

■ Setting Up the System

Select the [System] tab and configure the settings.

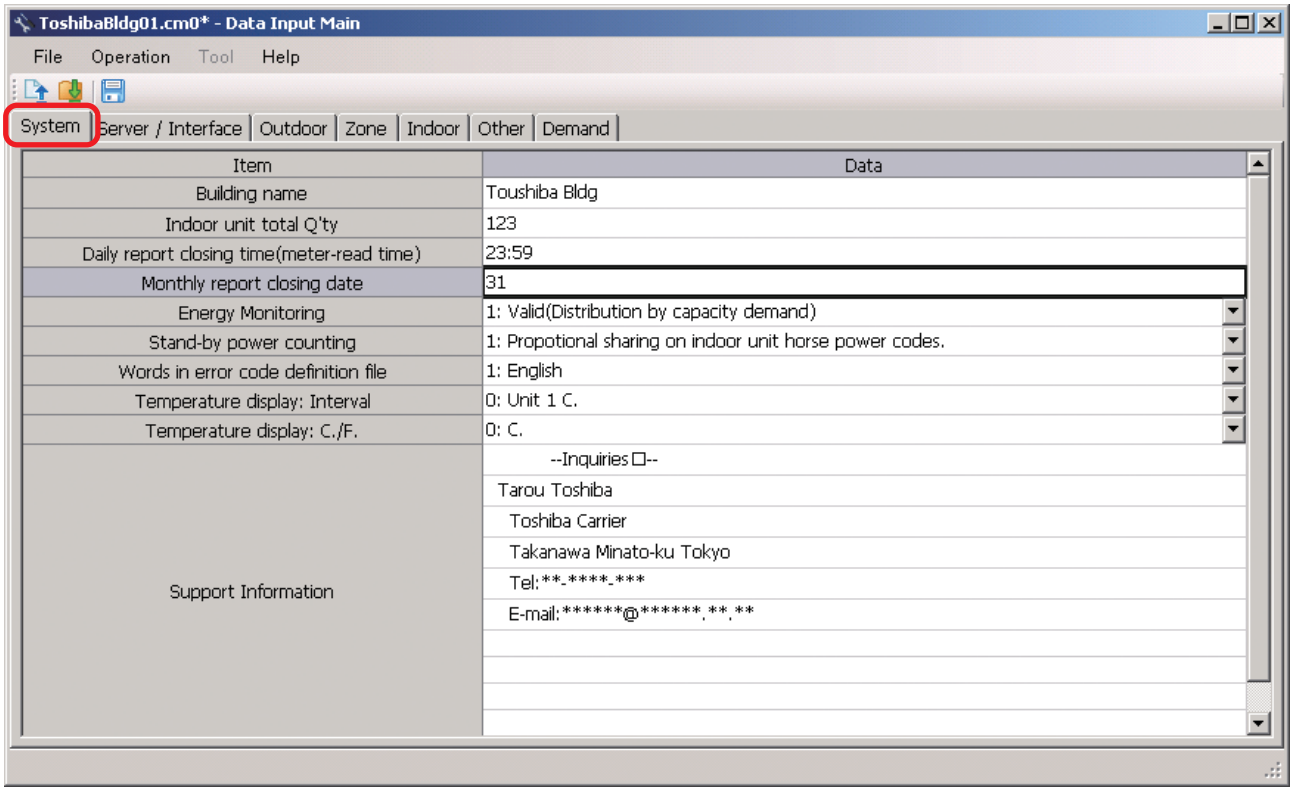


Fig.31 [System] tab

The following table shows how to enter / select data:
Compliant Manager, Smart Manager

Item	Data type	Selection	Note
Building name	Entered by user	—	
Built-in controller fire alarm channel	Selected by user	Select from list	Smart Manager only
Indoor unit total Q'ty	Entered by user	Numeric value only	
Daily report closing time	Entered by user	Time only	
Monthly report closing date	Entered by user	Numeric value only	
Lock Linkage Mode	Selected by user	Select from list	Smart Manager only
Date display format	Selected by user	Select from list	Smart Manager only
Starting day of the week	Selected by user	Select from list	Smart Manager only
Energy Monitoring	Selected by user	Select from list	
Stand-by power counting	Selected by user	Select from list	
Words in error code definition file	Selected by user	Select from list	Compliant Manager only
Words in error code definition file and zone name tags	Selected by user	Select from list	Smart Manager only
Temperature display: Interval	Selected by user	Select from list	
Temperature display: C./F.	Selected by user	Select from list	
Support Information	Entered by user	—	

Table.1 How to enter / select data

⚠ CAUTION

Fire alarm function that described in this manual can not be used with UL-approved system (Model: BMS-SM1281HTLUL).

■ Setting Up the Server

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

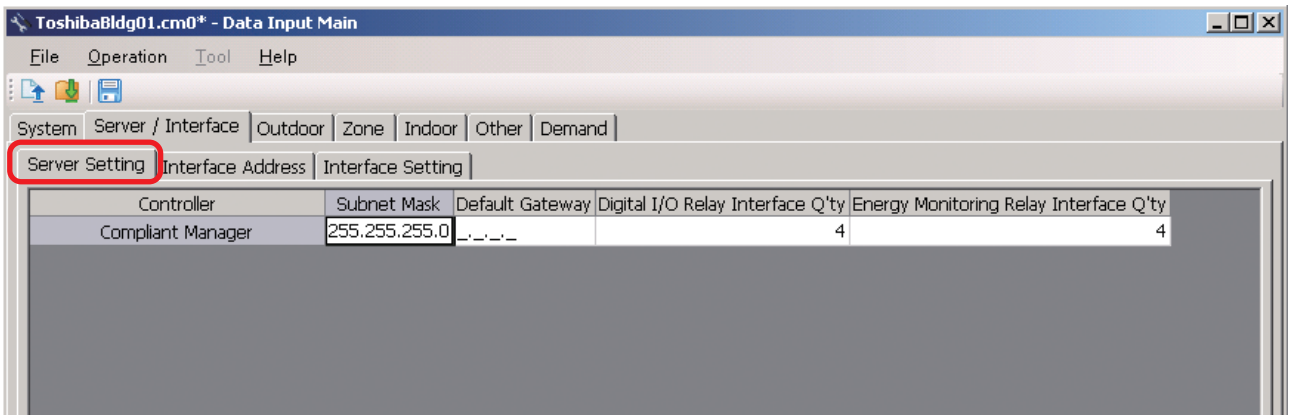


Fig.32 [Server Setting] tab

The following table shows how to enter / select data:
Compliant Manager, Smart Manager

Item	Data type	Selection	Note
IP Address	Entered by user	Numeric value only	
Subnet Mask	Entered by user	Numeric value only	
Default Gateway	Entered by user	Numeric value only	
Digital I/O Relay Interface Q'ty	Entered by user	Numeric value only	0 - 4
Energy Monitoring Relay Interface Q'ty	Entered by user	Numeric value only	0 - 4

Table.2 How to enter / select data

EN

■ Setting Up the Interface Address

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

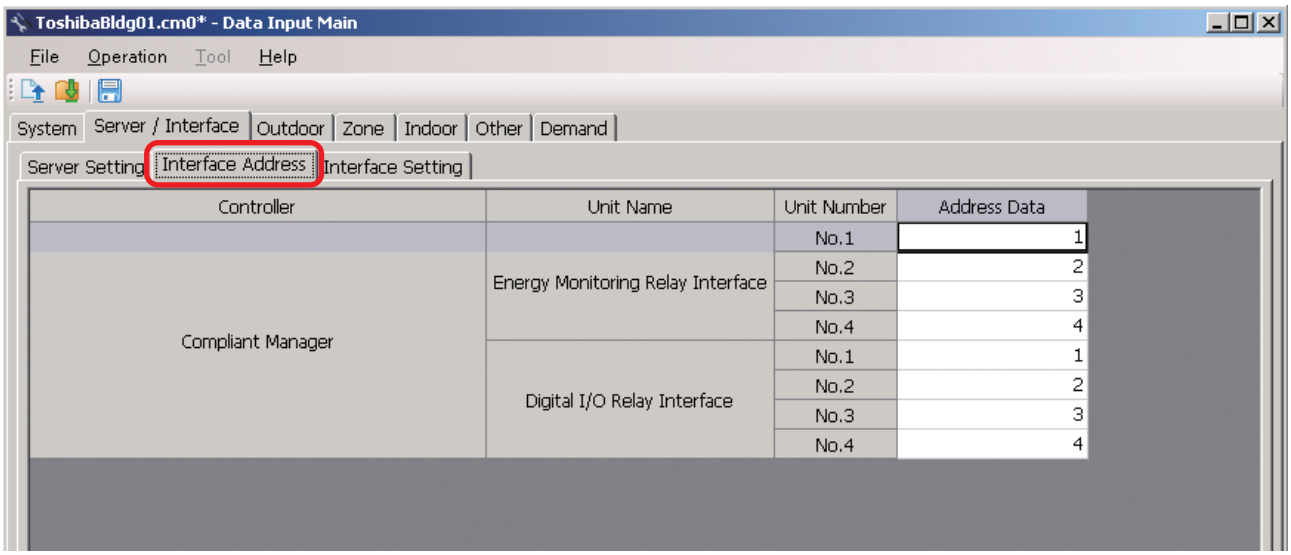


Fig.33 [Interface Address] tab

The following table shows how to enter / select data:
Compliant Manager, Smart Manager

Item	Data type	Selection	Note
Energy Monitoring Relay Interface Address Data	Entered by user	Numeric value only	
Digital I/O Relay Interface Address Data	Entered by user	Numeric value only	

Table.3 How to enter / select data

■ Setting Up the Interface Function

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

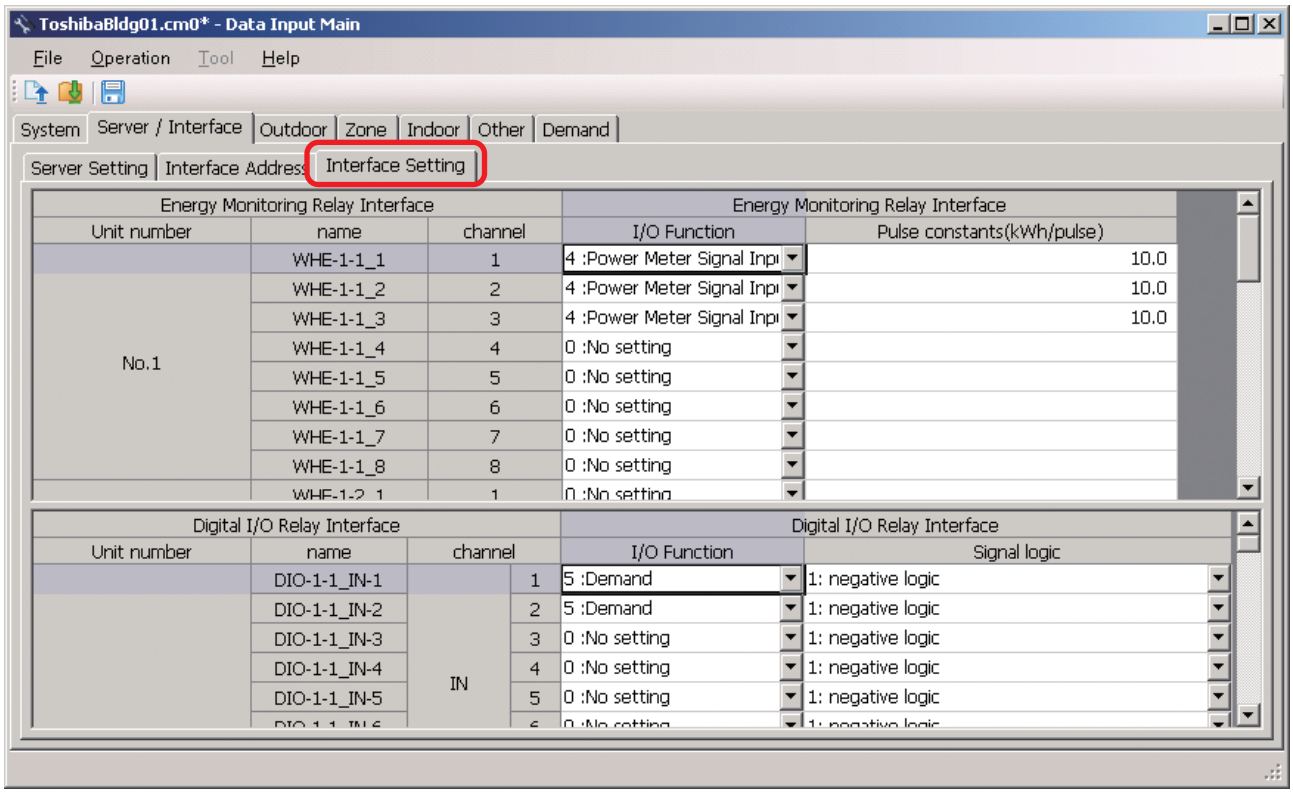


Fig.34 [Interface Setting] tab

The following table shows how to enter / select data:
Compliant Manager, Smart Manager

Item	Data type	Selection	Note
I/O Function	Selected by user	Select from list	
Signal logic	Selected by user	Select from list	Digital I/O Interface Only
Pulse constants	Entered by user	Numeric value only	0.1 – 99.9, Energy Monitoring Relay Interface Only

Table.4 How to enter / select data

EN

■ 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.

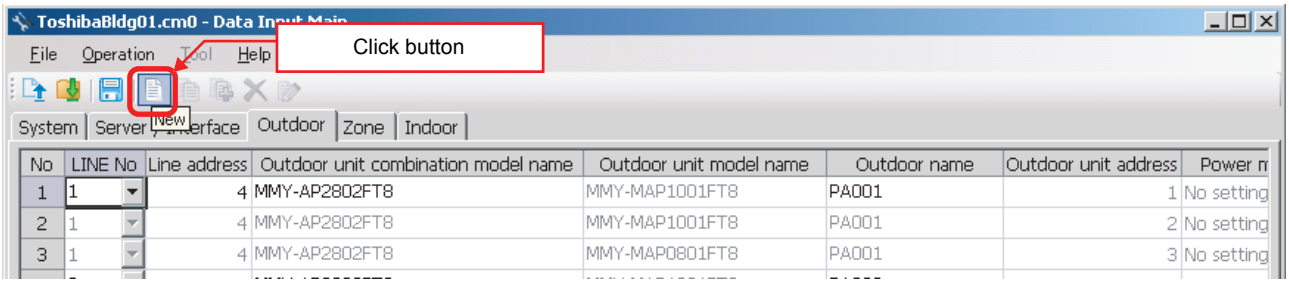


Fig.35 [Outdoor] tab (New button)

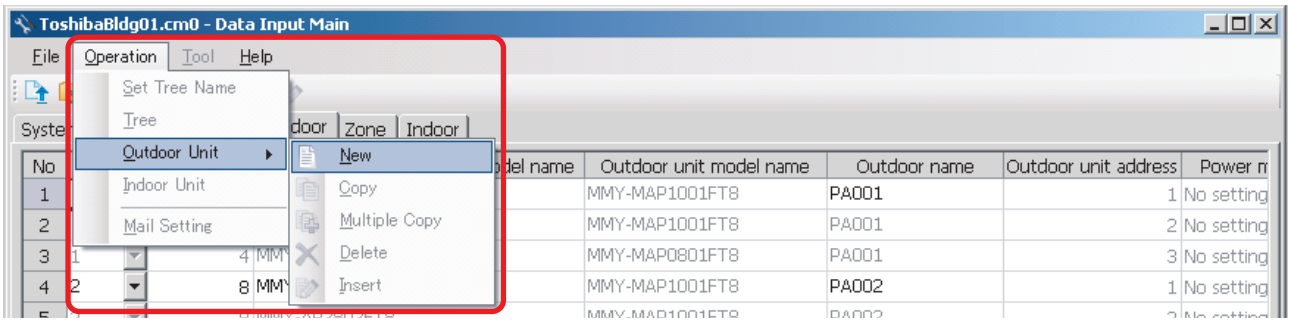


Fig.36 [Outdoor] tab (New menu)

The following table shows how to enter / select data:

Compliant Manager, Smart Manager

Item	Data type	Selection	Note
LINE No	Selected by user	Select from list	
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		
Power meter input name	Selected by user	Select from list	

Table.5 How to enter / select data

Selecting an outdoor unit

Clicking a cell of an outdoor unit combination model name on the [Outdoor] tab (Fig.6) 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 (Fig.6). To cancel changing the outdoor unit setting, click the Cancel button to return to the [Outdoor] tab.

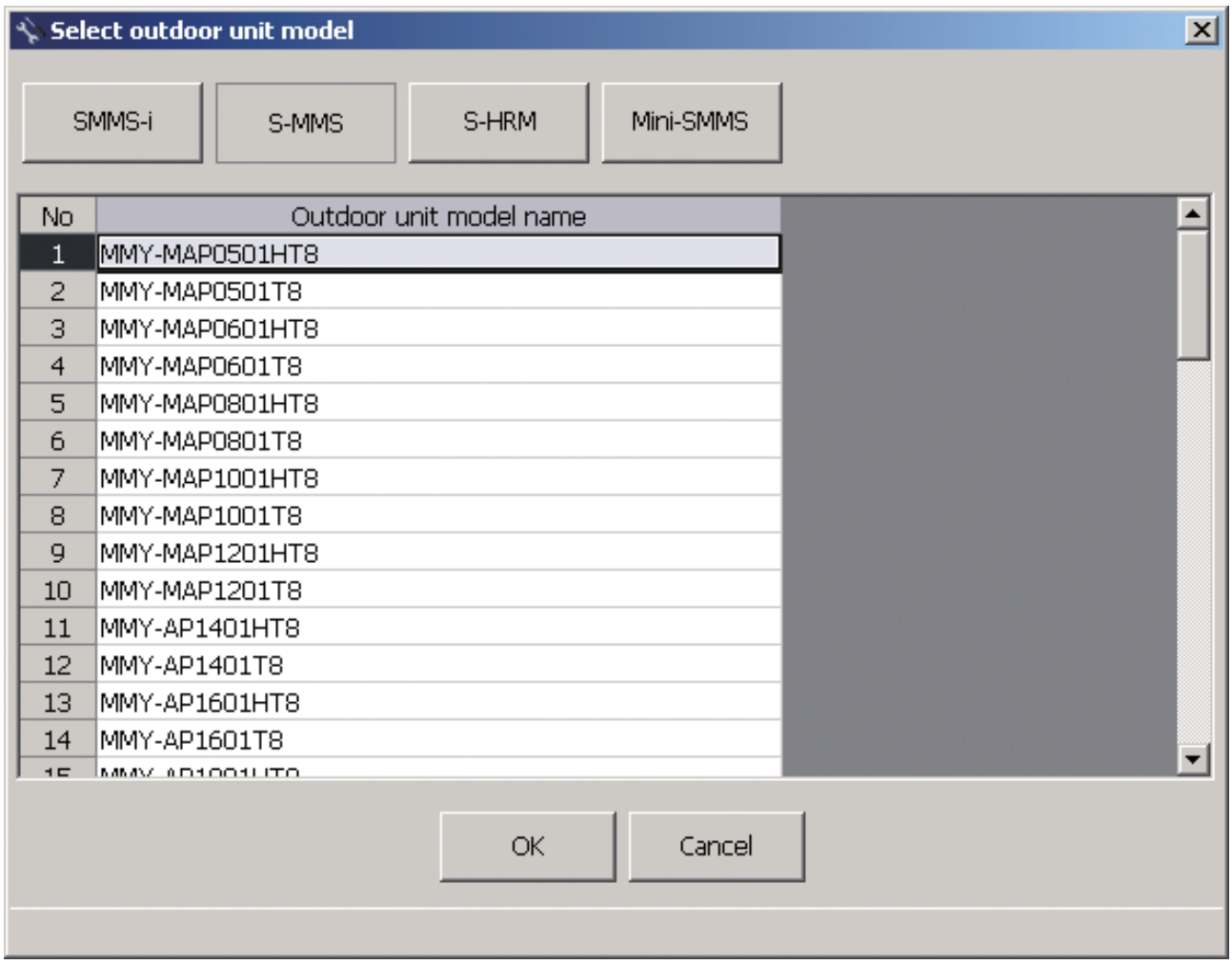


Fig.37 [Select outdoor unit model] screen

EN

■ Copying the Data of an Outdoor Unit

Select a line of an outdoor unit on the [Outdoor] tab (Fig.6), 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.

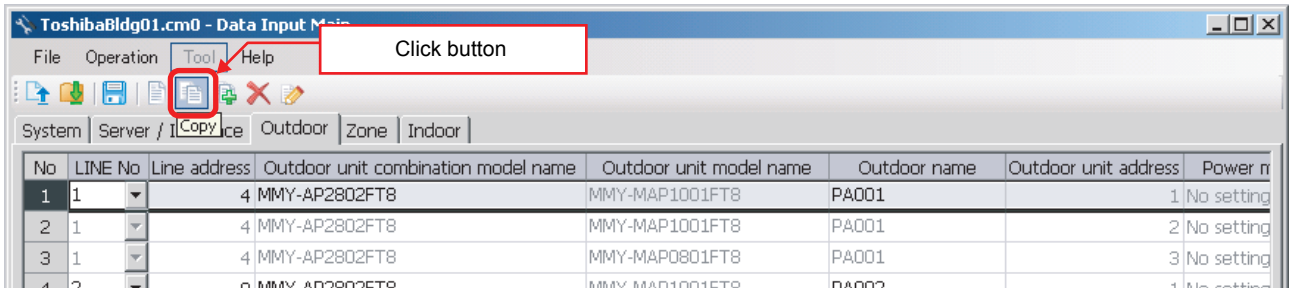


Fig.38 [Outdoor] tab (Copy button)

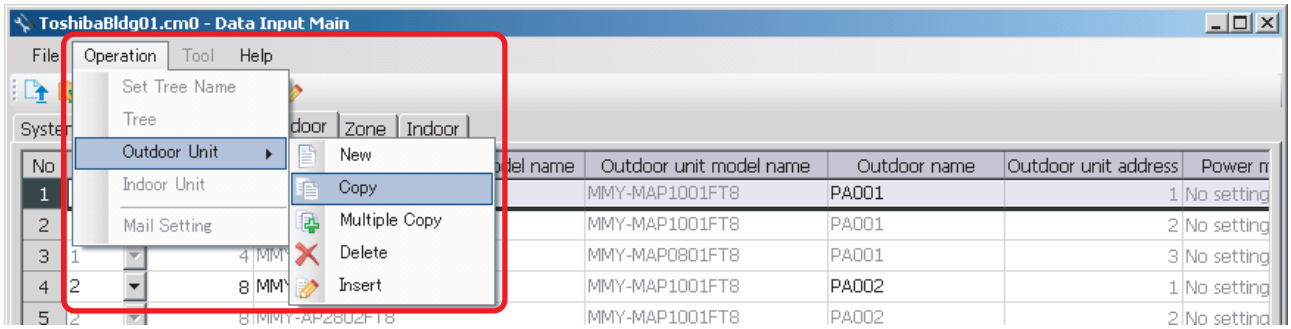


Fig.39 [Outdoor] tab (Copy menu)

■ Copying the Data of Multiple Outdoor Units

Select a line of outdoor unit on the [Outdoor] tab (Fig.6), and click the [Multicopy] button, or select the [Operation] menu > [Outdoor Unit] > [Multicopy]. The Copy line count screen appears.

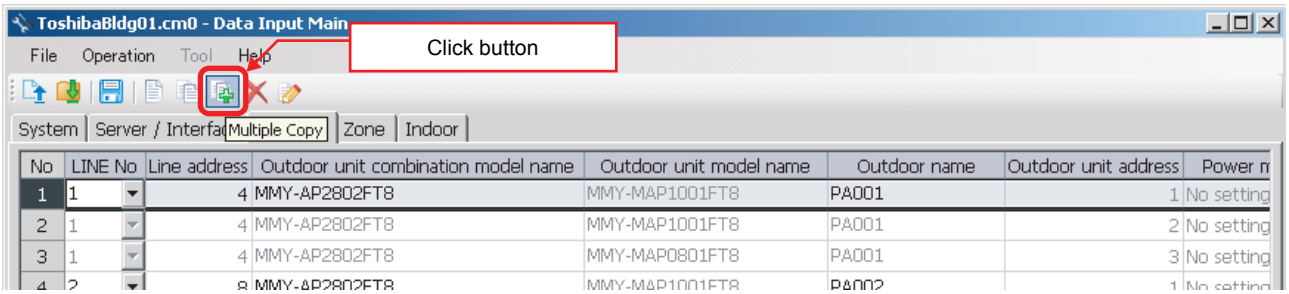


Fig.40 [Outdoor] tab (Multicopy button)

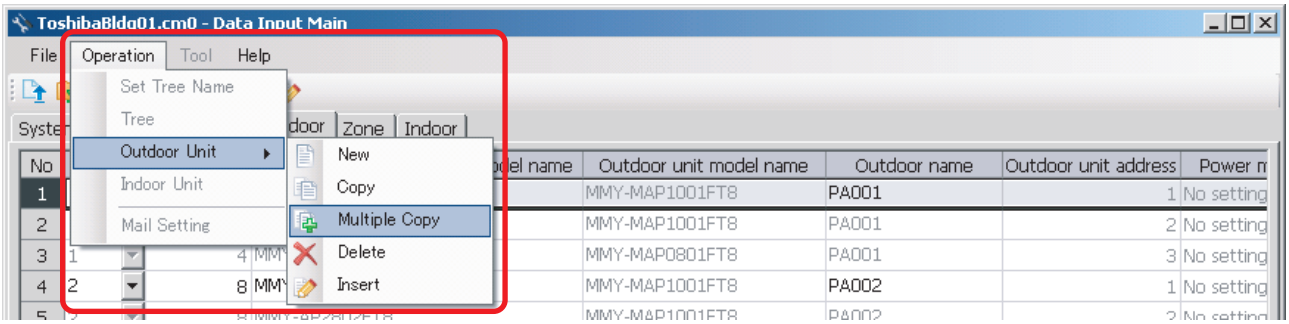


Fig.41 [Outdoor] tab (Multicopy menu)

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.

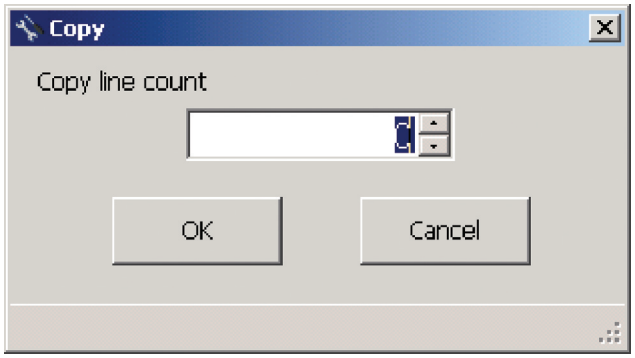


Fig.42 [Copy line count] screen

EN

■ 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].

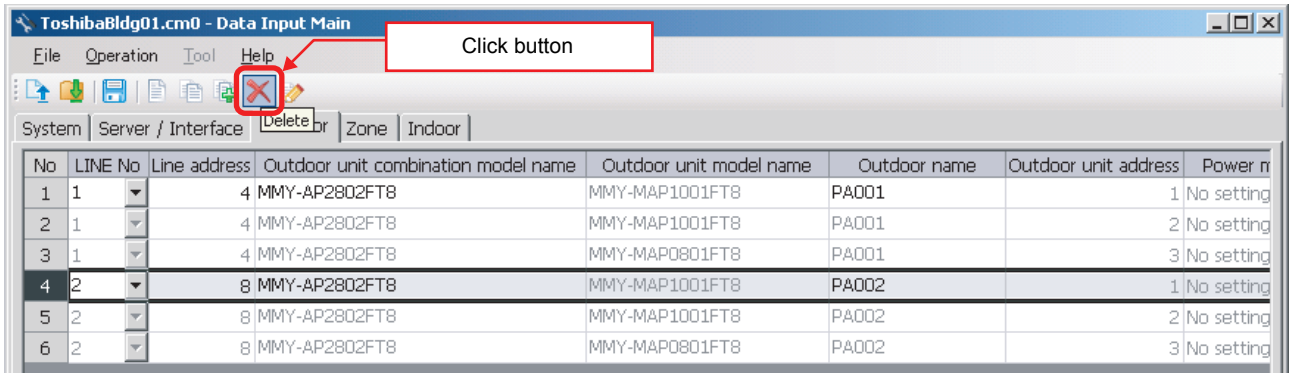


Fig.43 [Outdoor] tab (Delete button)

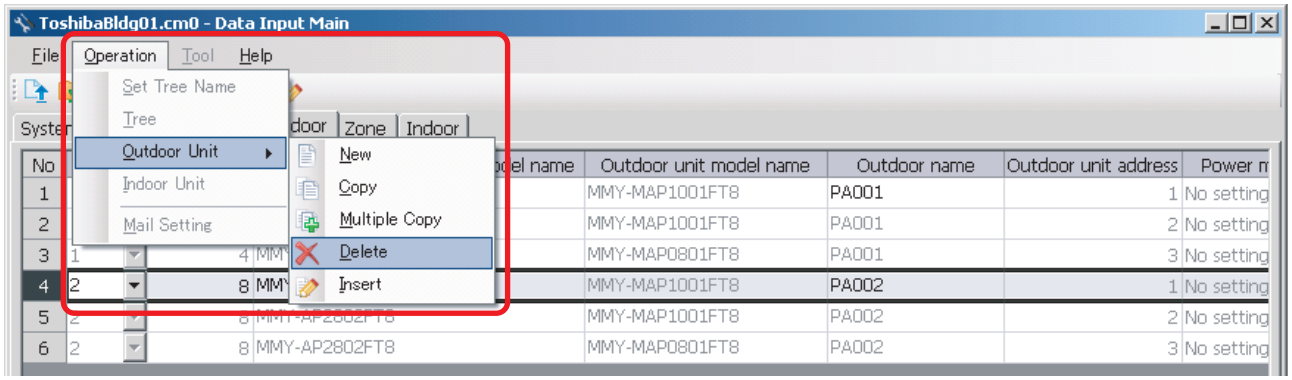


Fig.44 [Outdoor] tab (Delete menu)

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.

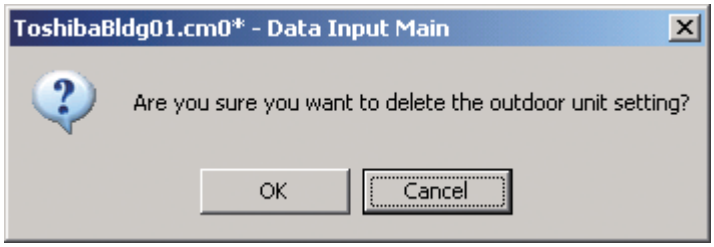


Fig.45 [Deletion confirmation dialog box

■ 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.

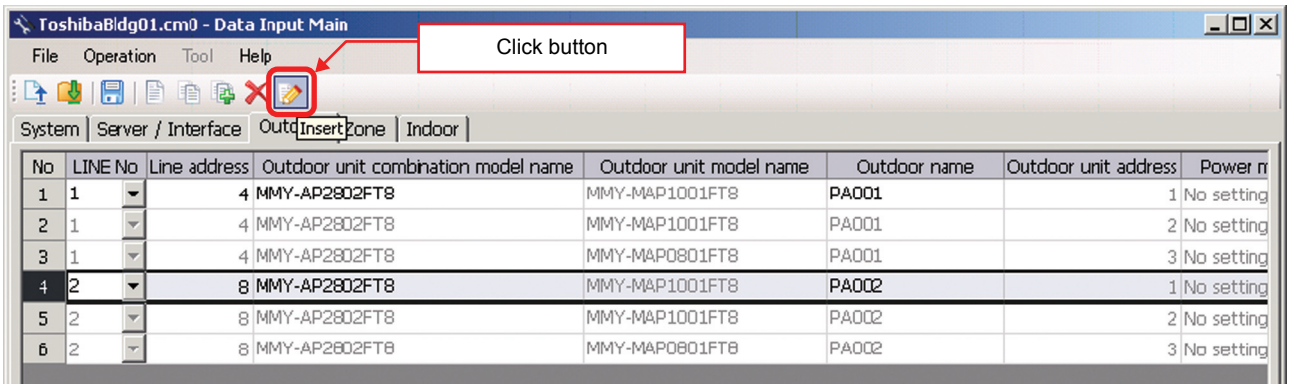


Fig.46 [Outdoor] tab (Insert button)

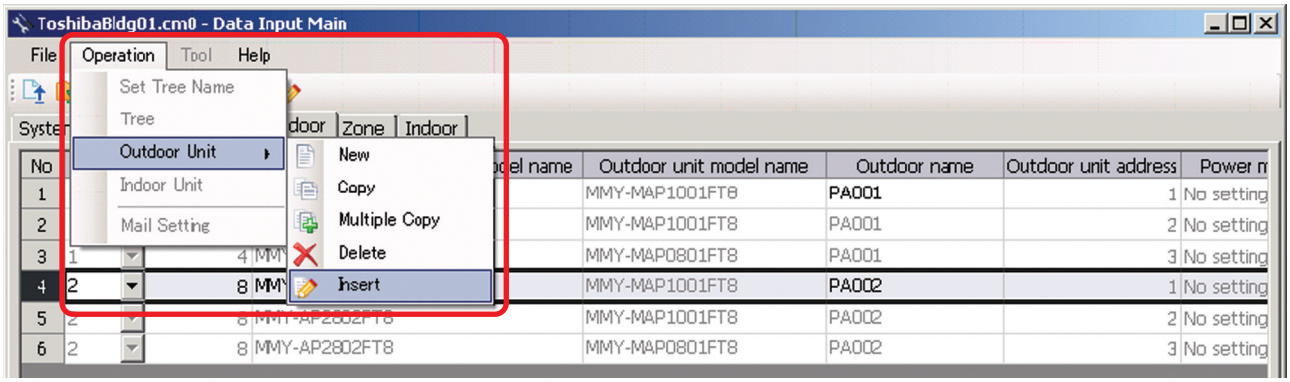


Fig.47 [Outdoor] tab (Insert menu)

EN

■ Editing a Zone

On the [Zone] tab, select a section (Floor, Monthly report tenant, Tenant, Area) from the combo box in the upper left corner of the window. Enter a name in the displayed zone list.

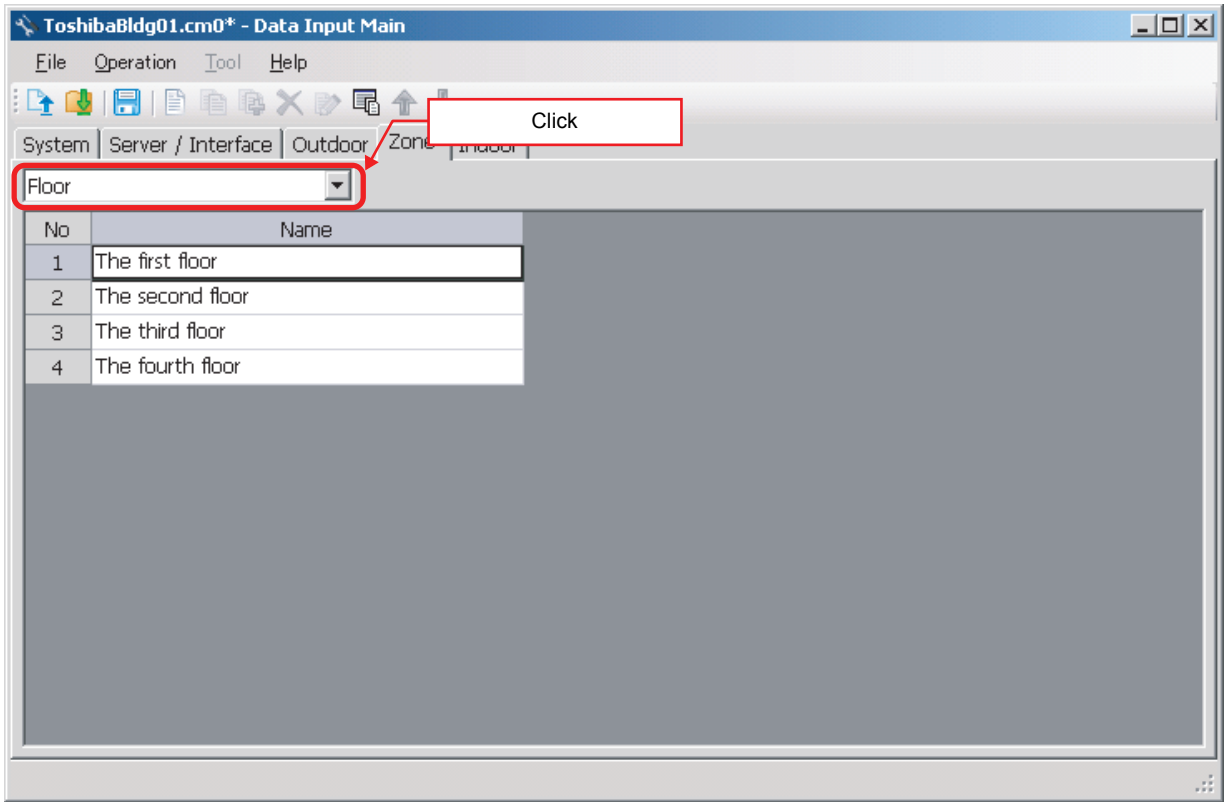


Fig.48 [Zone] tab (Floor)

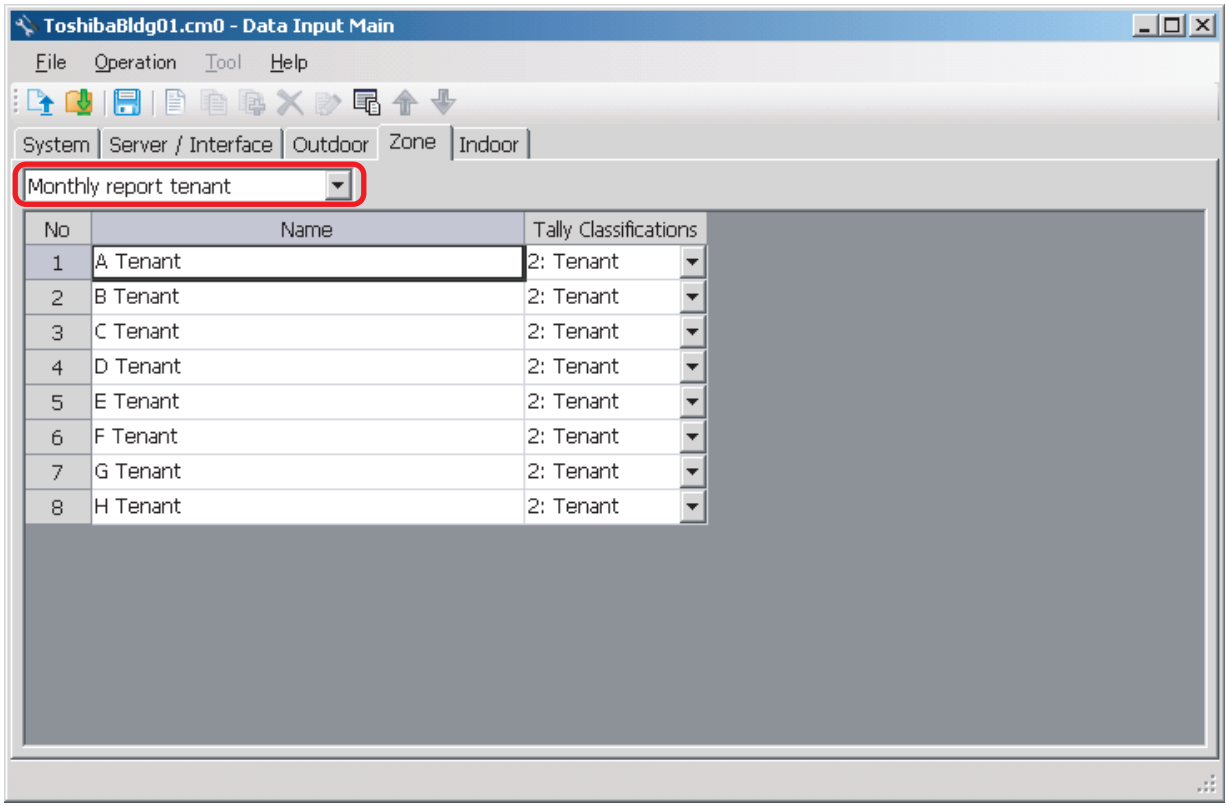


Fig.49 [Zone] tab (Monthly report tenant)

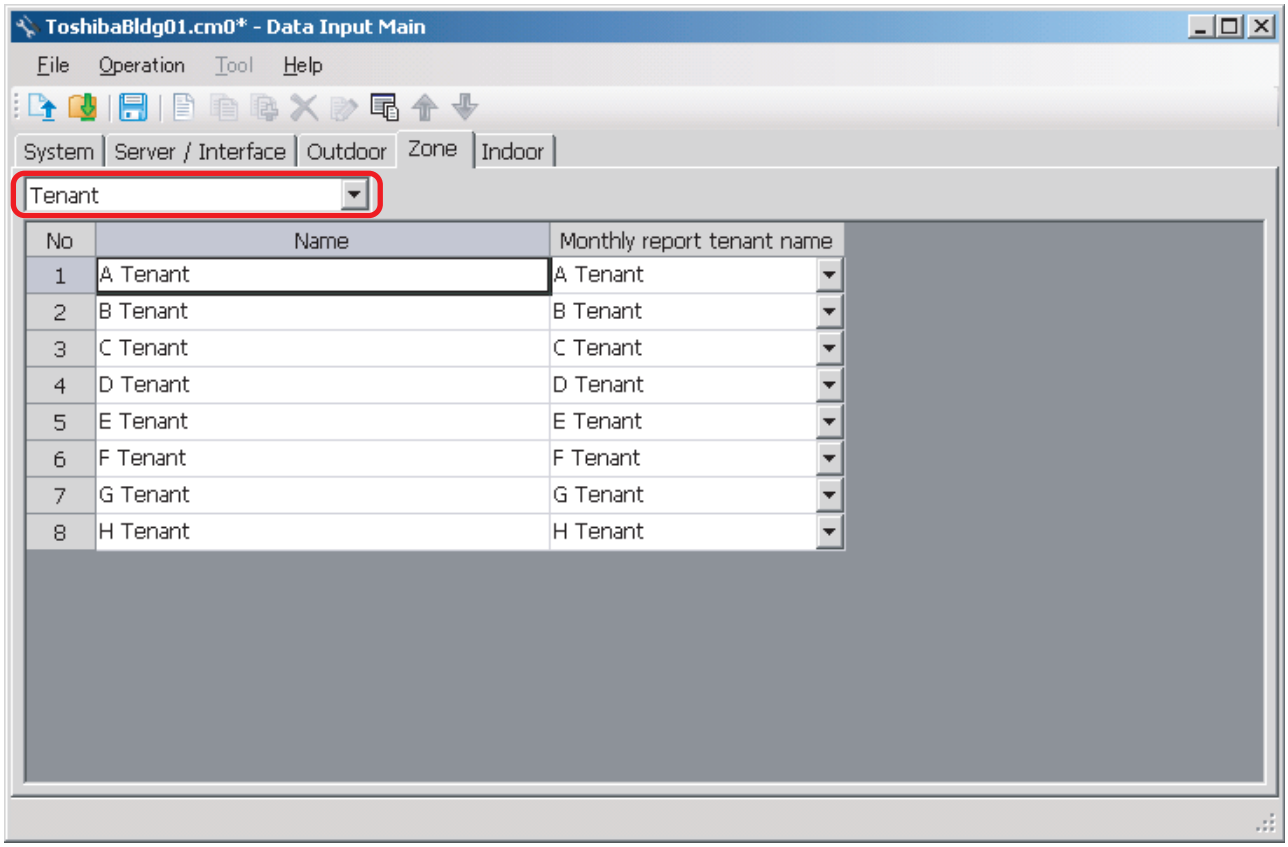


Fig.50 [Zone] tab (Tenant)

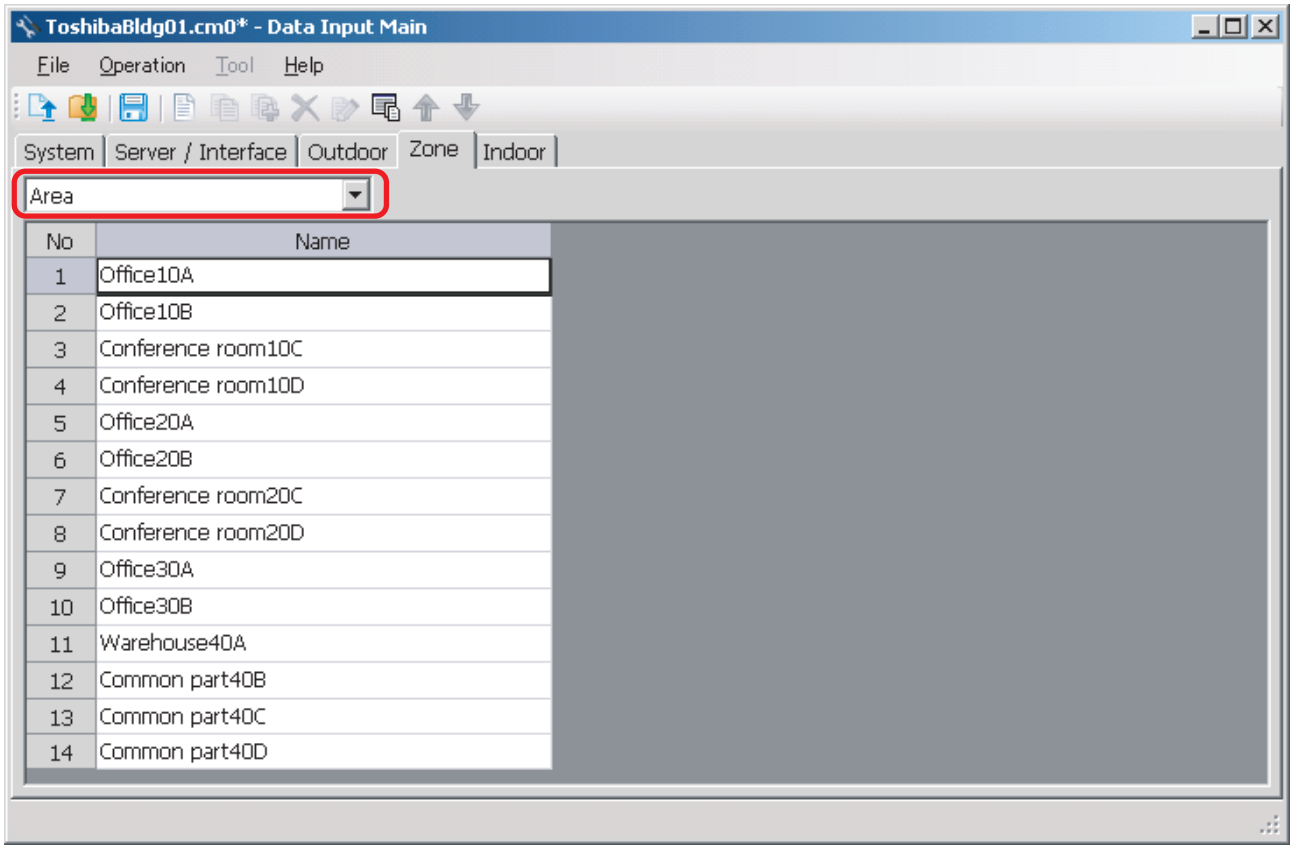


Fig.51 [Zone] tab (Area)

EN

■ Adding a Zone

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

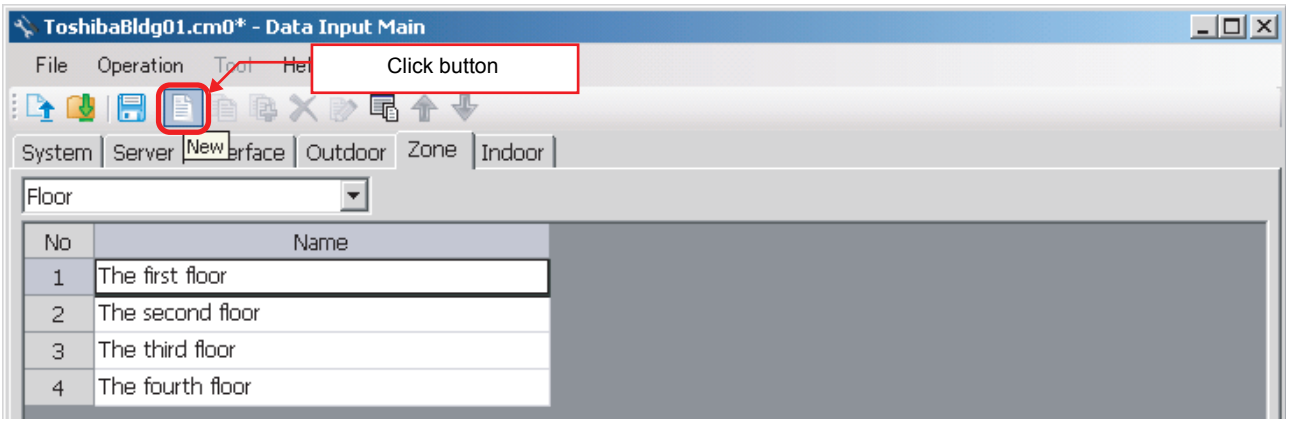


Fig.52 [Zone] tab (New button)

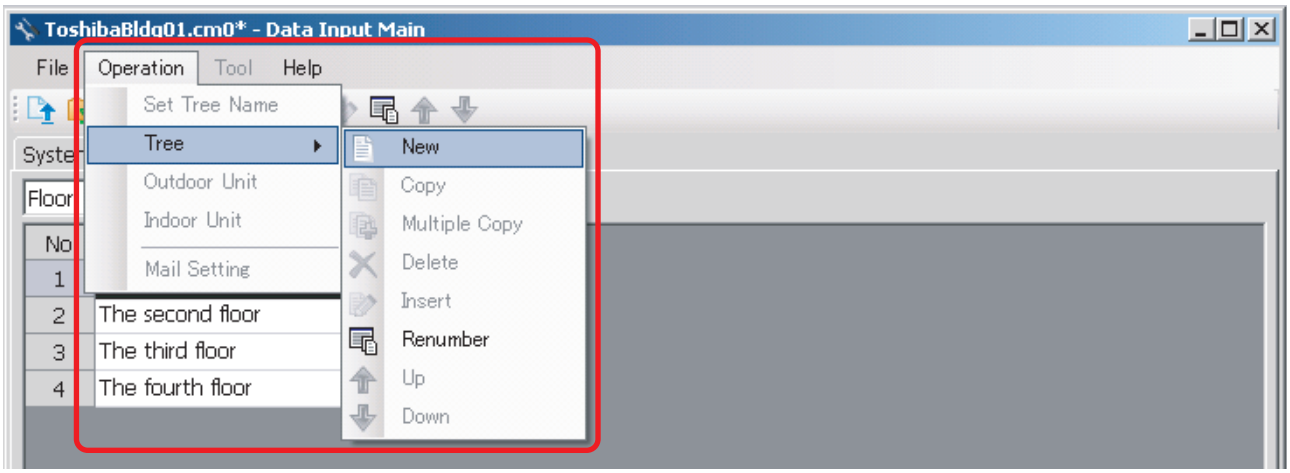


Fig.53 [Zone] tab (New button)

The following table shows how to enter / select data:
Compliant Manager, Smart Manager

Item	Data type	Selection	Note
Name	Entered by user		
Tally Classifications	Selected by user	Select from list	Monthly report tenant only
Monthly report tenant name	Selected by user	Select from list	Tenant only

Table.6 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.

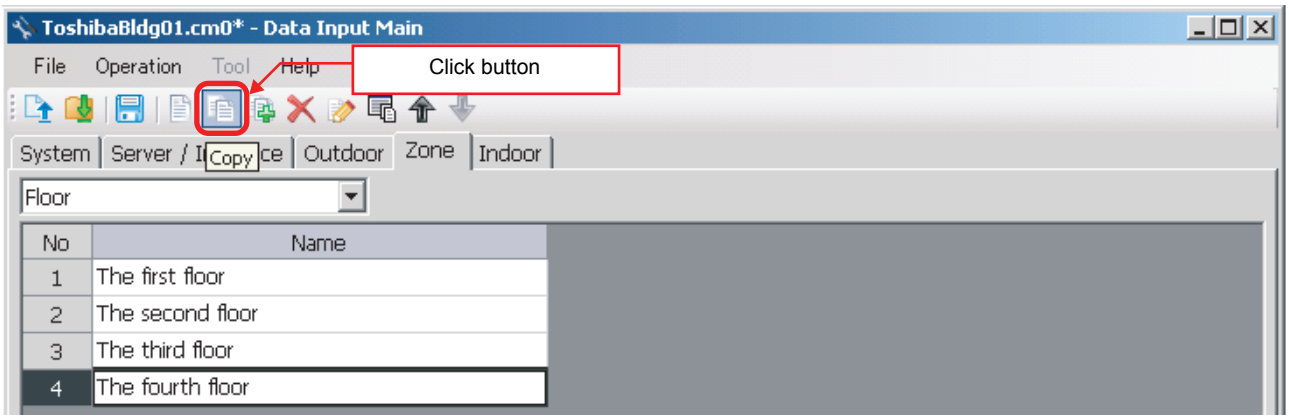


Fig.54 [Zone] tab (Copy button)

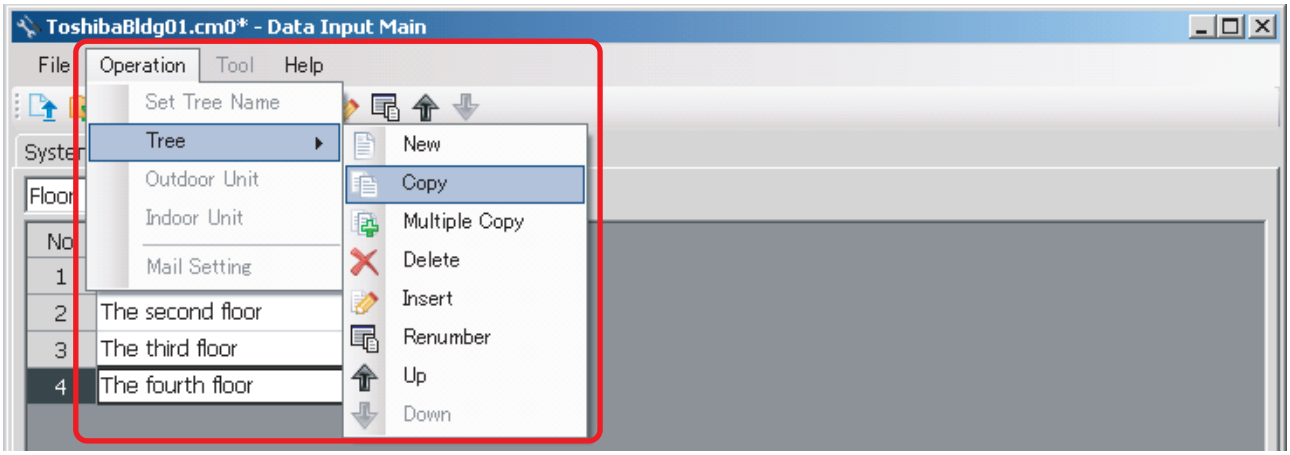


Fig.55 [Zone] tab (Copy menu)

EN

■ 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.

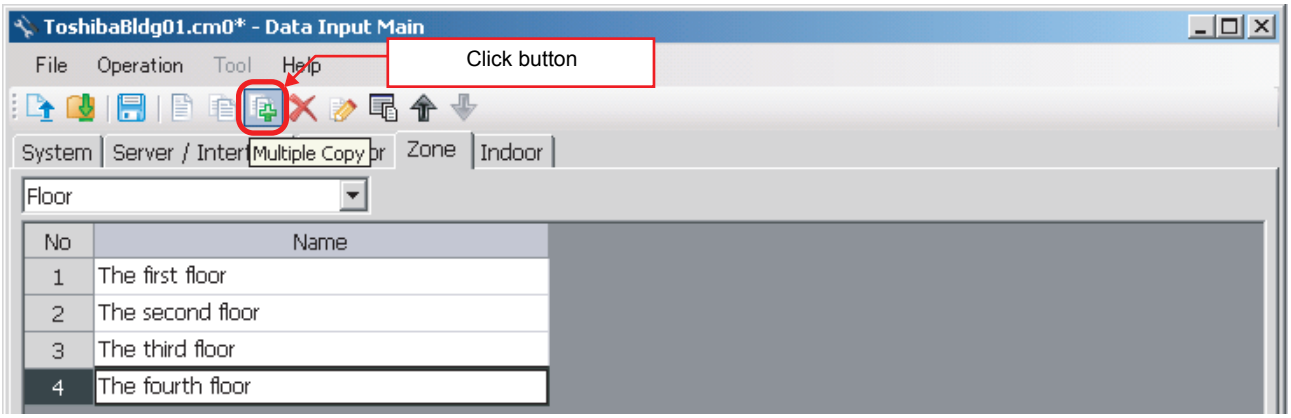


Fig.56 [Zone] tab (Multicopy button)

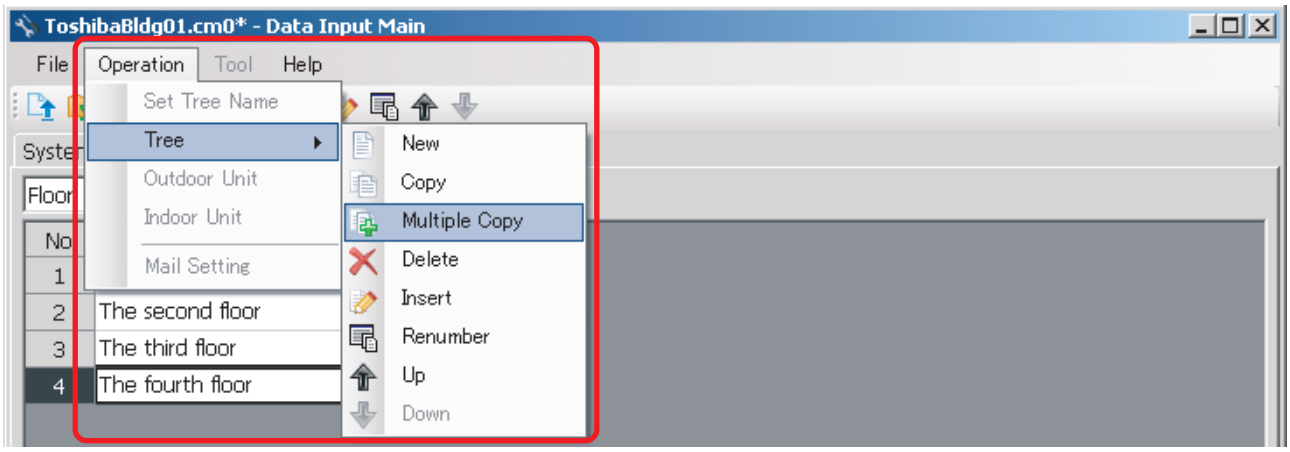


Fig.57 [Zone] tab (Multicopy menu)

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.

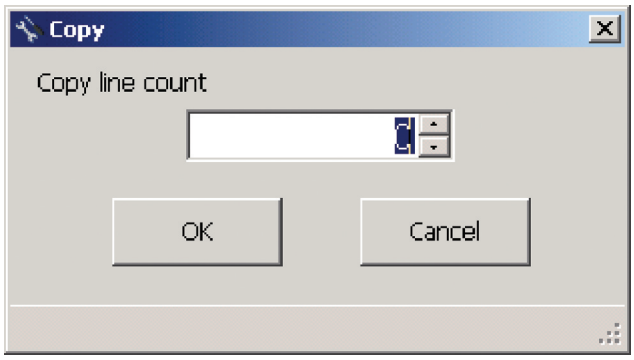


Fig.58 [Copy line count] screen

■ 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].

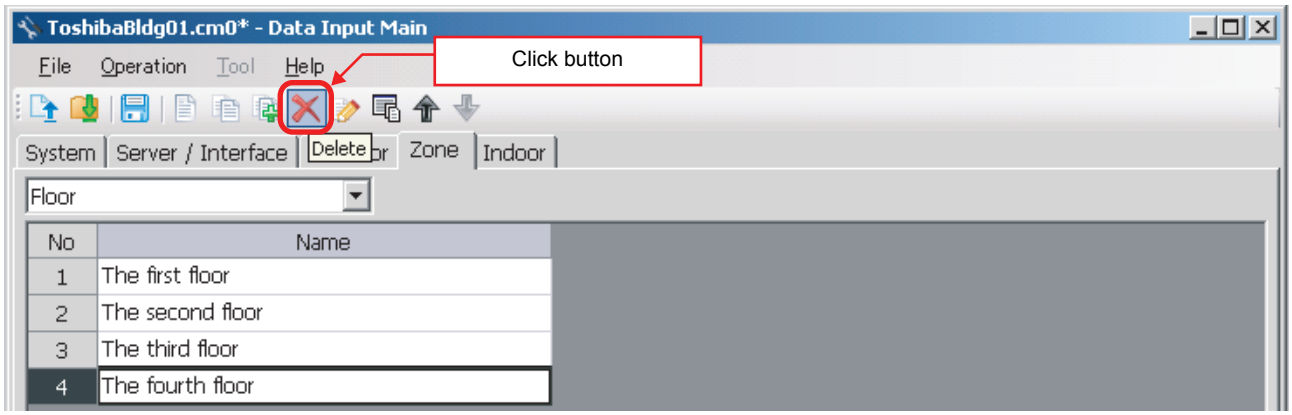


Fig.59 [Zone] tab (Delete button)

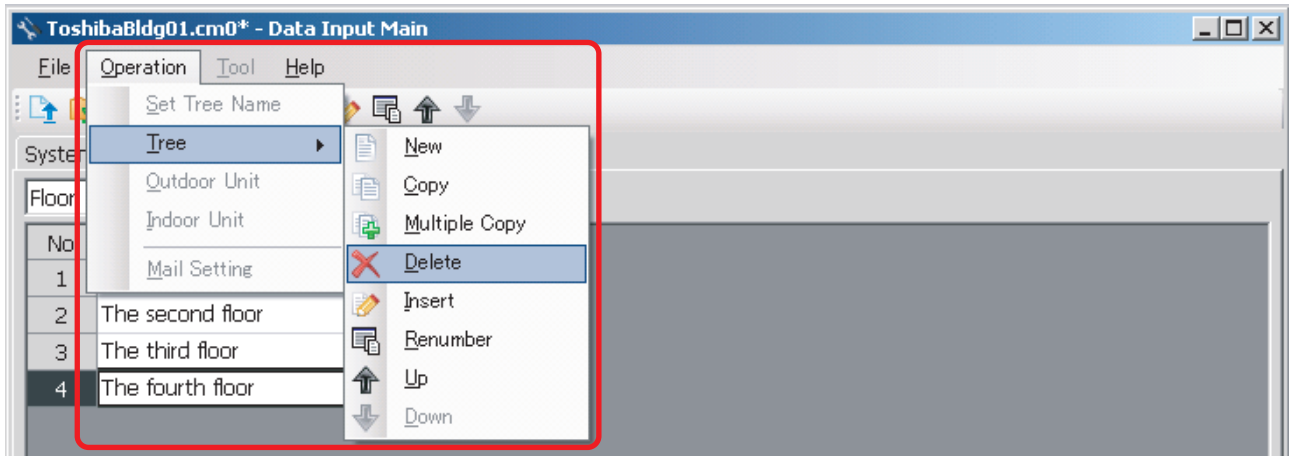


Fig.60 [Zone] tab (Delete menu)

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.

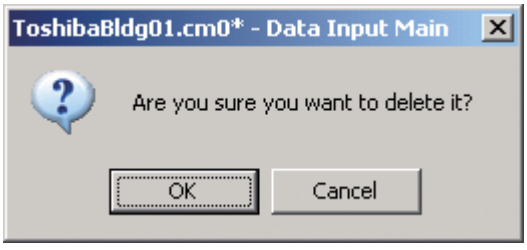


Fig.61 Deletion confirmation dialog box

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

EN

■ 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.

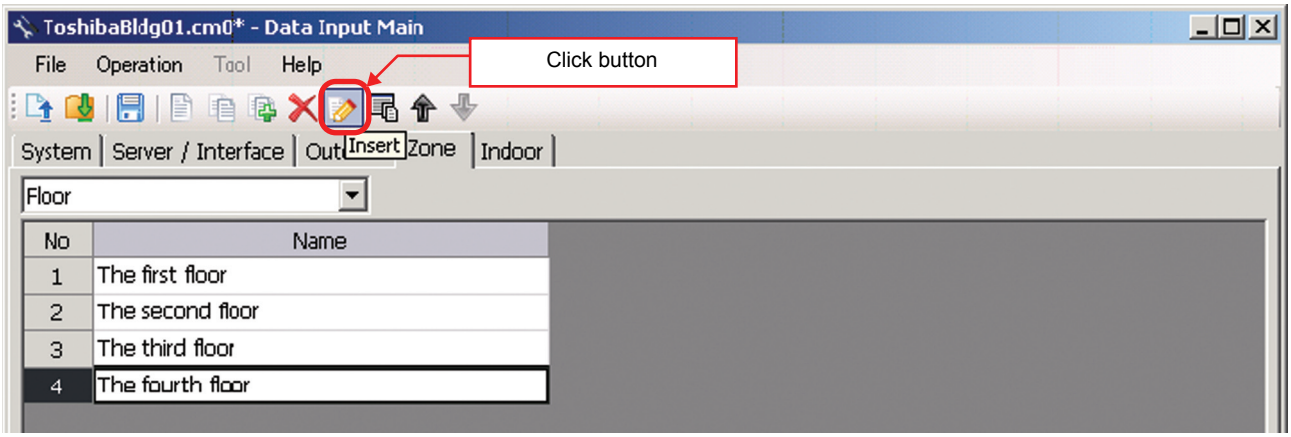


Fig.62 [Zone] tab (Insert button)

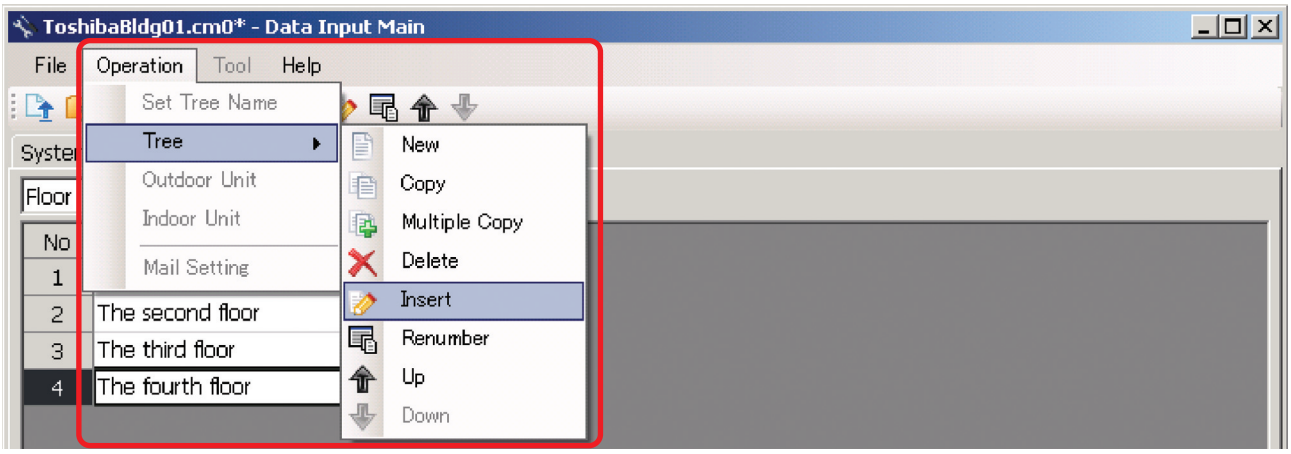


Fig.63 [Zone] tab (Insert menu)

■ Renumbering the Zones

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

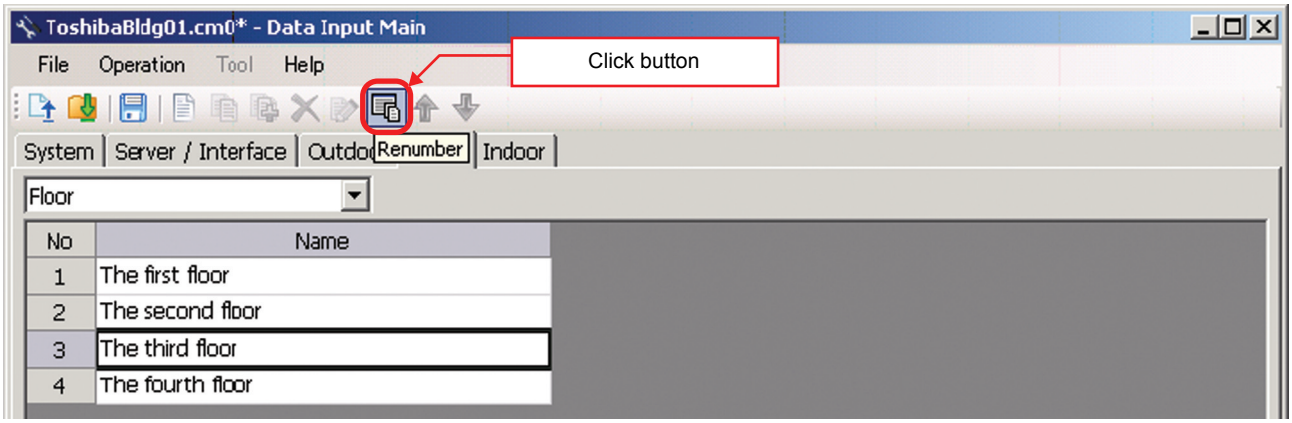


Fig.64 [Zone] tab (Renumber button)

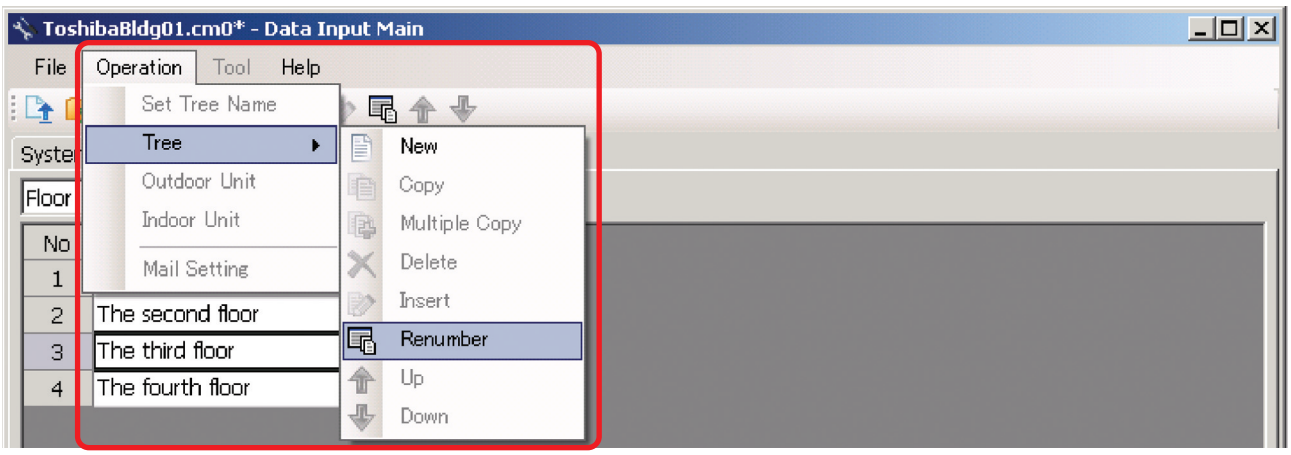


Fig.65 [Zone] tab (Renumber menu)

EN

■ 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.

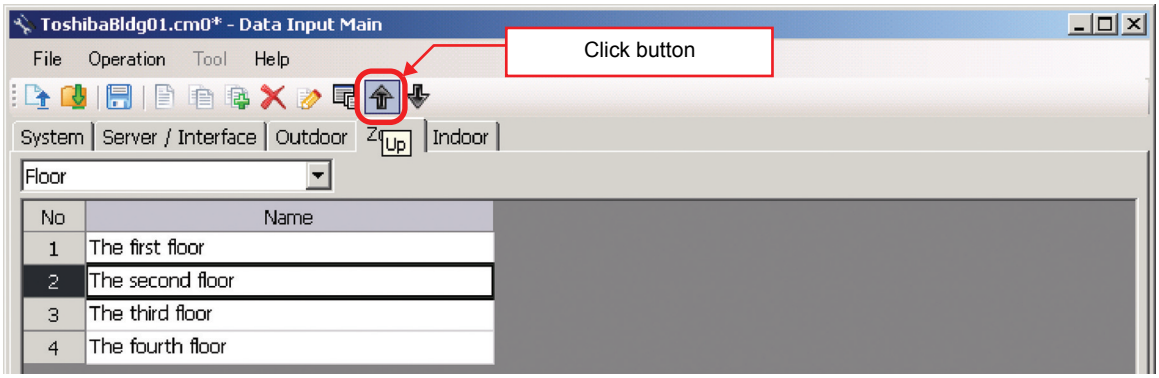


Fig.66 [Zone] tab (Up button)

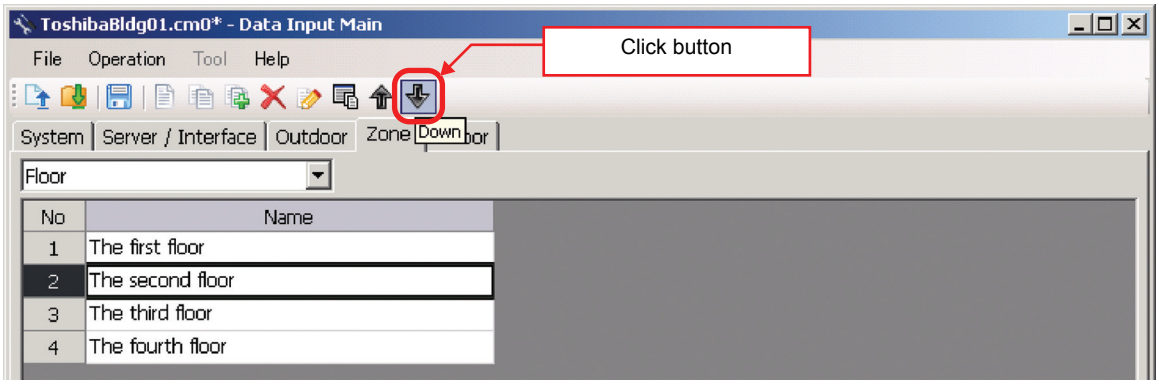


Fig.66-1 [Zone] tab (Down button)

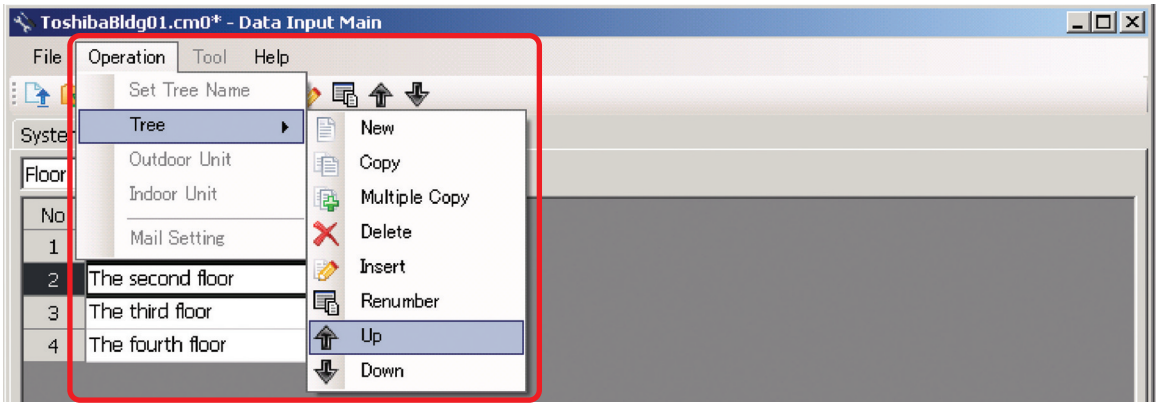


Fig.67 [Zone] tab (Up menu)

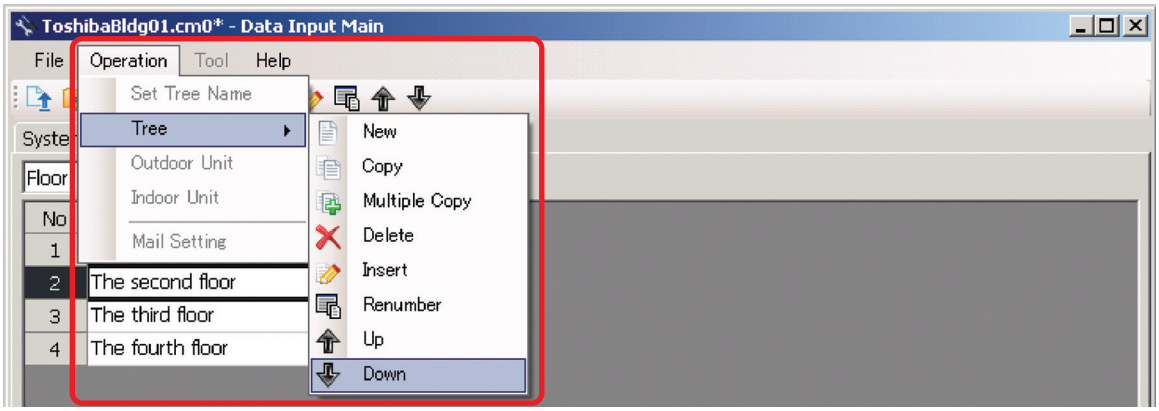


Fig.67-1 [Zone] tab (Down menu)

■ 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.

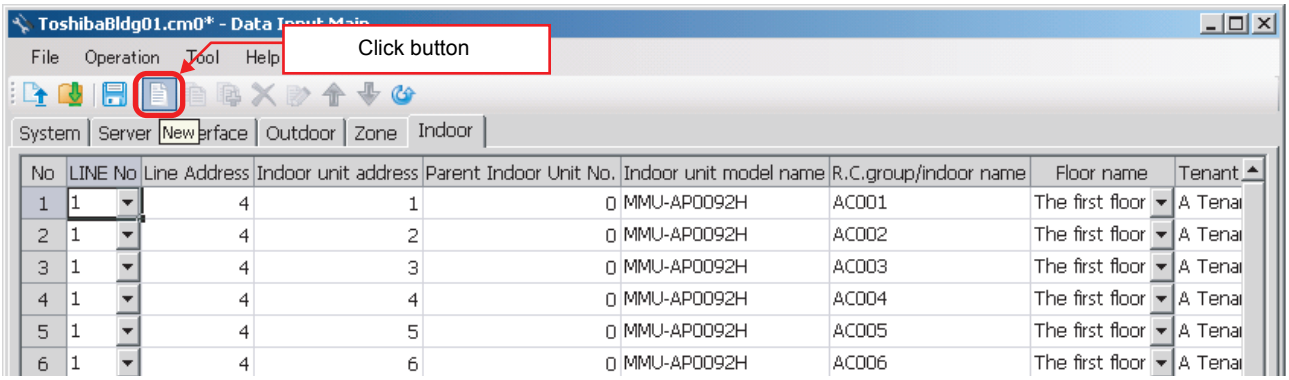


Fig.68 [Indoor] tab (New button)

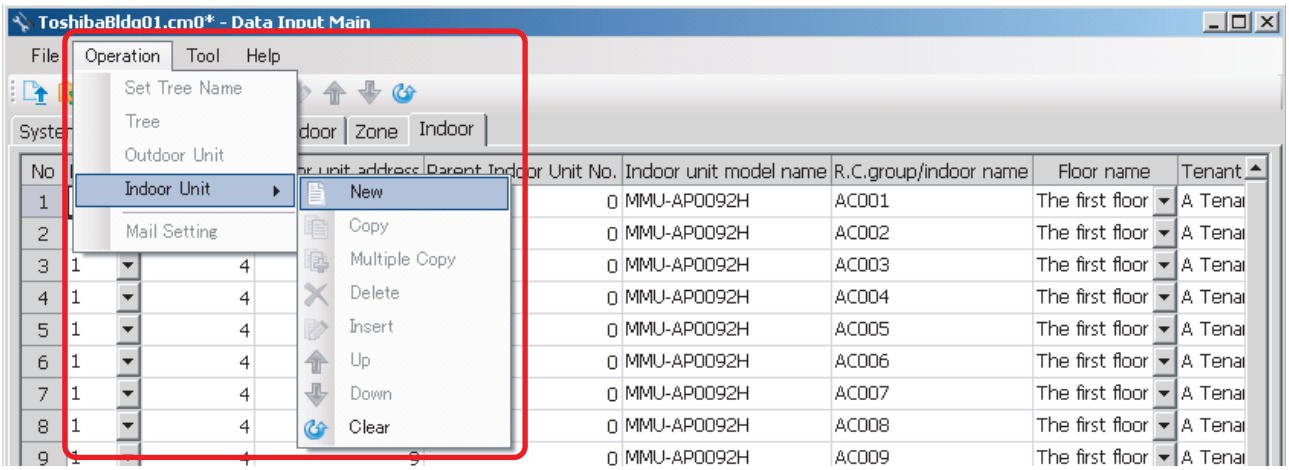


Fig.69 [Indoor] tab (New menu)

EN

The following table shows how to enter / select data:
Compliant Manager, Smart Manager

Item	Data type	Selection	Note
LINE No	Selected by user	Select from list	
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	
Tenant name	Selected by user	Select from list	
Area name	Selected by user	Select from list	
Door-lock input name	Selected by user	Select from list	
Fire alarm input name	Selected by user	Select from list	
Power meter input name	Selected by user	Select from list	
General purpose interface Energy Coefficient (kWh)	Entered by user		
Air Conditioner No.	Entered by user		

Table.7 How to enter / select data

⚠ CAUTION

Fire alarm function that described in this manual can not be used with UL-approved system (Model: BMS-SM1281HTLUL).

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.

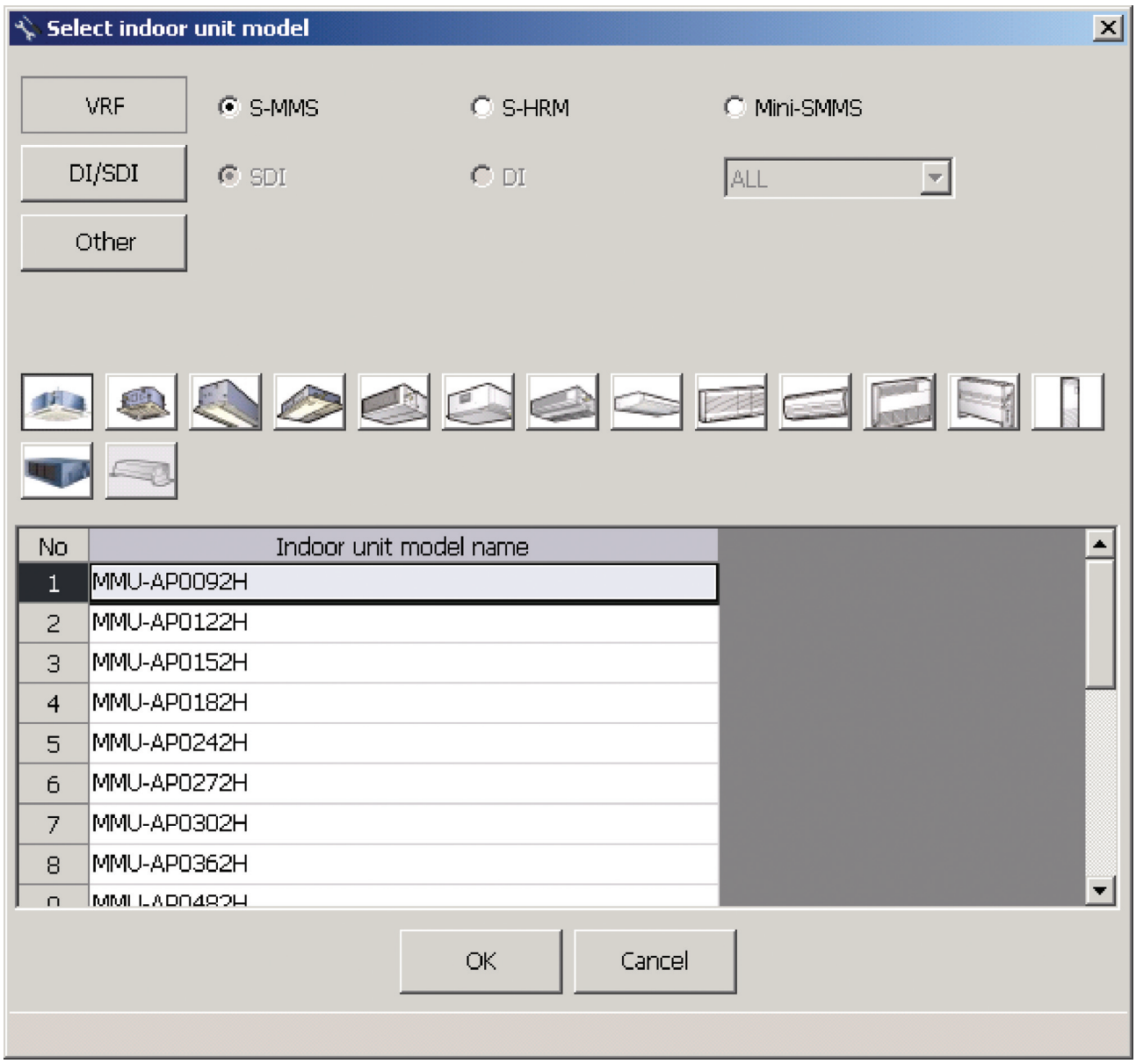


Fig.70 [Select indoor unit model] screen

EN

■ Copying the Data of an Indoor Unit

Select a line of an indoor unit on the [Indoor] tab (Fig.8), 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.

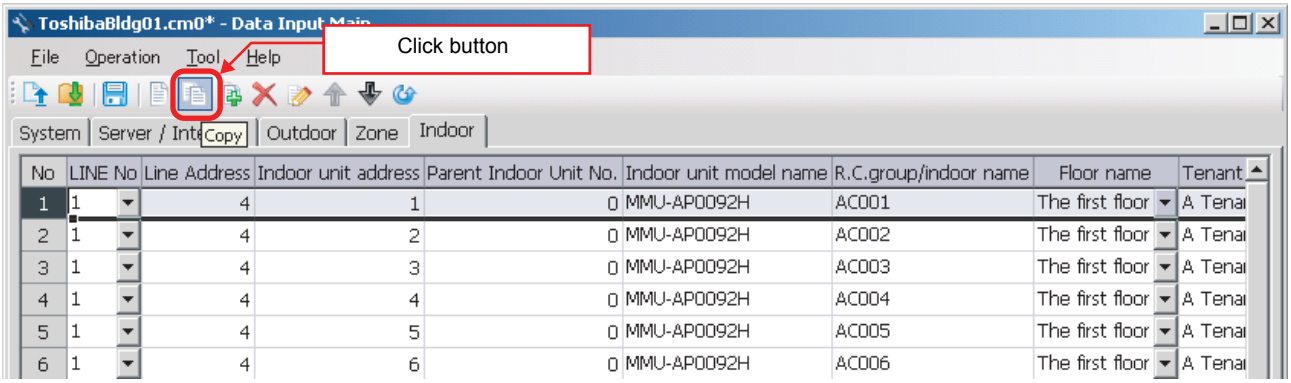


Fig.71 [Indoor] tab (Copy button)

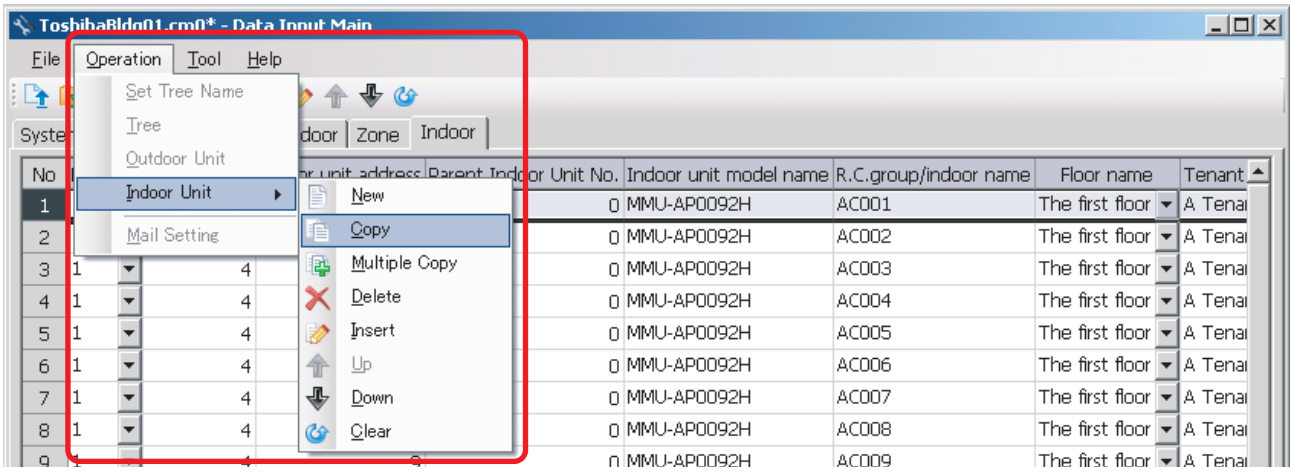


Fig.72 [Indoor] tab (Copy menu)

■ 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.

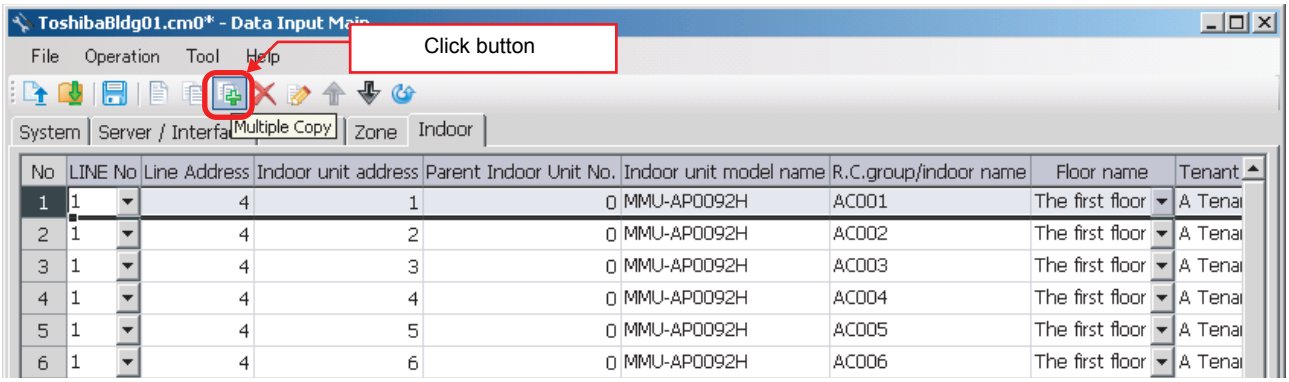


Fig.73 [Indoor] tab (Multicopy button)

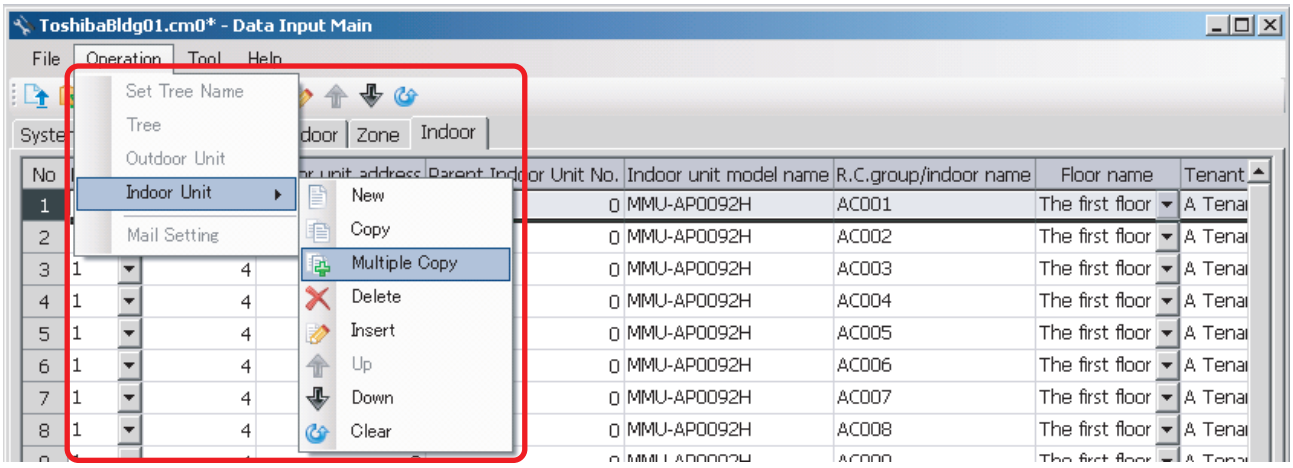


Fig.74 [Indoor] tab (Multicopy menu)

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.

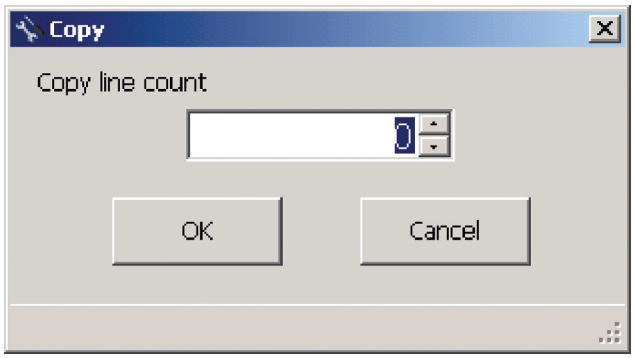


Fig.75 [Copy line count] screen

EN

■ 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].

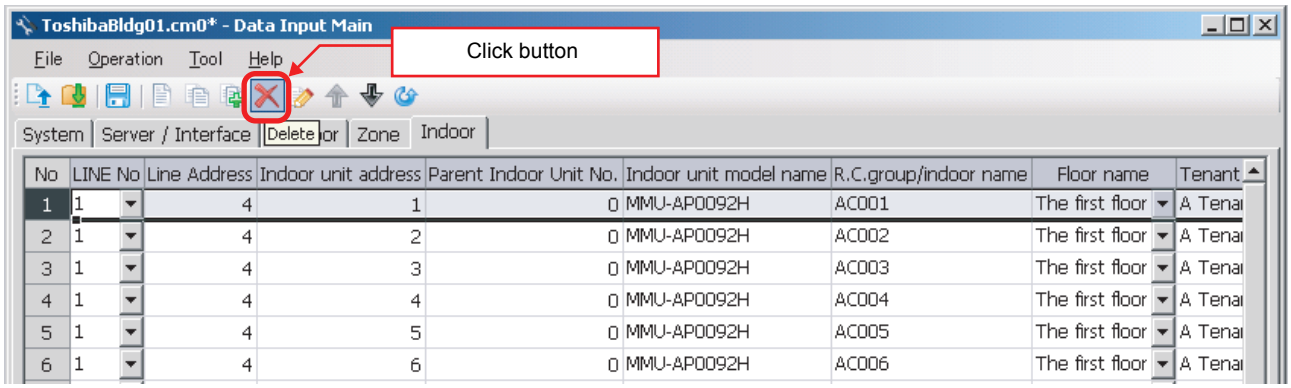


Fig.76 [Indoor] tab (Delete button)

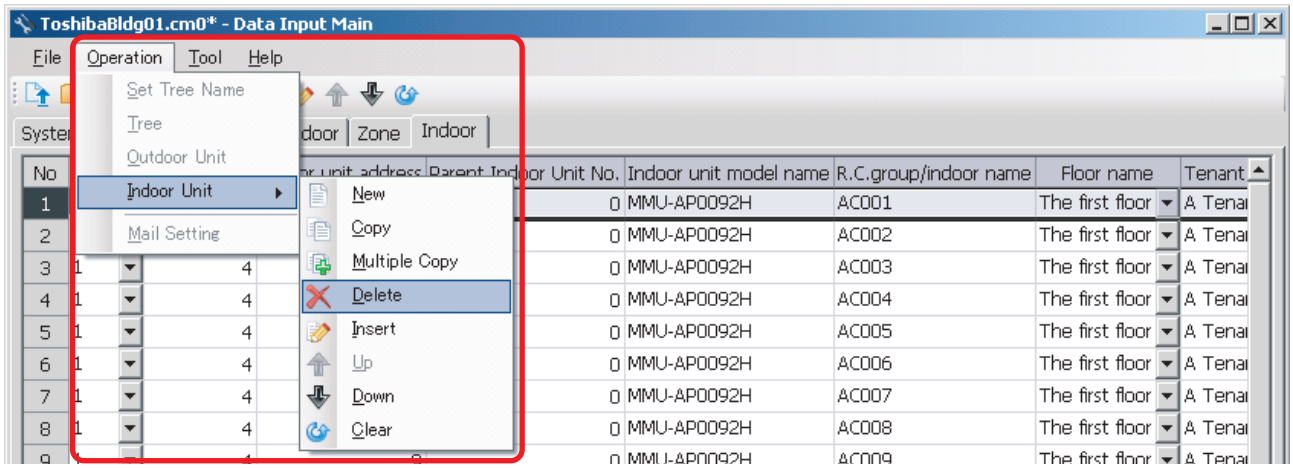


Fig.77 [Indoor] tab (Delete menu)

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.

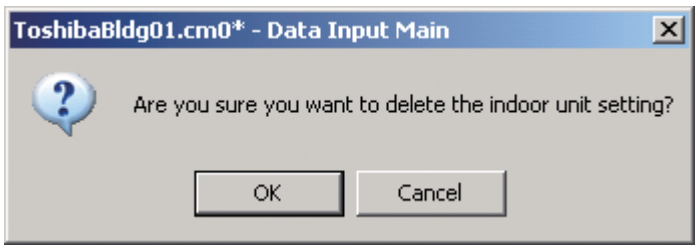


Fig.78 Deletion confirmation dialog box

■ 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.

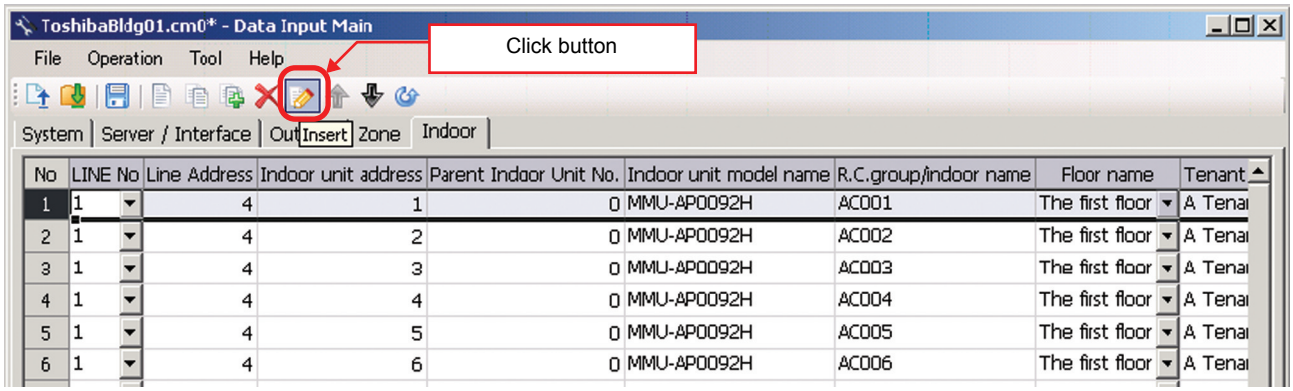


Fig.79 [Indoor] tab (Insert button)

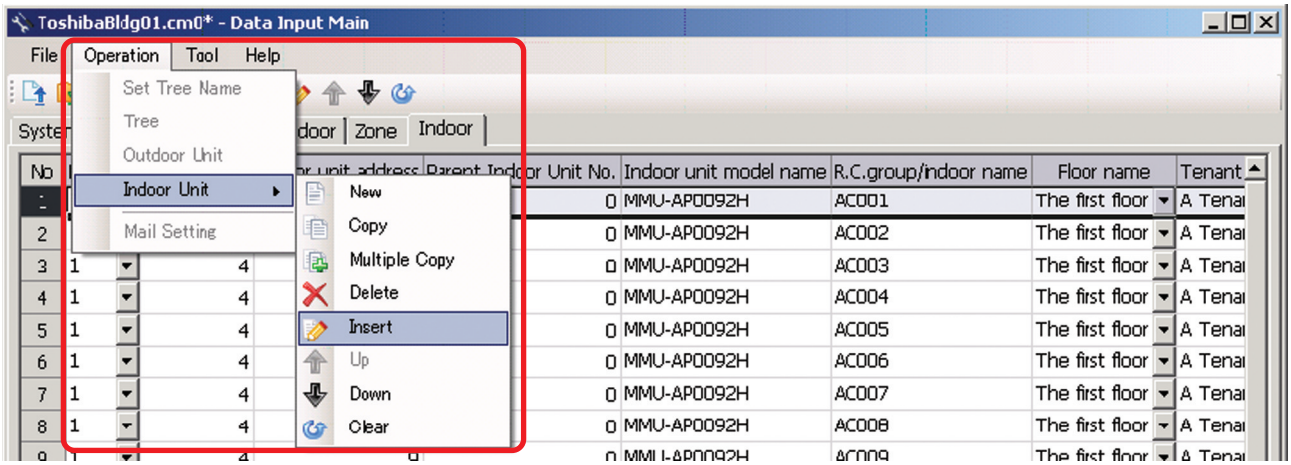


Fig.80 [Indoor] tab (Insert menu)

EN

■ 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.

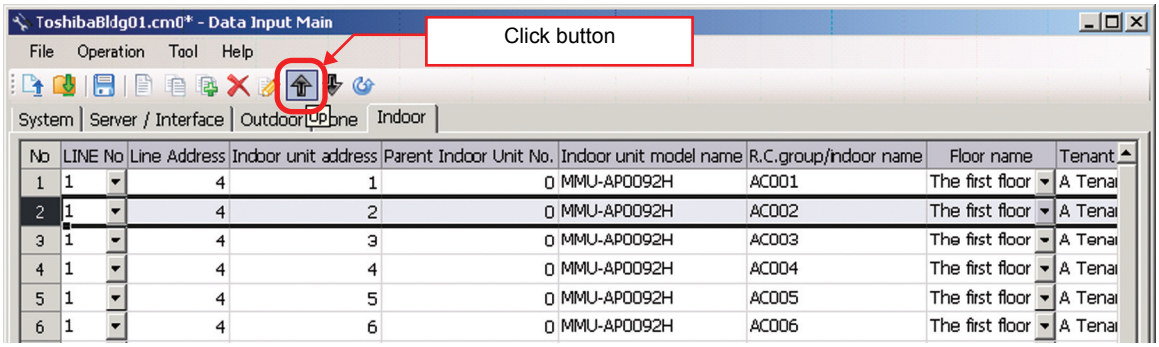


Fig.81 [Indoor Unit] tab (Up button)

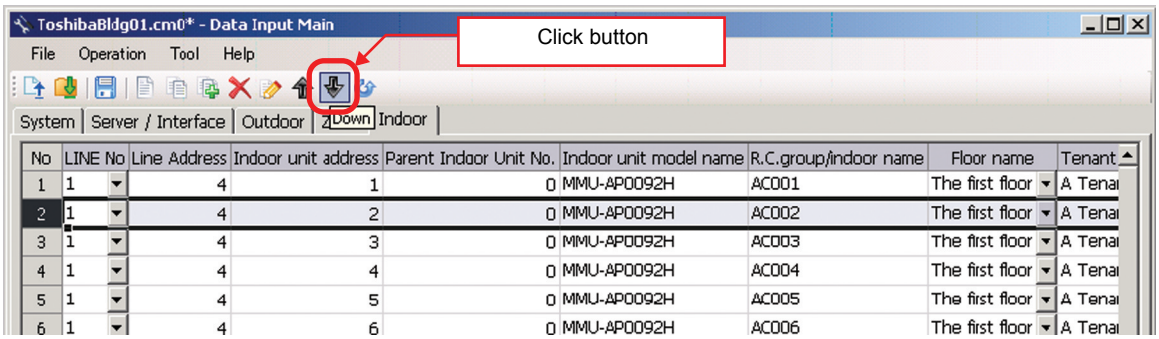


Fig.81-2 [Indoor Unit] tab (Down button)

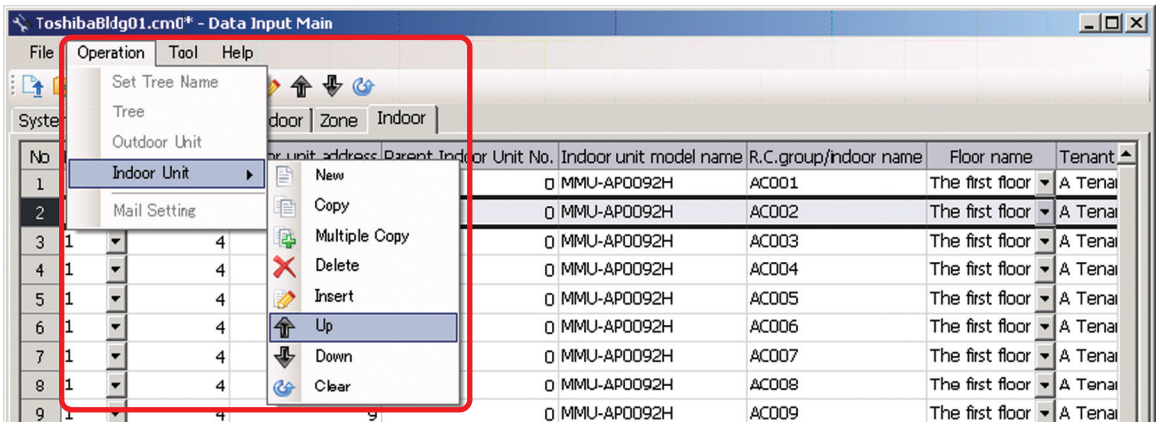


Fig.82 [Indoor Unit] tab (Up menu)

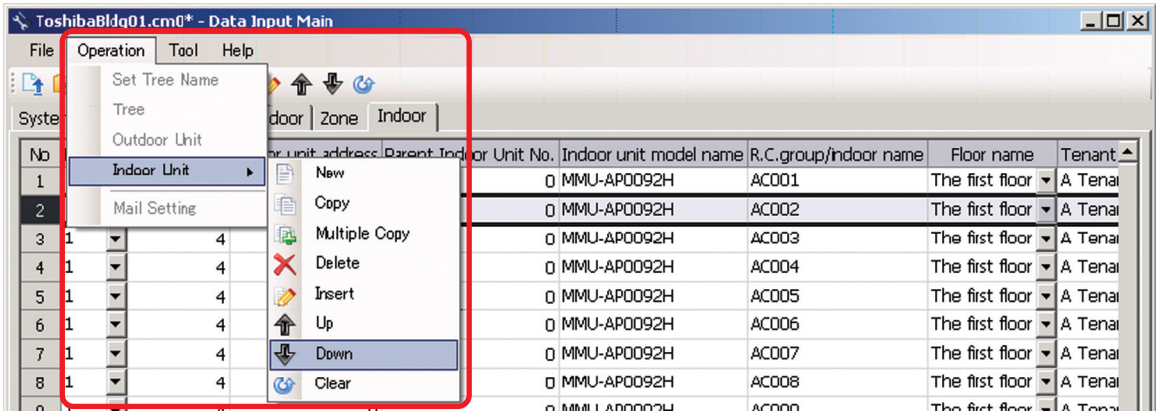


Fig.82-2 [Indoor Unit] tab (Down menu)

■ 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.

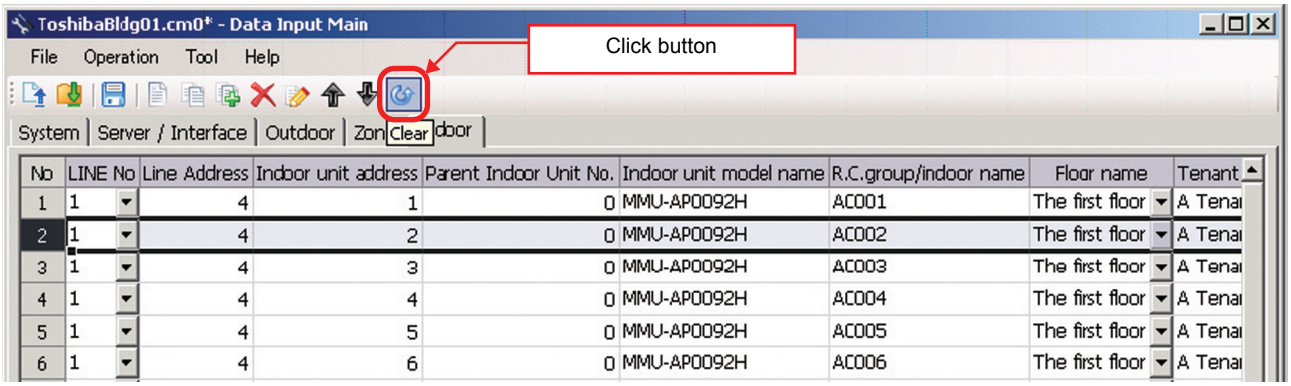


Fig.83 [Indoor Unit] tab (Clear button)

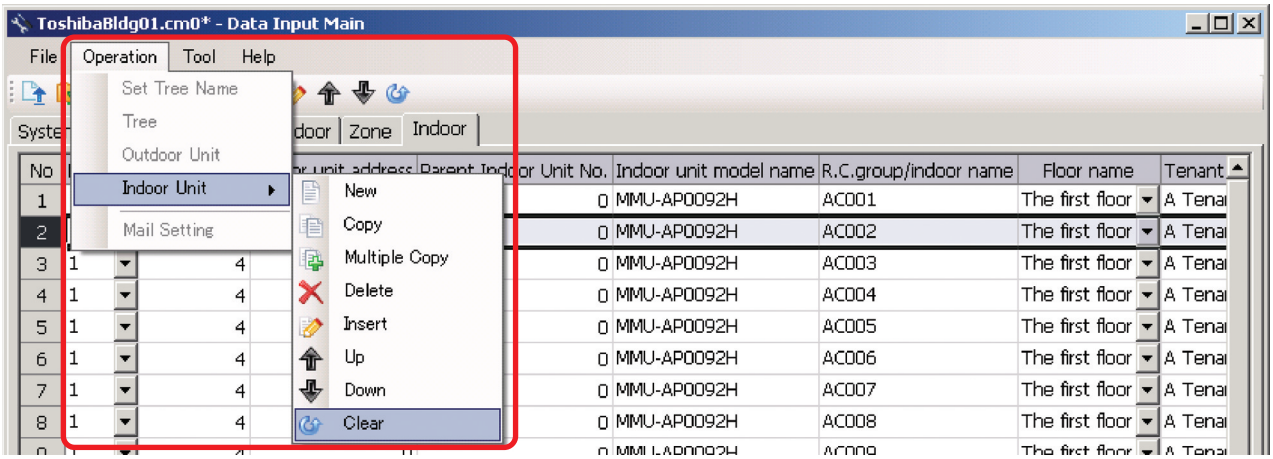
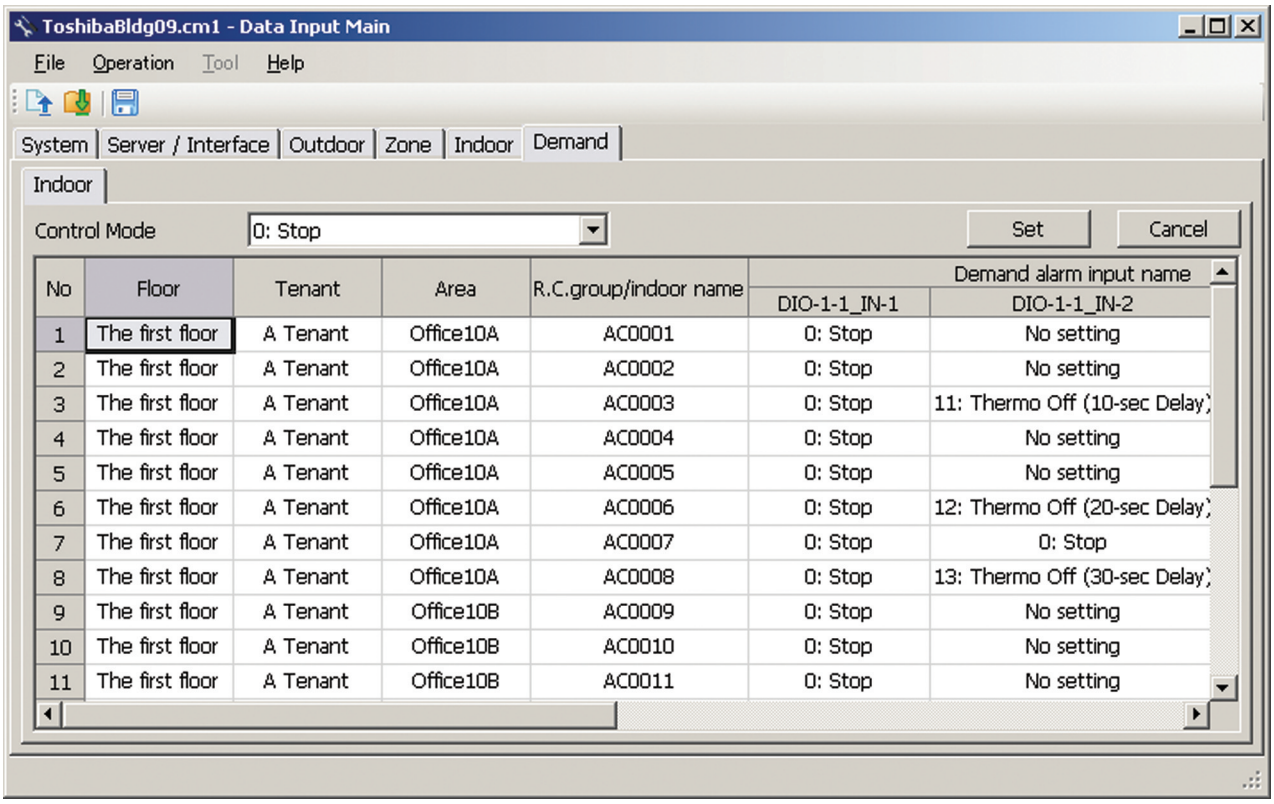


Fig.84 [Indoor Unit] tab (Clear menu)

EN

■ Setting Up the Demand Alarm

Select the [Demand] tab, select a demand device, and set up the demand alarm.
The Compliant Manager setting cannot be changed.



No	Floor	Tenant	Area	R.C.group/indoor name	Demand alarm input name	
					DIO-1-1_IN-1	DIO-1-1_IN-2
1	The first floor	A Tenant	Office10A	AC0001	0: Stop	No setting
2	The first floor	A Tenant	Office10A	AC0002	0: Stop	No setting
3	The first floor	A Tenant	Office10A	AC0003	0: Stop	11: Thermo Off (10-sec Delay)
4	The first floor	A Tenant	Office10A	AC0004	0: Stop	No setting
5	The first floor	A Tenant	Office10A	AC0005	0: Stop	No setting
6	The first floor	A Tenant	Office10A	AC0006	0: Stop	12: Thermo Off (20-sec Delay)
7	The first floor	A Tenant	Office10A	AC0007	0: Stop	0: Stop
8	The first floor	A Tenant	Office10A	AC0008	0: Stop	13: Thermo Off (30-sec Delay)
9	The first floor	A Tenant	Office10B	AC0009	0: Stop	No setting
10	The first floor	A Tenant	Office10B	AC0010	0: Stop	No setting
11	The first floor	A Tenant	Office10B	AC0011	0: Stop	No setting

Fig.85 [Demand] tab (Indoor)

■ Setting / Canceling the Demand Alarm Input

The information of the indoor units appears in the Demand list. Select an control mode of the demand alarm from the combo box.

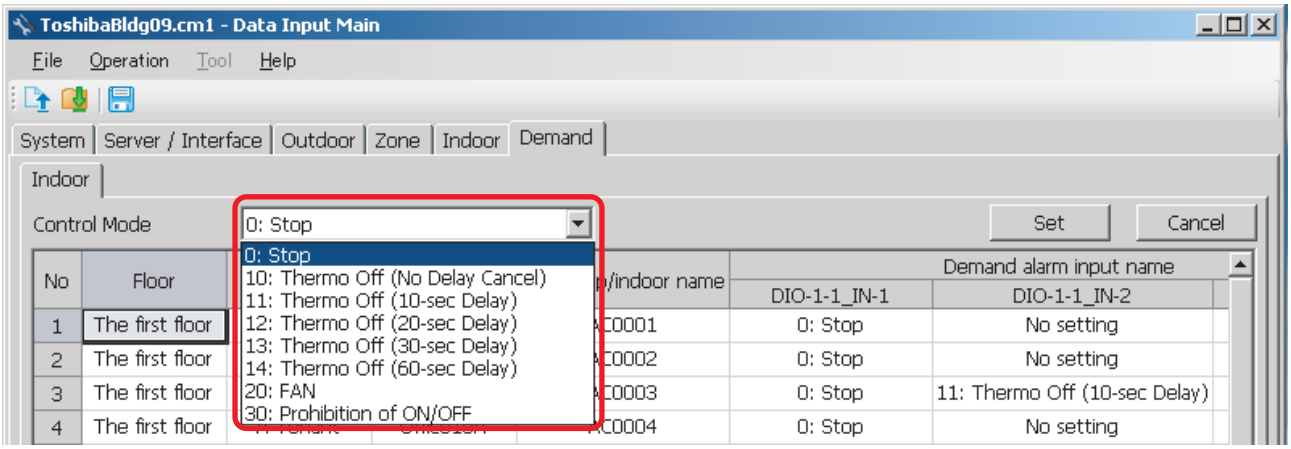


Fig.86 [Demand] tab (Control Mode selection)

Select one or more demand alarm input names.

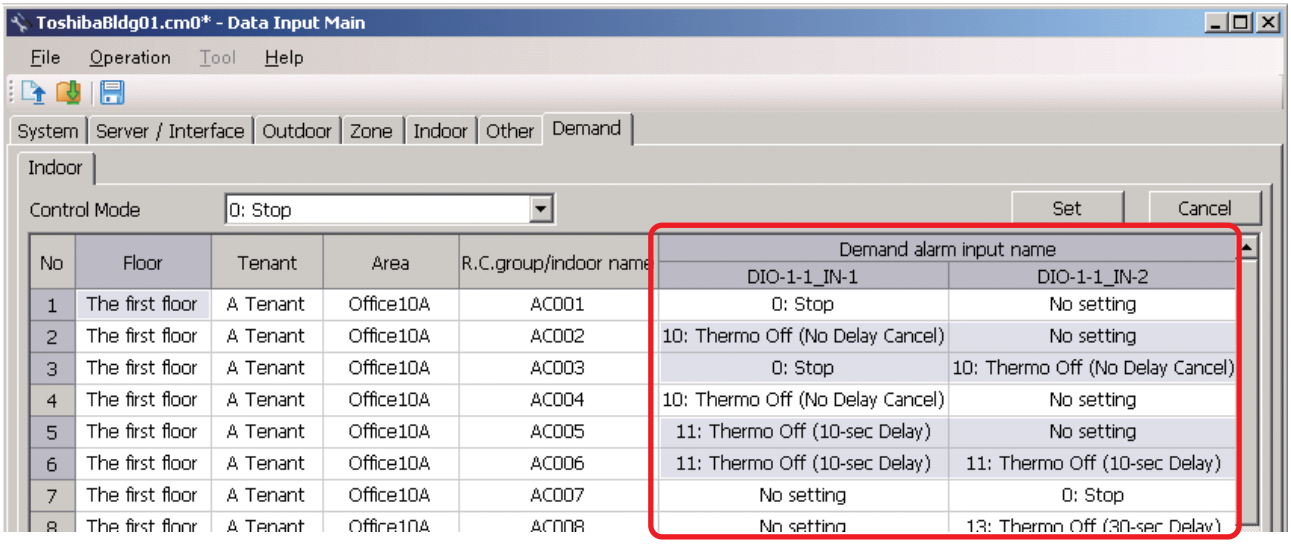


Fig.87 [Demand] tab (Demand Alarm input name selection)

EN

Clicking the [Set] button sets the selected demand alarm names to the selected input mode.

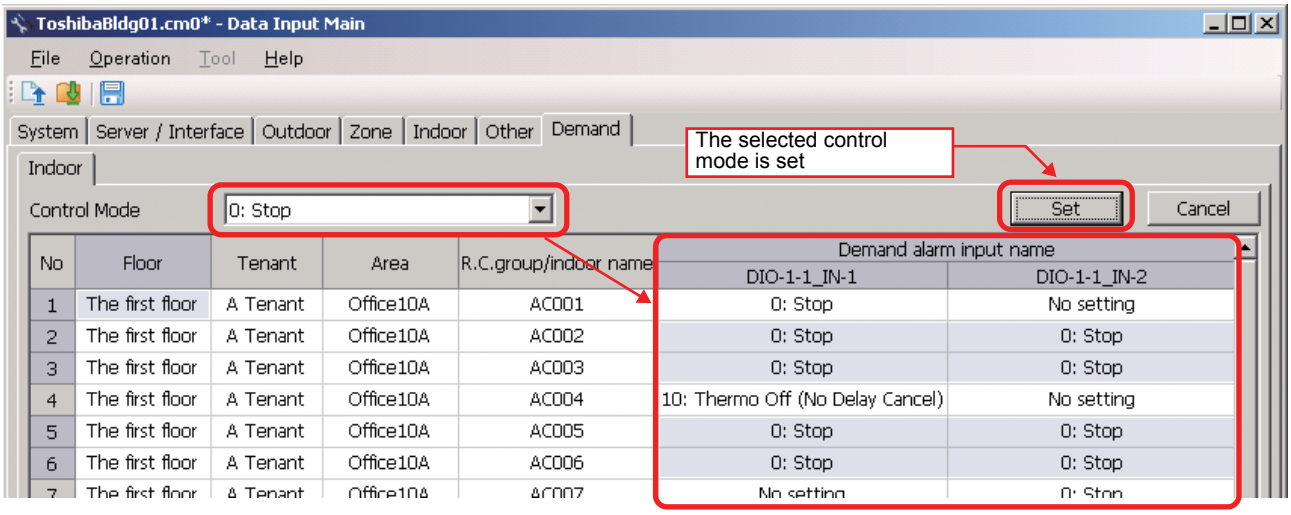


Fig.88 [Demand] tab (Set)

Clicking the [Cancel] button sets the selected demand alarm names to "No setting."

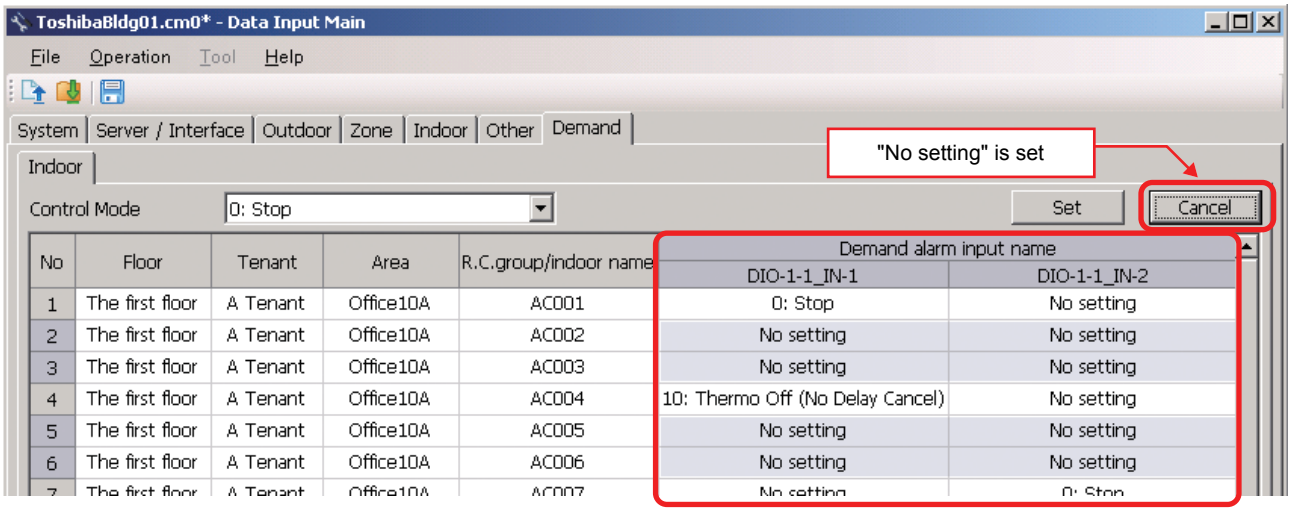


Fig.89 [Demand] tab (Cancel)

■ Saving Created Data to a File

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

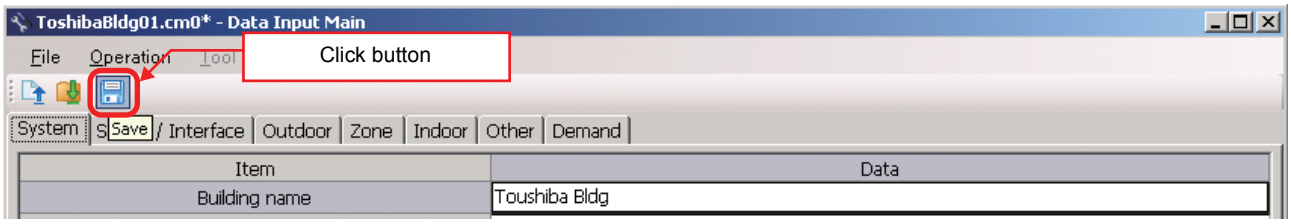


Fig.90 [Save] button

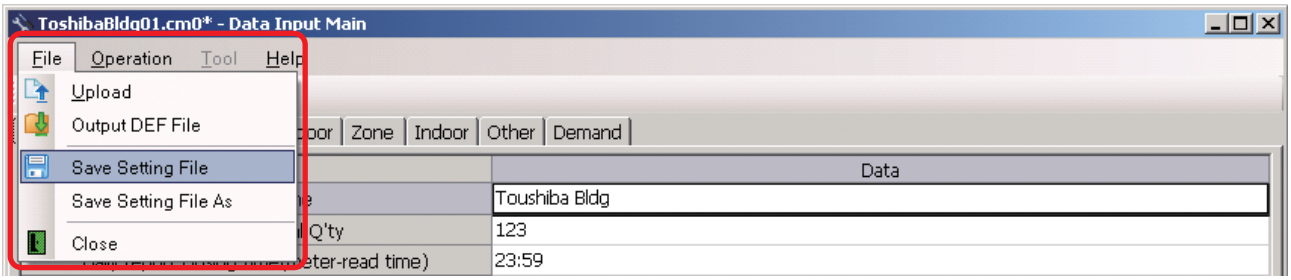


Fig.91 [Save Setting File] menu

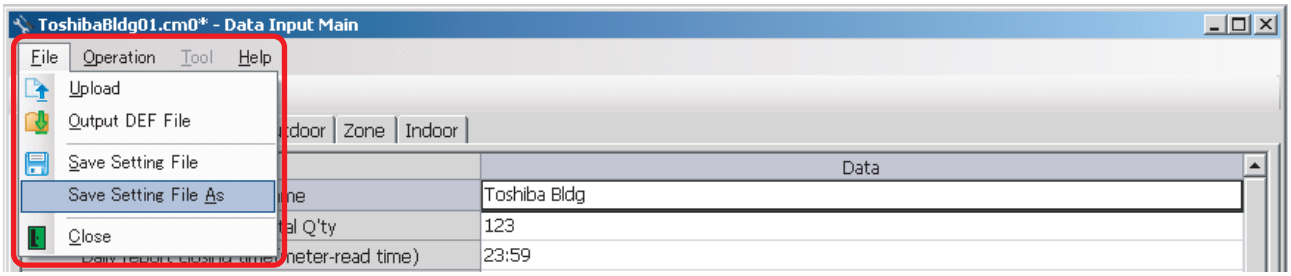


Fig.92 [Save Setting File As] menu

EN

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.

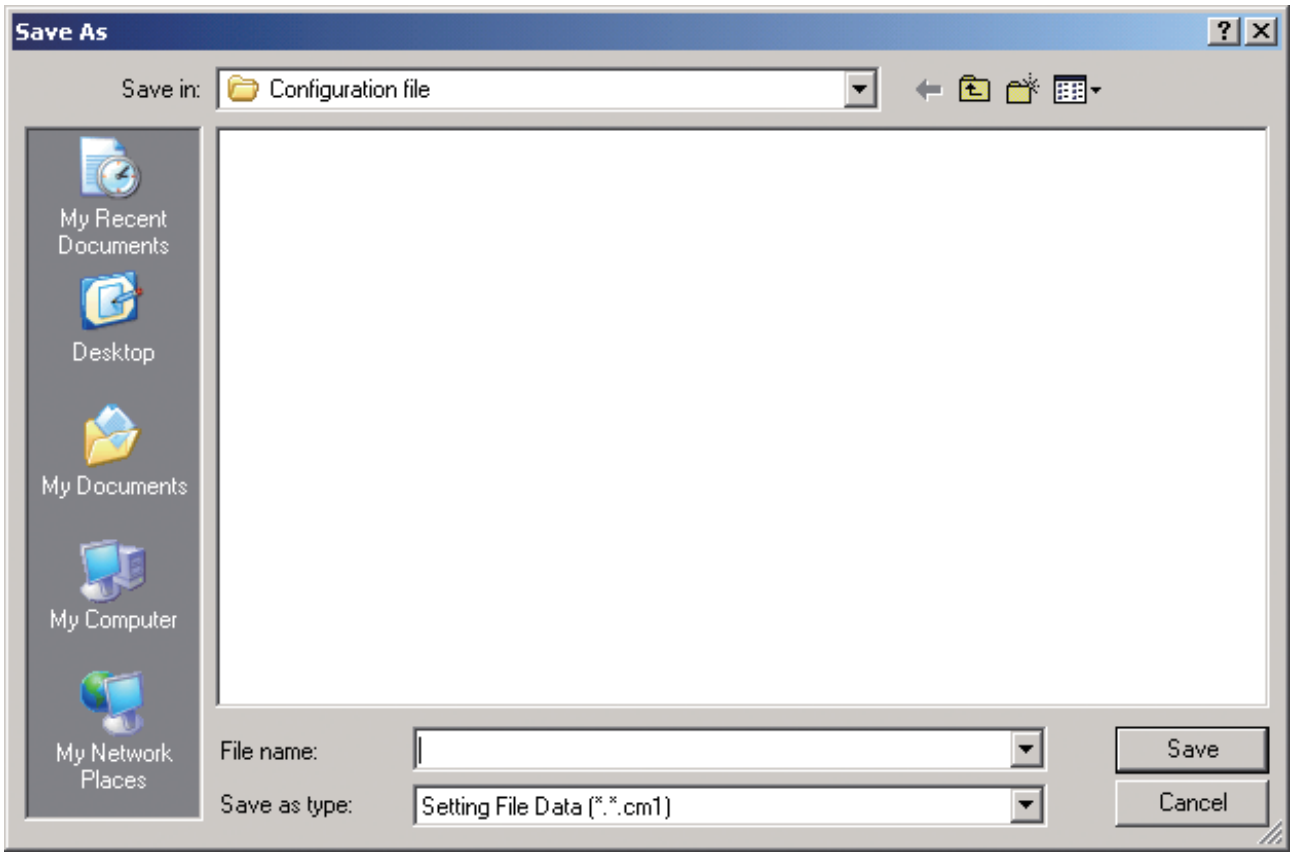


Fig.93 [Save As] screen

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.

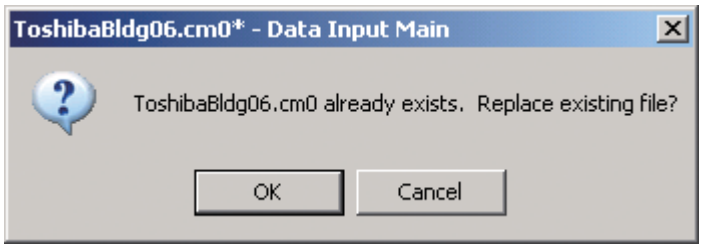


Fig.94 Overwrite confirmation dialog box

■ Outputting a DEF File

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

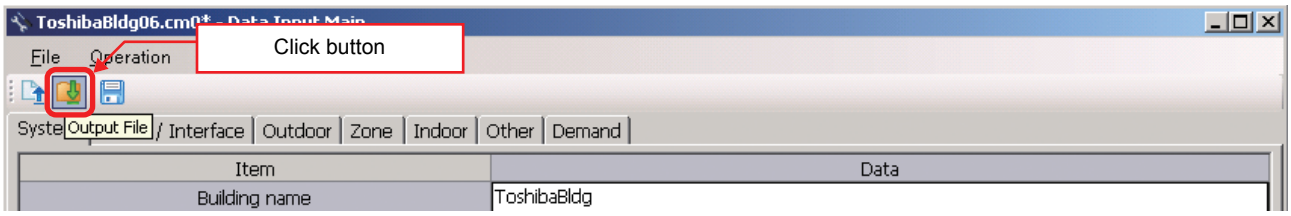


Fig.95 [Output File] button

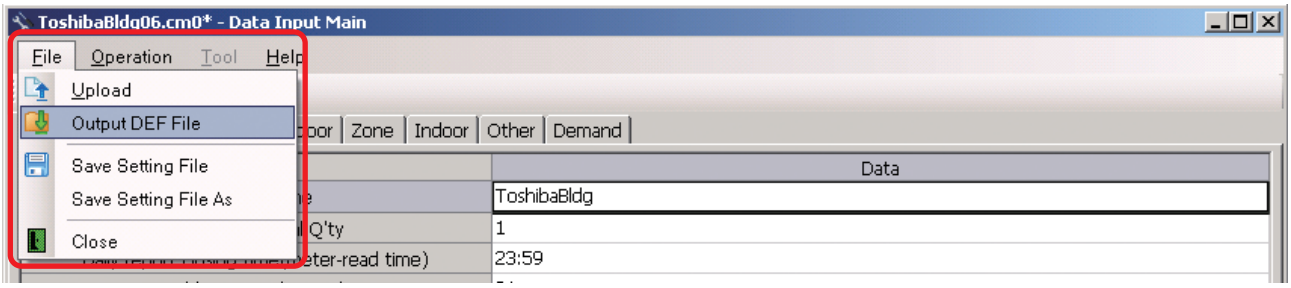


Fig.96 [Output DEF File] menu

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.

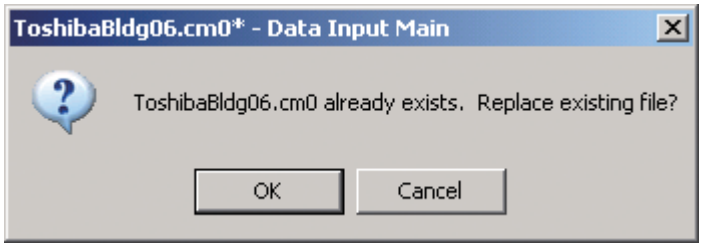


Fig.97 Overwrite confirmation dialog box

EN

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

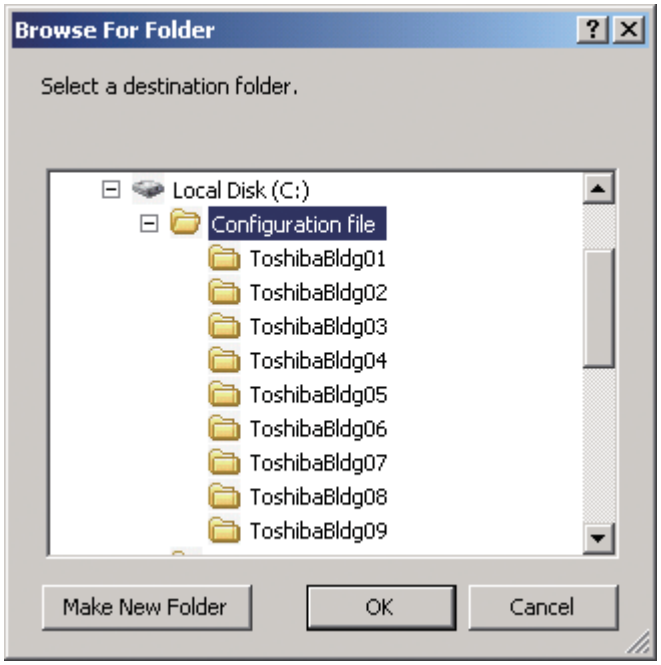


Fig.98 [Browse For Folder] screen

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.99 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.

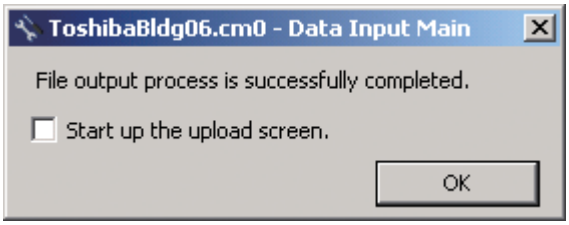


Fig.100 DEF file output complete dialog box

Deleting a File History

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

- Delete Selected History
- Delete All

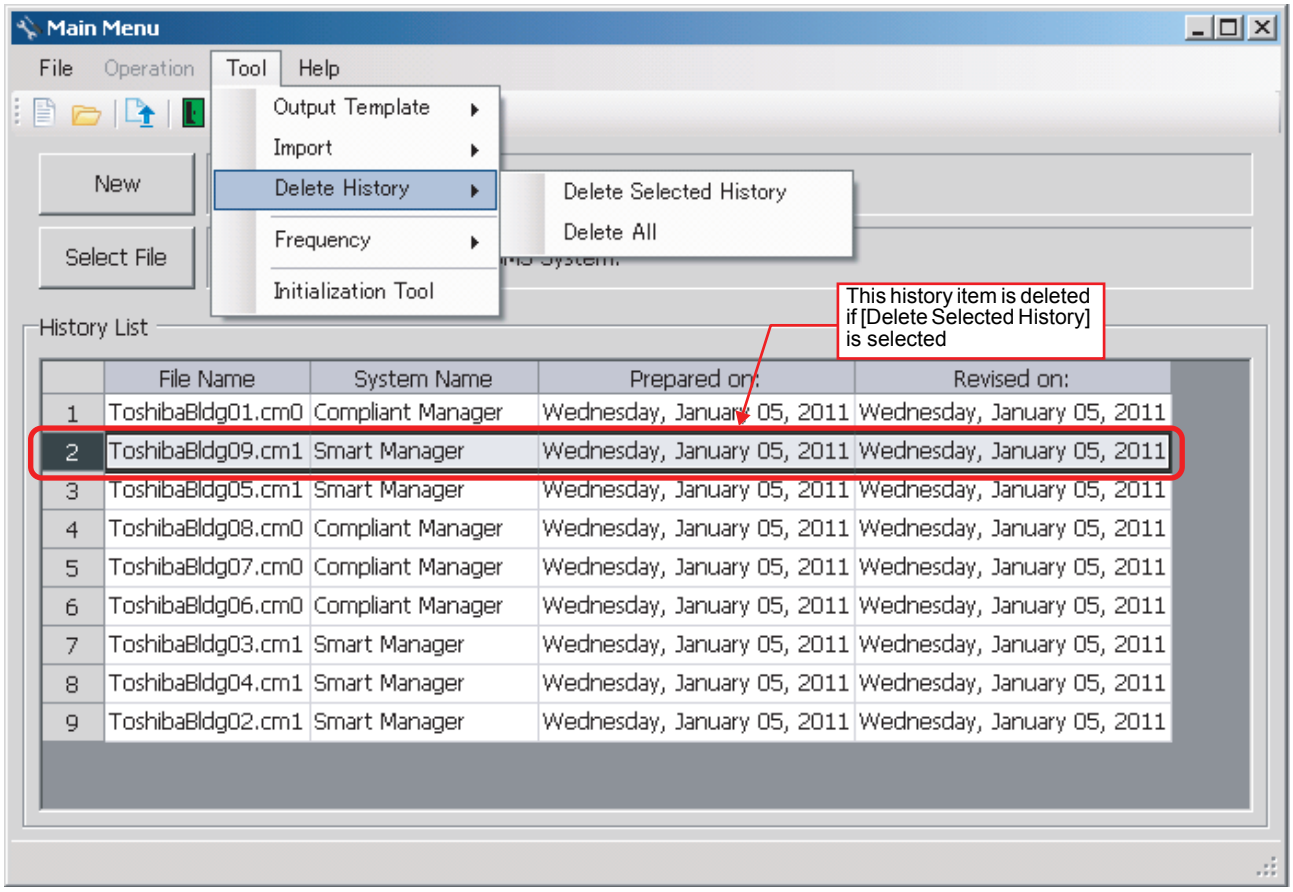


Fig.101 [Main Menu] screen (Delete History)

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.

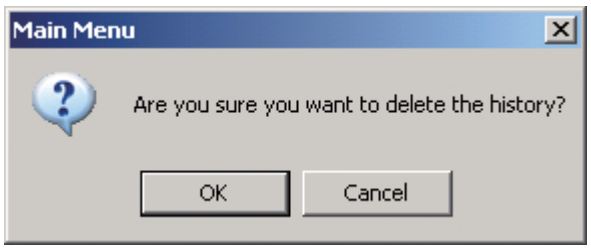


Fig.102 Deletion confirmation dialog box

EN

■ Uploading a Setting File (DEF File)

Uploading a Setting File (DEF File)

Click the [Upload] button or select the [File] menu then [Upload] on the [Main Menu] screen (Fig.2) or [Data Input Main] screen (Fig.4). The Upload Settings screen (Fig.14) appears.

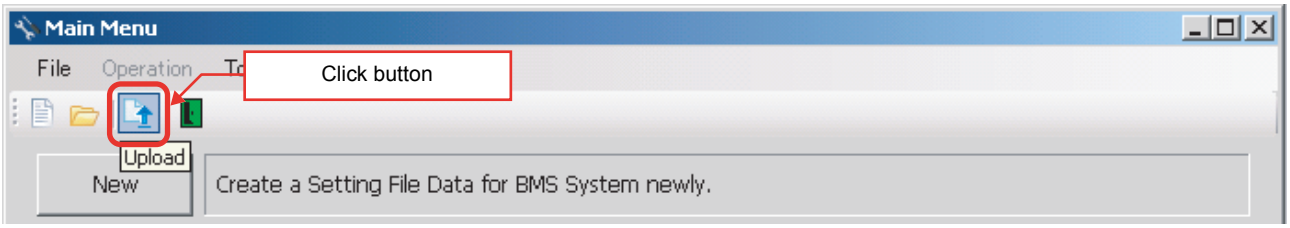


Fig.103 [Main Menu] screen (Upload button)

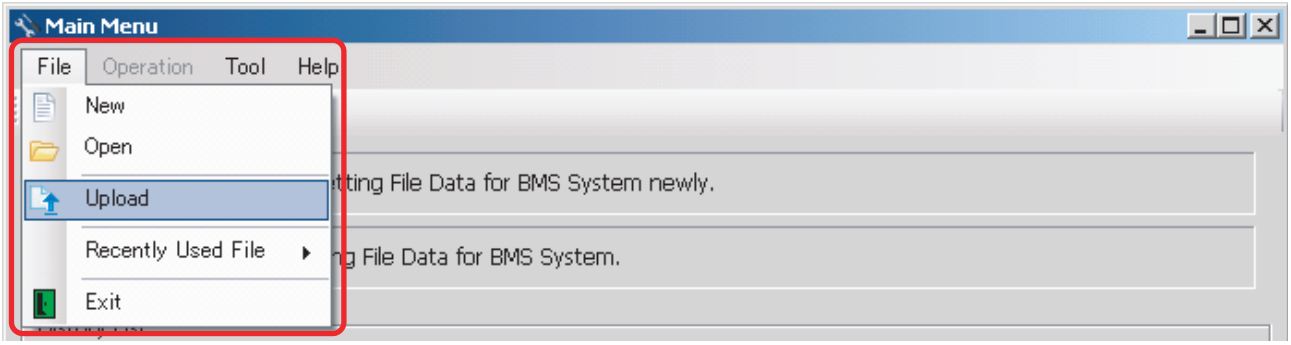


Fig.104 [Main Menu] screen (Upload menu)

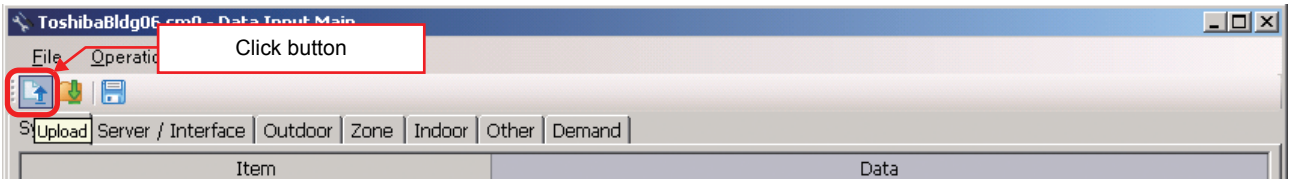


Fig.105 [Data Input Main] screen (Upload button)

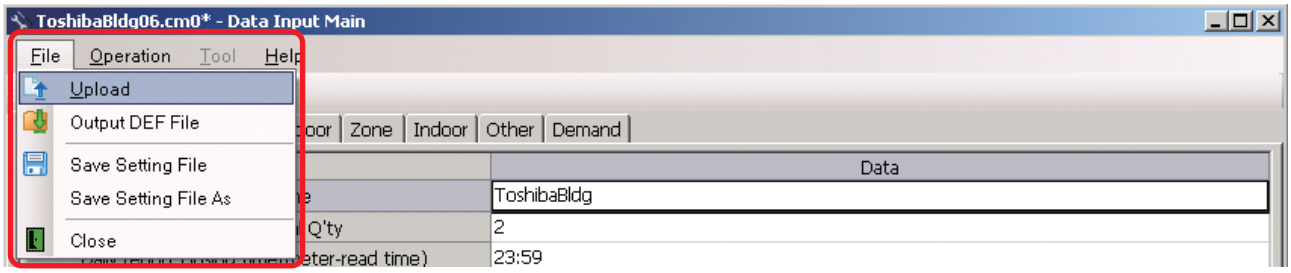


Fig.106 [Data Input Main] screen (Upload menu)

Specifying Setting File Data

Specify the setting file data to upload.

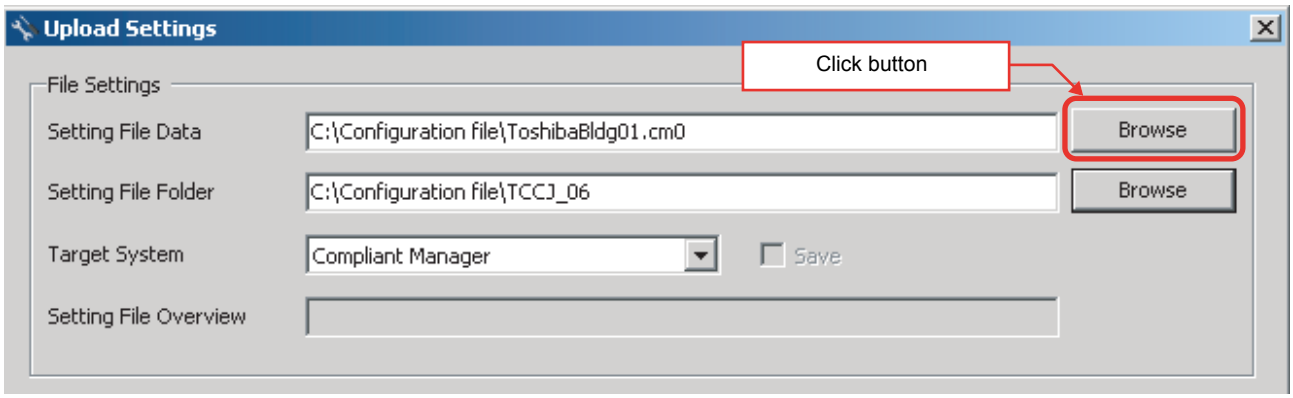


Fig.107 [Upload Settings] screen (Specify file directly)

Select a file on the Open screen.

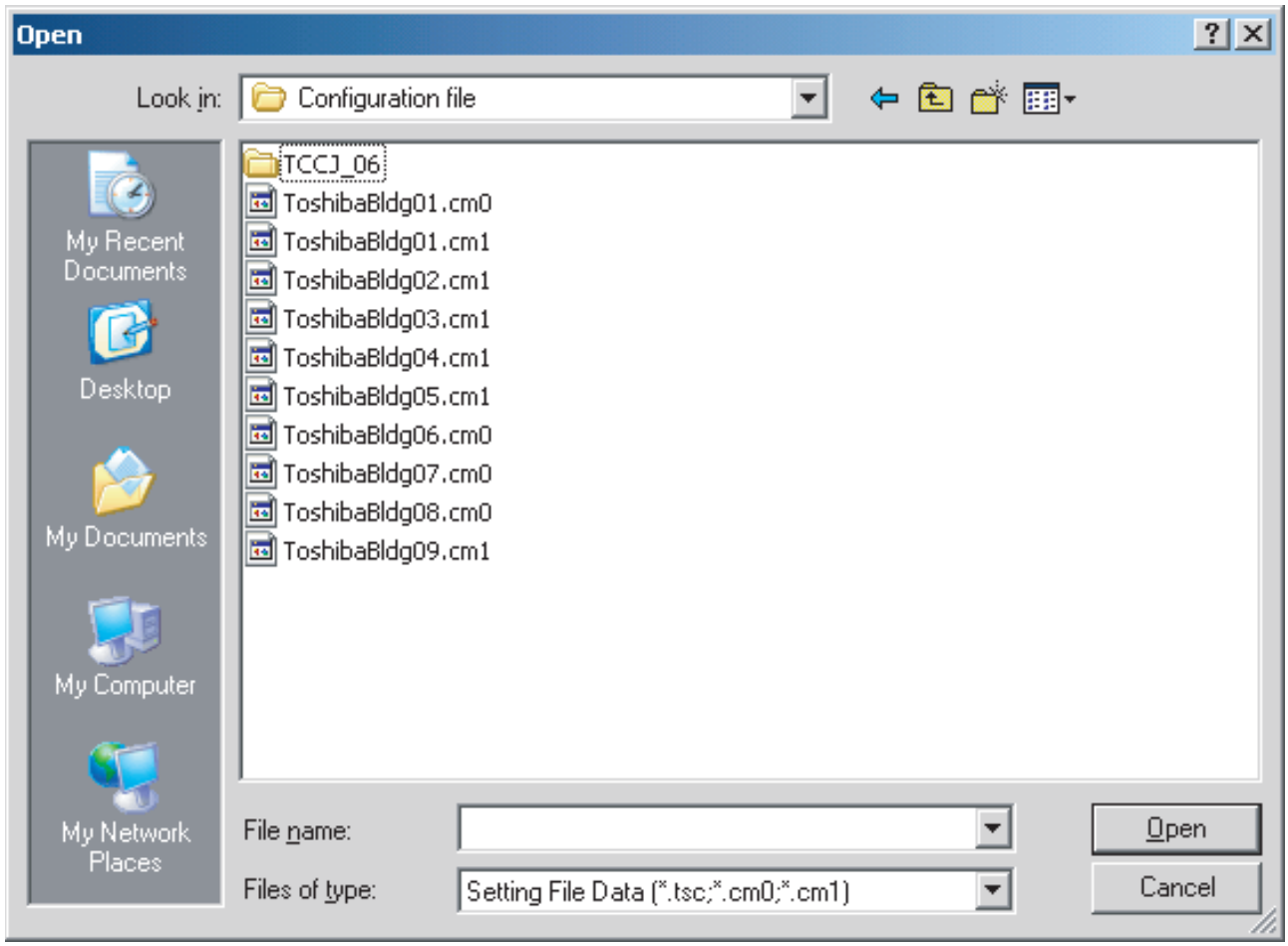


Fig.108 [Open] screen

EN

Specifying a Setting File Folder

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

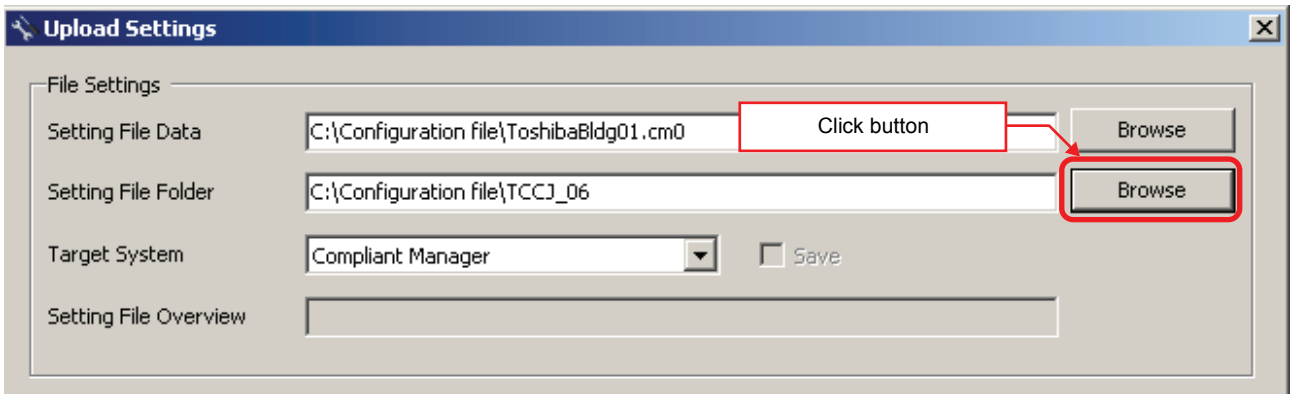


Fig.109 [Upload Settings] screen (Specify folder directly)

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

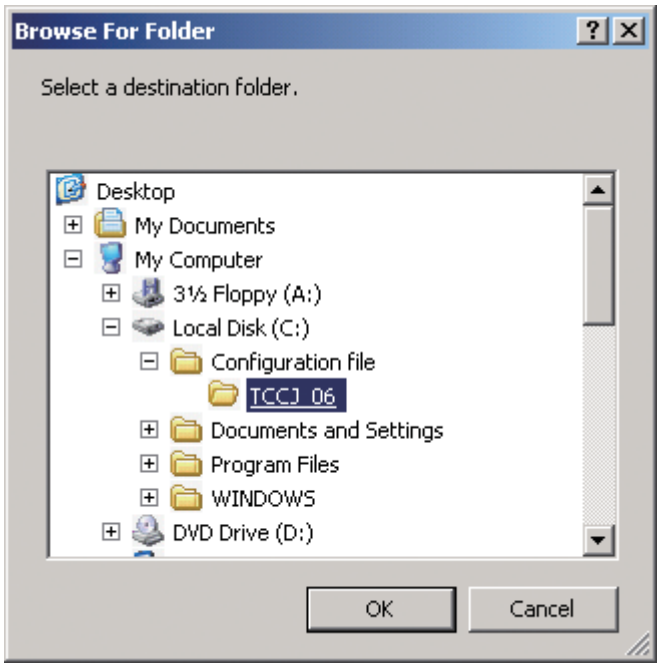


Fig.110 [Browse For Folder] screen

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.

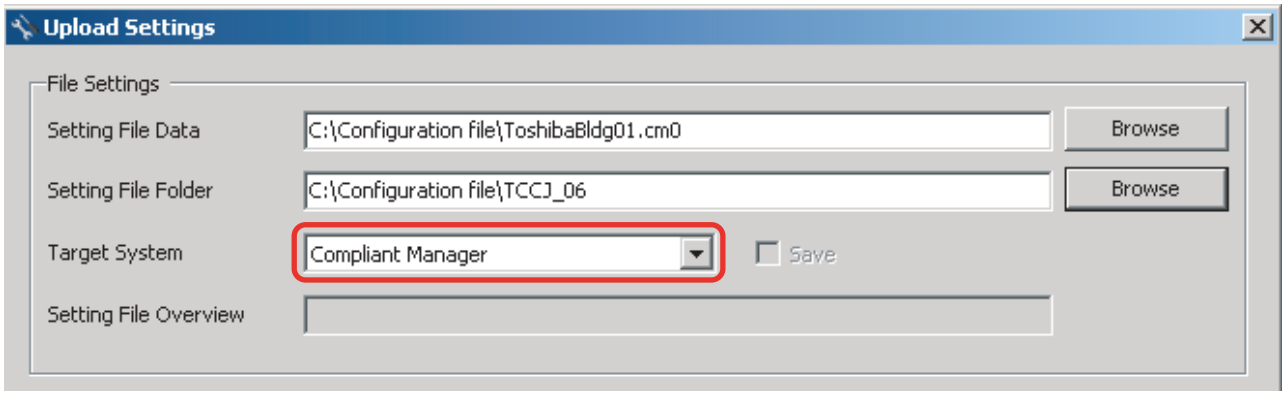


Fig.111 [Upload Settings] screen (Target System)

Specifying an IP Address

Specify the IP address of the destination system.
When setting file data is specified, the address automatically appears.

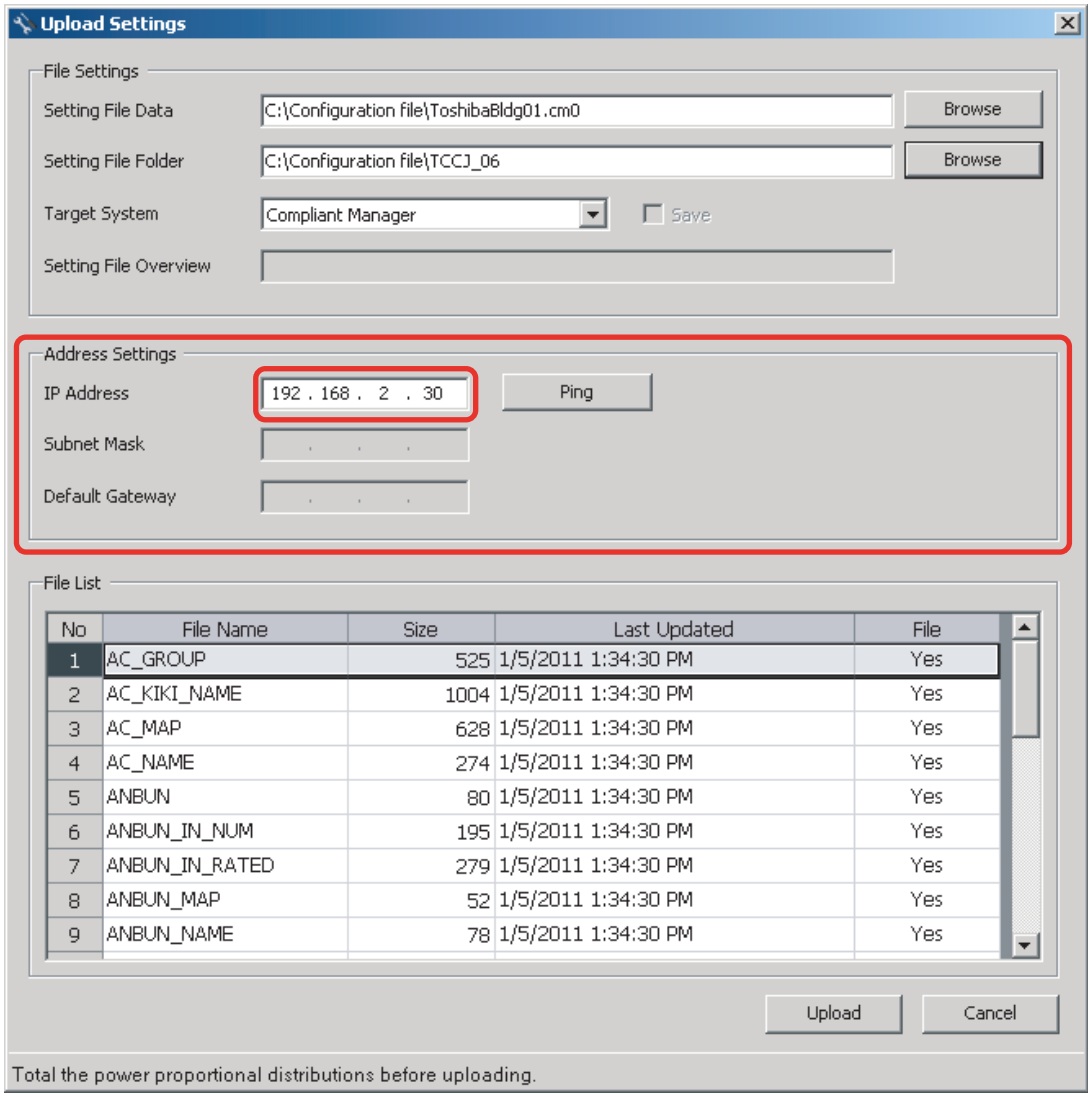


Fig.112 [Upload Settings] screen (IP Address)

EN

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.

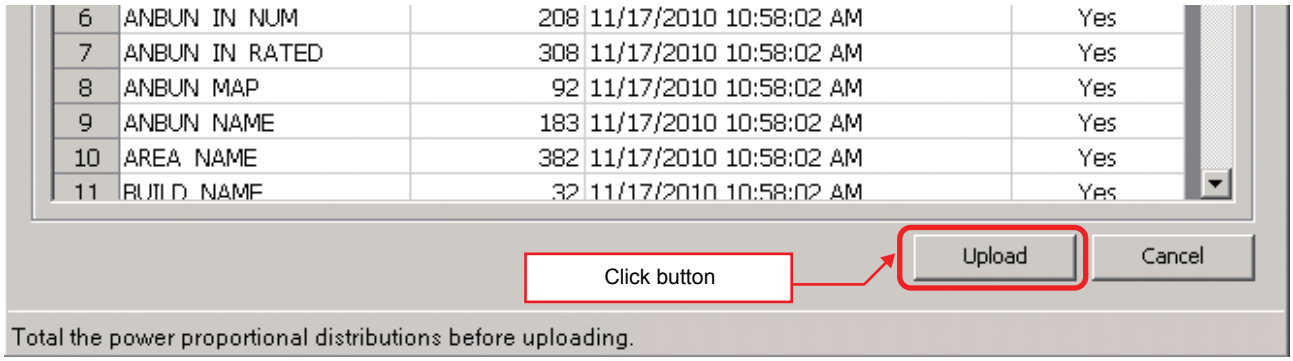


Fig.113 [Upload Settings] screen (Upload button)

The progress bar is displayed during the upload.

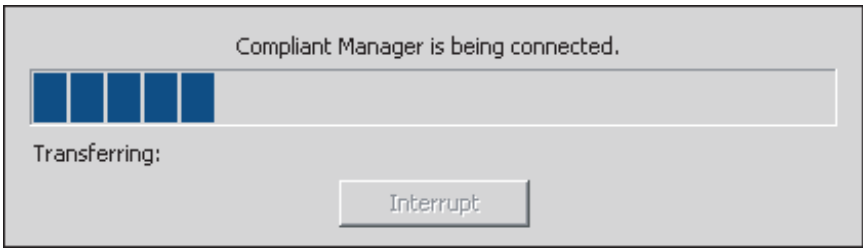


Fig.114 Progress bar

⚠ CAUTION

If Compliant Manager, Smart Manager or Touch Screen Controller is shut down during upload, stored data may be damaged and the controller may not operate.
Do not shut down the controller during upload.

■ System Settings

System Tab

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

Compliant Manager, Smart Manager

Item	Content	Data type / range
Building name	Building name	Characters (Up to 20 bytes, Forbidden: > < " & \n ; ,)
Built-in controller fire alarm channel	Built-in controller fire alarm channel is used	(Smart Manager only) 0: N/A 1: Valid
Indoor unit total Q'ty	Number of indoor units	1 - 128
Daily report closing time	Time when the daily report is output	0:00 – 23:59
Monthly report closing date	Date when the monthly report is output	1 - 31
Lock Linkage Mode	Lock linkage mode pattern	0: Setting No.0 1: Setting No.1 2: Setting No.2 3: Setting No.3
Energy Monitoring	Whether the energy monitoring is used	0: void 1: Valid (Distribution by capacity demand)
Stand-by power counting	Select the distribution mode of outdoor heater capacity	1: Proportional sharing on indoor unit horse power codes. 2: Equal sharing on indoor units Q'ty 3: Distribution of power consumption except compressor warmer to tenants.
Words in error code definition file (Compliant Manager only)	Language of error codes	1: English 2: Chinese (Simplified) 4: Deutsch 5: Espanol 6: Francais 7: Italiano
Words in error code definition file and zone name tags (Smart Manager only)	Language of error codes and zone name tags	1: English 2: Chinese (Simplified) 4: Deutsch 5: Espanol 6: Francais 7: Italiano 8: Korean
Date display format (Smart Manager only)	Display format of year / month / day	1: yyyy/mm/dd 2: dd/mm/yyyy 3: mm/dd/yyyy 4: yyyy.mm.dd 5: dd.mm.yyyy 6: mm.dd.yyyy 7: yyyy-mm-dd 8: dd-mm-yyyy 9: mm-dd-yyyy
Starting day of the week (Smart Manager only)	Starting day of the week	1: Sunday 2: Monday
Temperature display: Interval	Unit of temperature interval	0: Unit 1°C. 1: Unit 0.5°C.
Temperature display: °C./°F.	Celsius / Fahrenheit	0: °C. 1: °F.
Support Information	Support information	Characters (Up to 38 bytes per line)

⚠ CAUTION

Fire alarm function that described in this manual can not be used with UL-approved system (Model: BMS-SM1281HTLUL).

EN

The following table shows the operations of Lock Linkage Mode:

Setting	Lock (OFF > ON)	Unlock (ON > OFF)
0: Setting No.0	Stop	No effect
1: Setting No.1	Stop	Release "Run – Stop" switch prohibition
2: Setting No.2	Stop + Prohibit "Run – Stop" switch	Release "Run – Stop" switch prohibition
3: Setting No.3	Stop	Run

Server Setting Tab

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

Compliant Manager, Smart Manager

Item	Content	Data type / range
IP Address	IP address of the Web server	Numeric value
Subnet Mask	Subnet mask of the Web server	Numeric value
Default Gateway	Gateway of the Web server	Numeric value
Digital I/O Relay Interface Q'ty	Number of digital I/O interfaces	0 - 4
Energy Monitoring Relay Interface Q'ty	Number of energy monitoring interfaces	0 - 4

Interface Address Tab

The following table shows the settings configured on the Interface Address tab:

Compliant Manager, Smart Manager

Item	Content	Data type / range
Energy Monitoring Relay Interface		
Address Data	Interface number	1 - 4
Digital I/O Relay Interface		
Address Data	Interface number	1 - 4

Interface Setting Tab

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

Compliant Manager, Smart Manager

Item	Content	Data type / range
Energy Monitoring Relay Interface		
I/O Function	Select the I/O function	0 : No setting 4 : Power Meter Signal Input
Pulse constants (kWh / pulse)	Set the pulse constants	0.1 – 99.9
Digital I/O Relay Interface		
I/O Function (Smart Manager only)	Select the I/O function	0 : No setting 1 : Fire Alarm Input 2 : Door Lock Input 5 : Demand
Signal logic	Select the signal logic	0 : negative logic 1 : positive logic

Outdoor Tab

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

Compliant Manager, Smart Manager

Item	Content	Data type / range
LINE No	Select the line No. address	1 - 2
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	Characters
Outdoor unit address	Unit number	
Power meter input name	Select the input name for energy monitoring	No setting WHE-1-1_1 - WHE-1-4_8

⚠ CAUTION

Fire alarm function that described in this manual can not be used with UL-approved system (Model: BMS-SM1281HTLUL).

EN

Zone Tab

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

Compliant Manager, Smart Manager

Item	Content	Data type / range
Name	Zone name	Characters (Up to 20 bytes for Floor / Area, Up to 40 bytes for Tenant, Up to 100 bytes for Monthly report tenant Forbidden: > < " & \n ; ,)
Tally Classifications	Select the tally classification	0: N/A 1: Common use area 2: Tenant Monthly report tenant only
Monthly report tenant name	Select the monthly report tenant name	None Monthly report tenant name list Tenant only

Indoor Tab

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

Compliant Manager, Smart Manager

Item	Content	Data type / range
LINE No	Select the line No. address	1 - 2
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 – 128: Child
Indoor unit model name	Select from indoor unit models	
R.C.group / indoor name	Enter the line name	Characters (Up to 20 bytes, Forbidden: > < " & \n ; ,)
Floor name	Select the floor	No setting Floor name list
Tenant name	Select the tenant	No setting Tenant name list
Area name	Select the area	No setting Area name list
Door-lock input name	Select the input name for lock linkage	No setting DIO-1-1_IN-1 - DIO-1-4_IN-8
Fire alarm input name	Select the input name for fire alarm linkage	No setting DIO-1-1_IN-1 - DIO-1-4_IN-8
Power meter input name	Select the input name for energy monitoring	No setting WHE-1-1_1 - WHE-1-4_8
General purpose interface Energy Coefficient (kWh)	General purpose Interface energy coefficient	Can be entered
Air Conditioner No.	Air-conditioner number	1 - 128

⚠ CAUTION

Fire alarm function that described in this manual can not be used with UL-approved system (Model: BMS-SM1281HTLUL).

Demand Tab

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

Smart Manager

Item	Content	Data type / range
Indoor		
Control Mode	Indoor demand alarm setting	0: Stop 10: Thermo Off (No Delay Cancel) 11: Thermo Off (10-sec Delay) 12: Thermo Off (20-sec Delay) 13: Thermo Off (30-sec Delay) 14: Thermo Off (60-sec Delay) 20: FAN 30: Prohibition of ON / OFF

Set tree count and name Screen

The following table shows the settings configured on the Set tree count and name screen:

Smart Manager

Item	Content	Data type / range
Zone 1 name	Zone name - Floor	Characters (Up to 30 bytes, Forbidden: > < " & \n ; ,)
Zone 2 name	Zone name - Tenant	Characters (Up to 30 bytes, Forbidden: > < " & \n ; ,)
Zone 3 name	Zone name - Area	Characters (Up to 30 bytes, Forbidden: > < " & \n ; ,)

7 Touch Screen Controller

■ Using the Setting File Creation Software for North America

Starting / Exiting the Setting File Creation Software for North America

Starting the Setting File Creation Software for North America

Use the desktop icon or Windows menu to start the Setting File Creation Software for North America.

1. Start the Setting File Creation Software for North America.

- Desktop icon
  Double-click the desktop icon.



Fig.115 Setting File Creation Software for North America desktop icon

- Windows menu
  Select [Start] > [All Programs] > [Toshiba] > [Setting File Creation Software for North America].

2. The startup screen appears.
The startup screen appears.

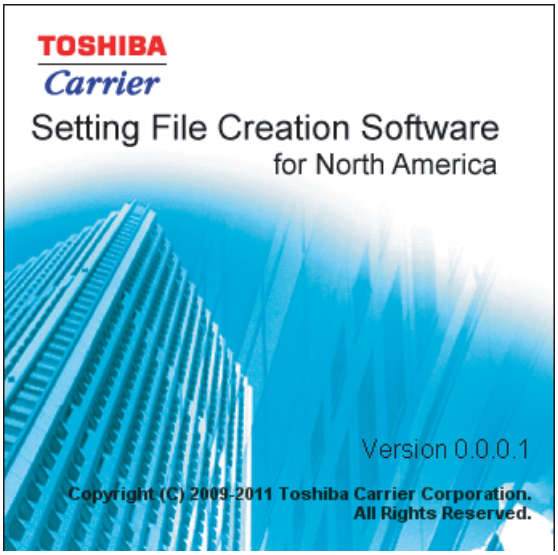


Fig.116 Startup screen

3. Data Download Software Startup Complete
The startup screen (Fig.116) disappears, and the Main Menu screen (Fig.2) appears. The Setting File Creation Software for North America startup is now complete, and the software can be operated.

Exiting the Setting File Creation Software for North America

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



Fig.117 [Main Menu] screen (Close button)

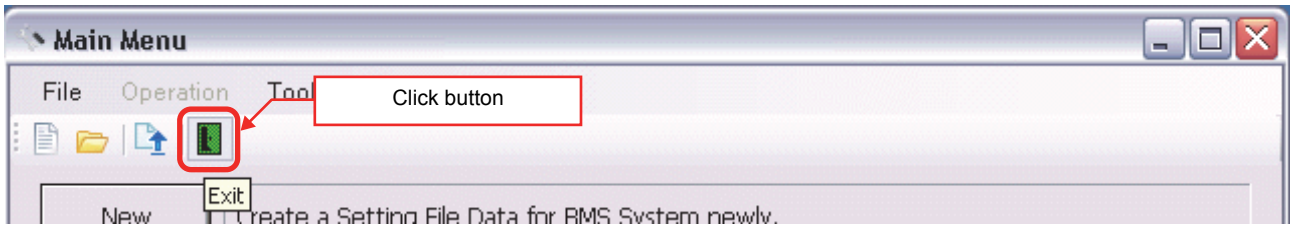


Fig.118 [Main Menu] screen (Exit button)

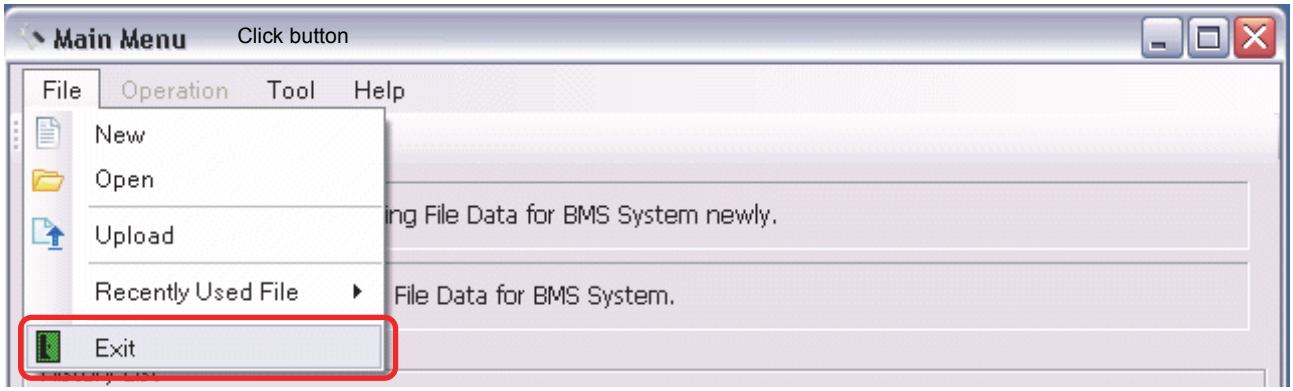


Fig.119 [Main Menu] screen (Exit menu)

The exit confirmation dialog box appears.
Click [Yes] to exit, or [No] to cancel exiting.

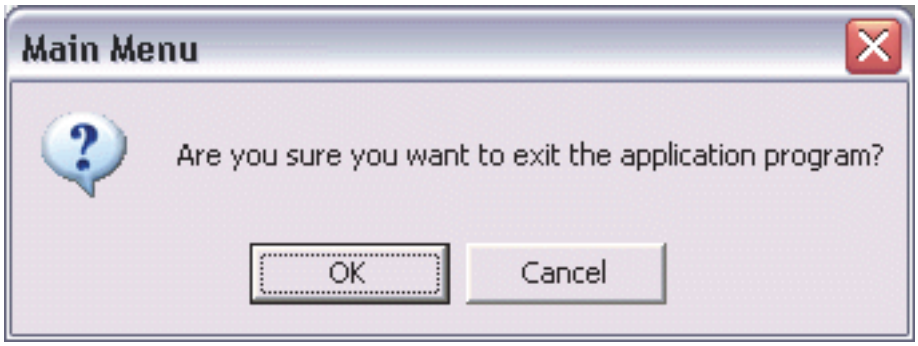


Fig.120 Exit confirmation dialog box

EN

Creating New Data

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

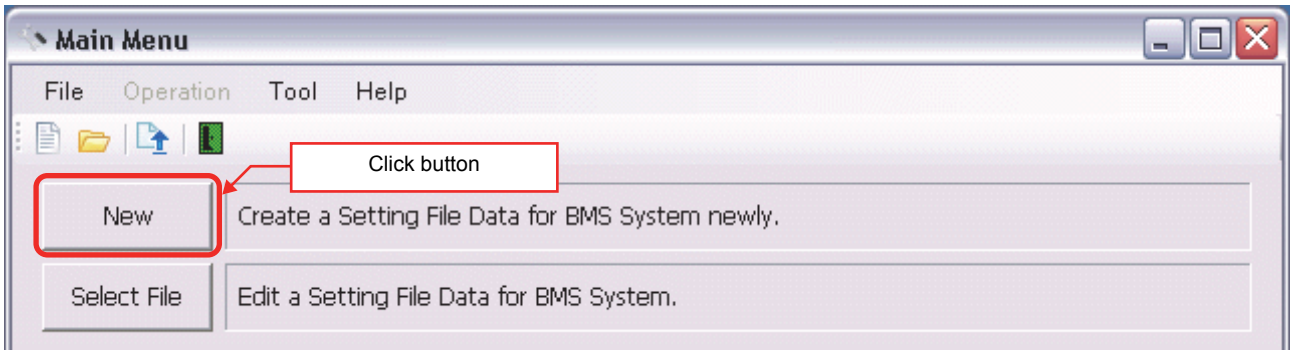


Fig.121 [Main Menu] screen (New button 1)

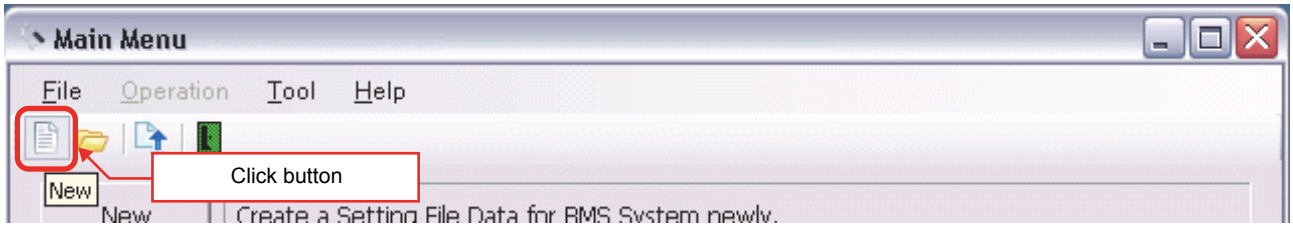


Fig.122 [Main Menu] screen (New button 2)

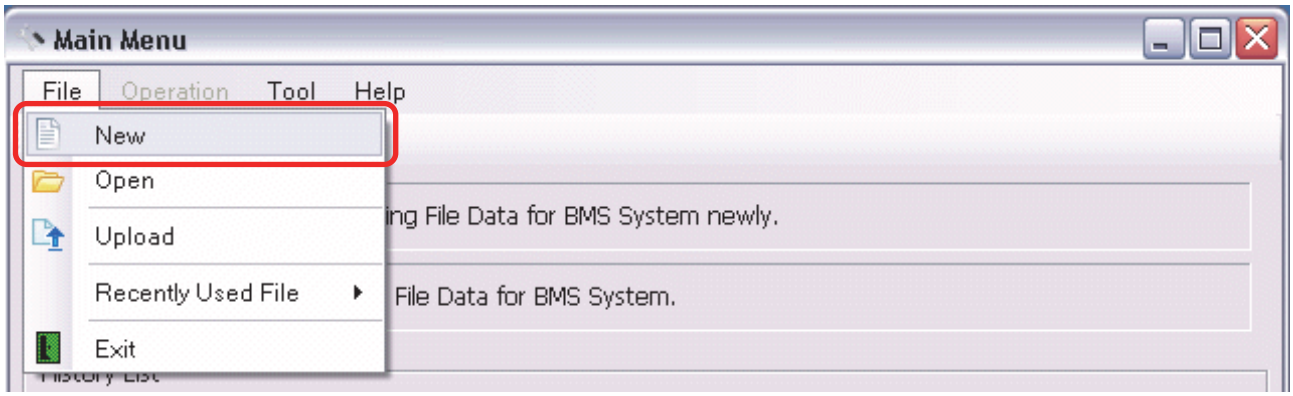


Fig.123 [Main Menu] screen (New menu)

Selecting a File to Edit Data

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

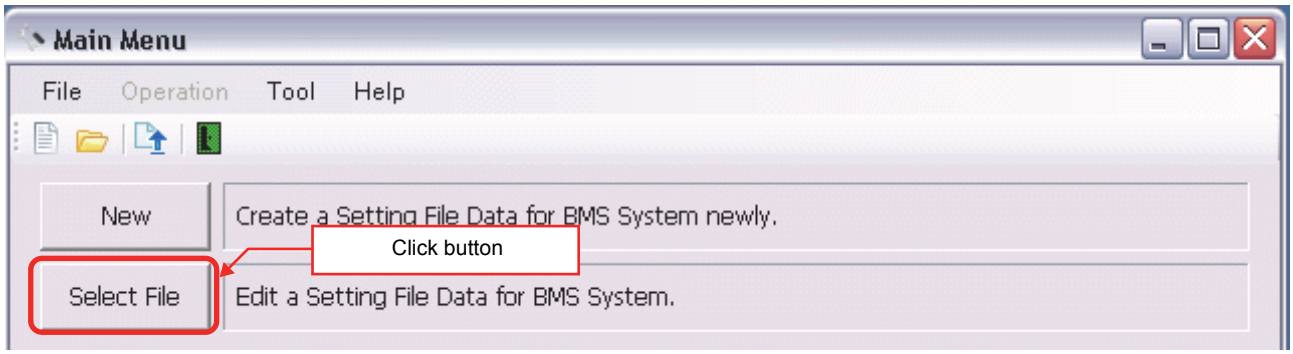


Fig.124 [Main Menu] screen (Select File button)

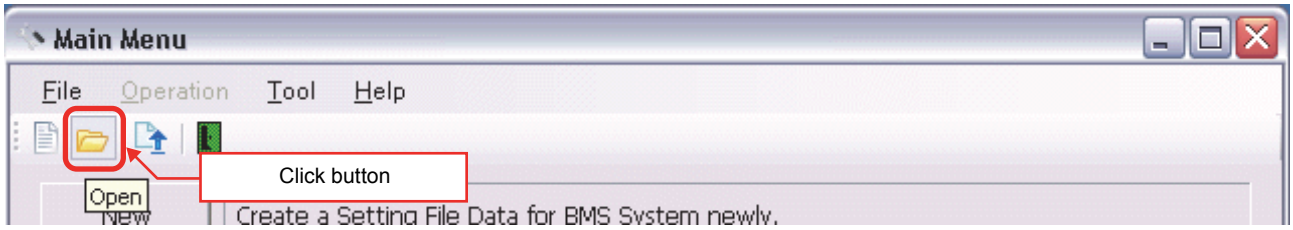


Fig.125 [Main Menu] screen (Open button)

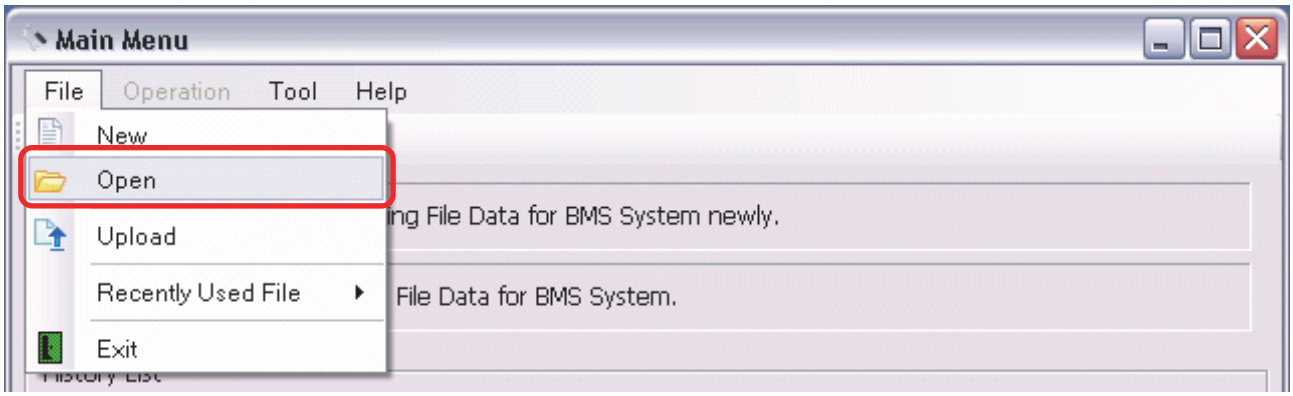


Fig.126 [Main Menu] screen (Open menu)

EN

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

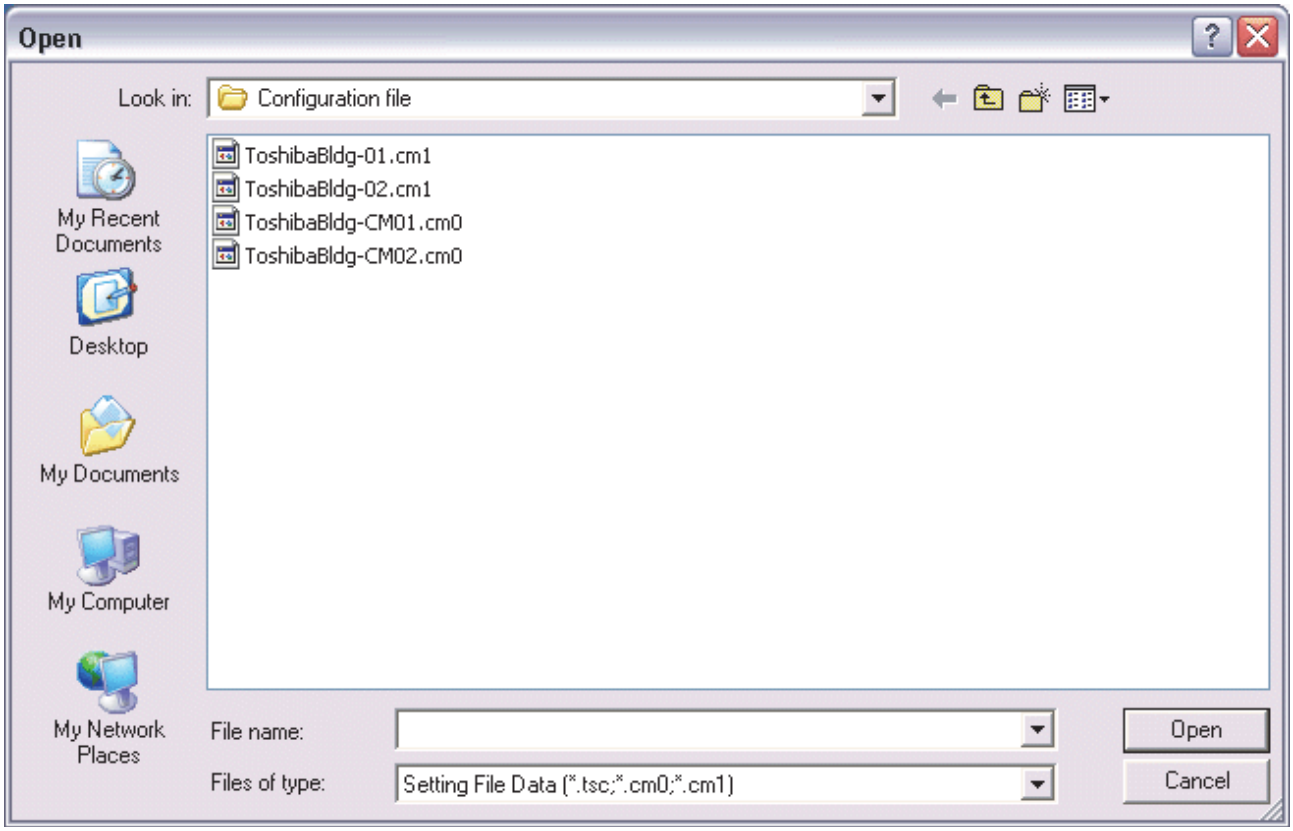


Fig.127 [Open] screen

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.

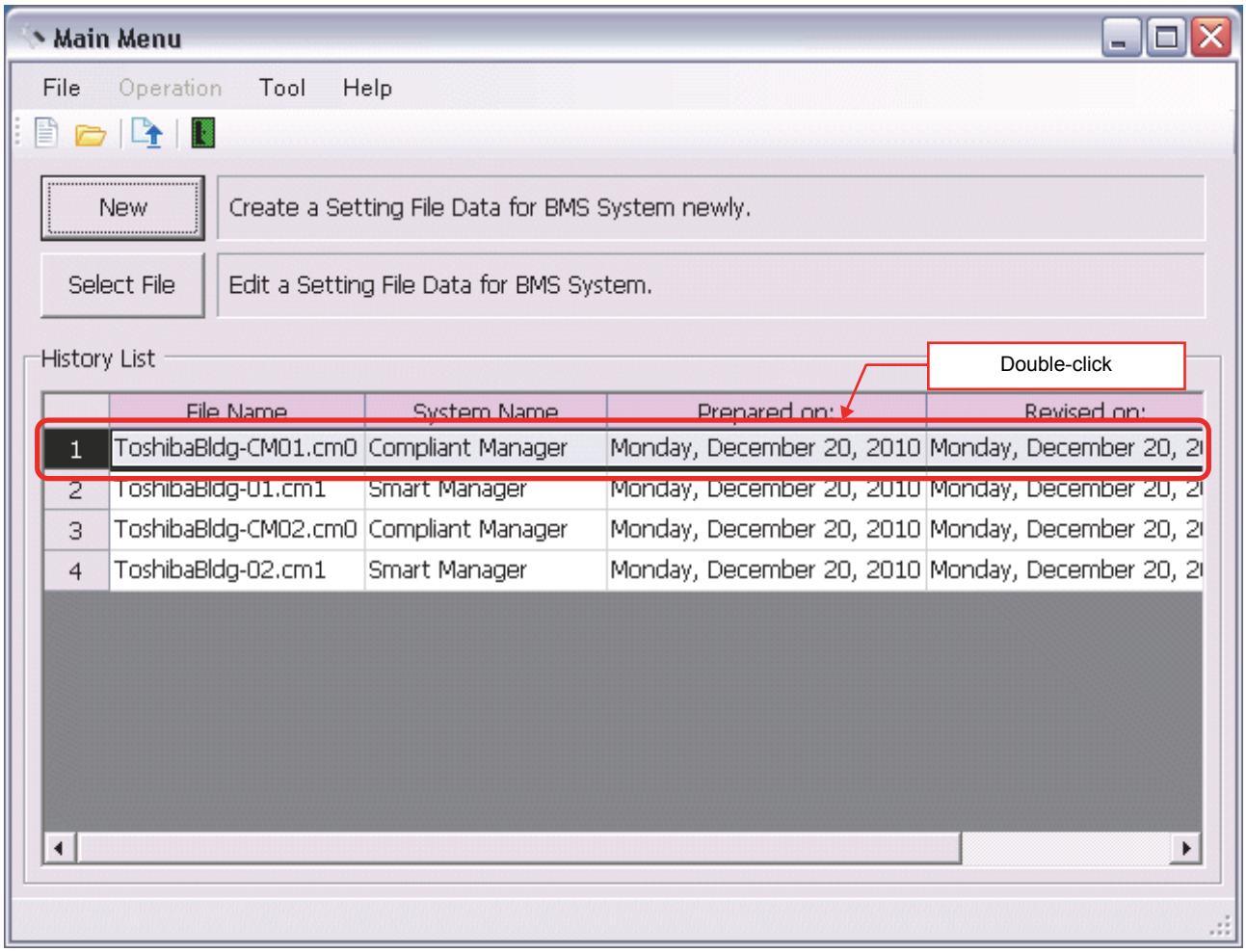


Fig.128 [Main Menu] screen (History List)

Up to 9 files are stored in Recently Used File.

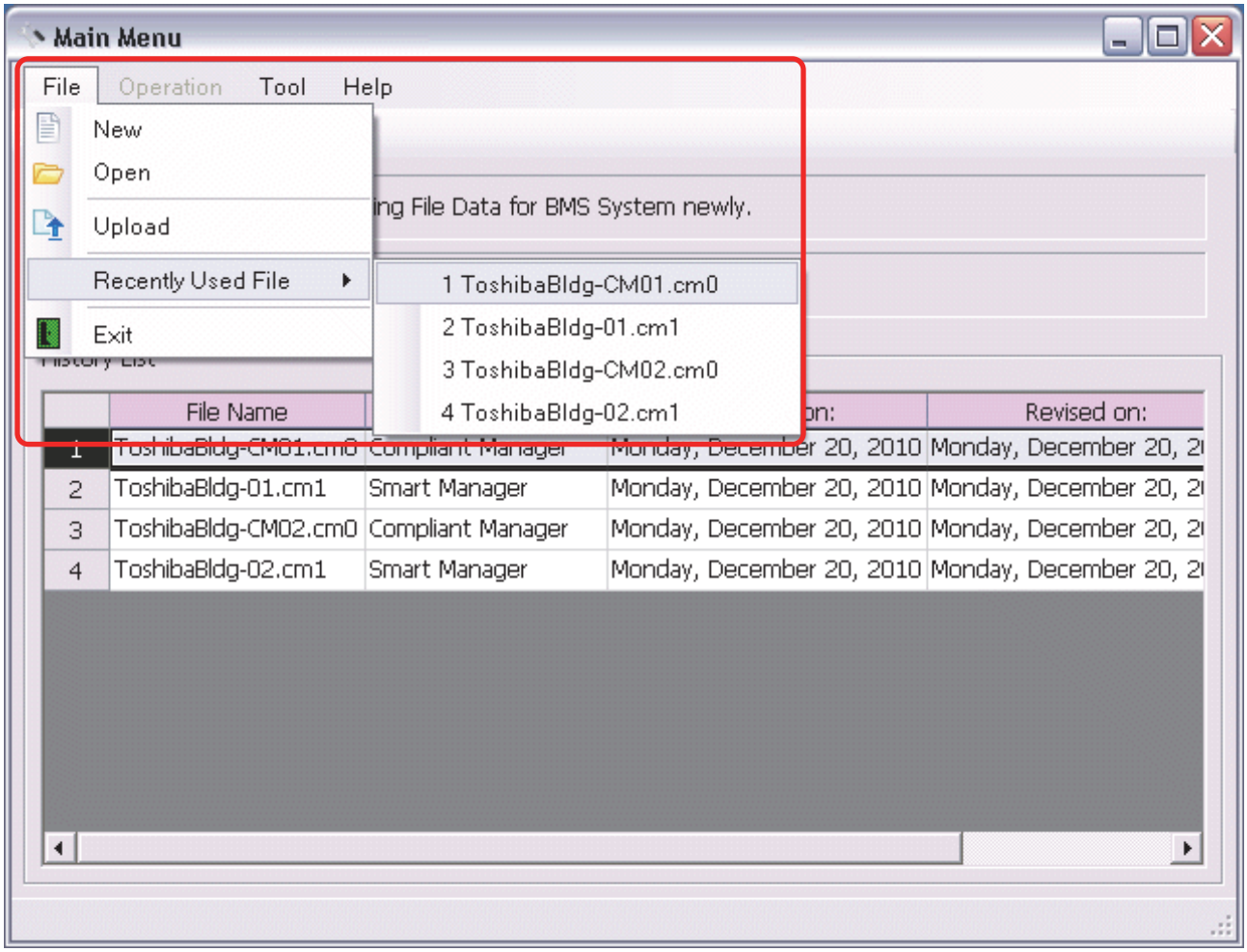


Fig.129 [Main Menu] screen (Recently Used File)

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



Fig.130 Warning message box

Setting Up the System

Select the [System] tab and configure the settings.

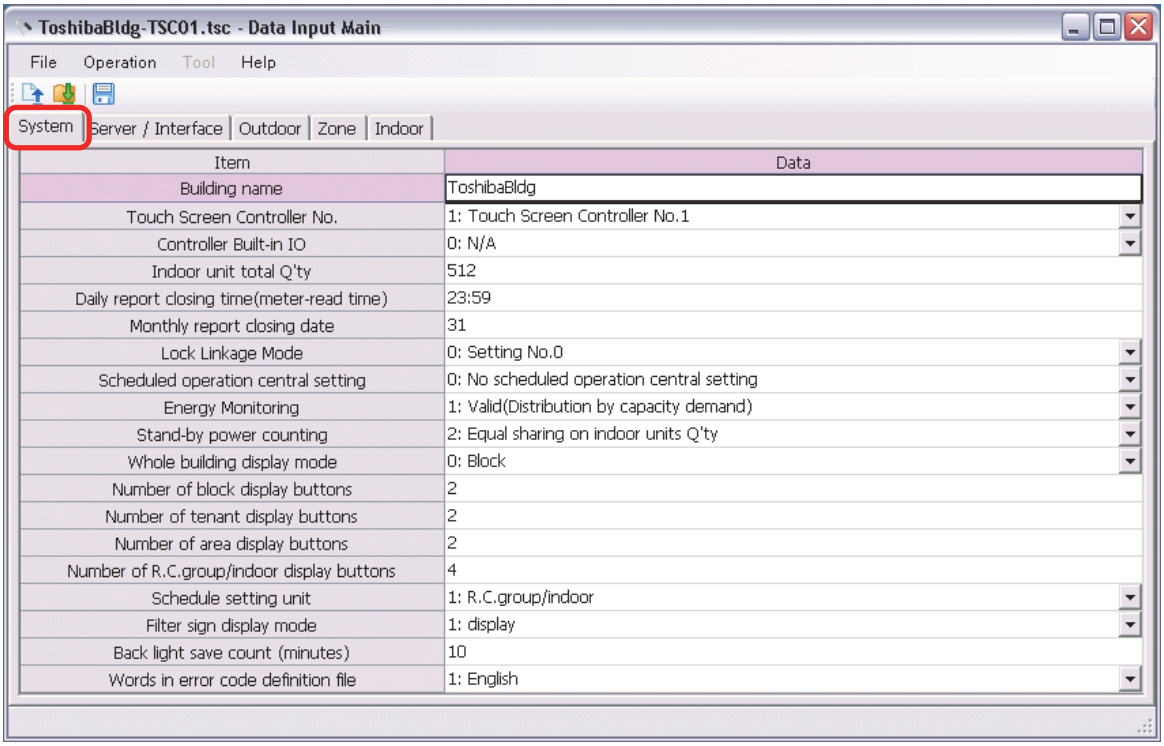


Fig.131 [System] tab

The following table shows how to enter / select data:

Item	Data type	Selection	Note
Building name	Entered by user		
Touch Screen Controller No.	Selected by user	Select from list	
Controller Built-in IO	Selected by user	Select from list	
Indoor unit total Q'ty	Entered by user	Numeric value only	Up to 512
Daily report closing time	Entered by user	Time only	
Monthly report closing date	Entered by user	Numeric value only	
Lock Linkage Mode	Selected by user	Select from list	
Scheduled operation central setting	Selected by user	Select from list	
Energy Monitoring	Selected by user	Select from list	
Stand-by power counting	Selected by user	Select from list	
Whole building display mode	Selected by user	Select from list	
Number of block display buttons	Entered by user	Numeric value only	
Number of tenant display buttons	Entered by user	Numeric value only	
Number of area display buttons	Entered by user	Numeric value only	
Number of R.C.group / indoor display buttons	Entered by user	Numeric value only	
Schedule setting unit	Selected by user	Select from list	
Filter sign display mode	Selected by user	Select from list	
Back light save count (minutes)	Entered by user	Numeric value only	
Words in error code definition file	Selected by user	Select from list	

Table.1 How to enter / select data

EN

Setting Up the Server

Select the [Server Setting] tab under the [Server / Interface] tab, and set the numbers of the interfaces.

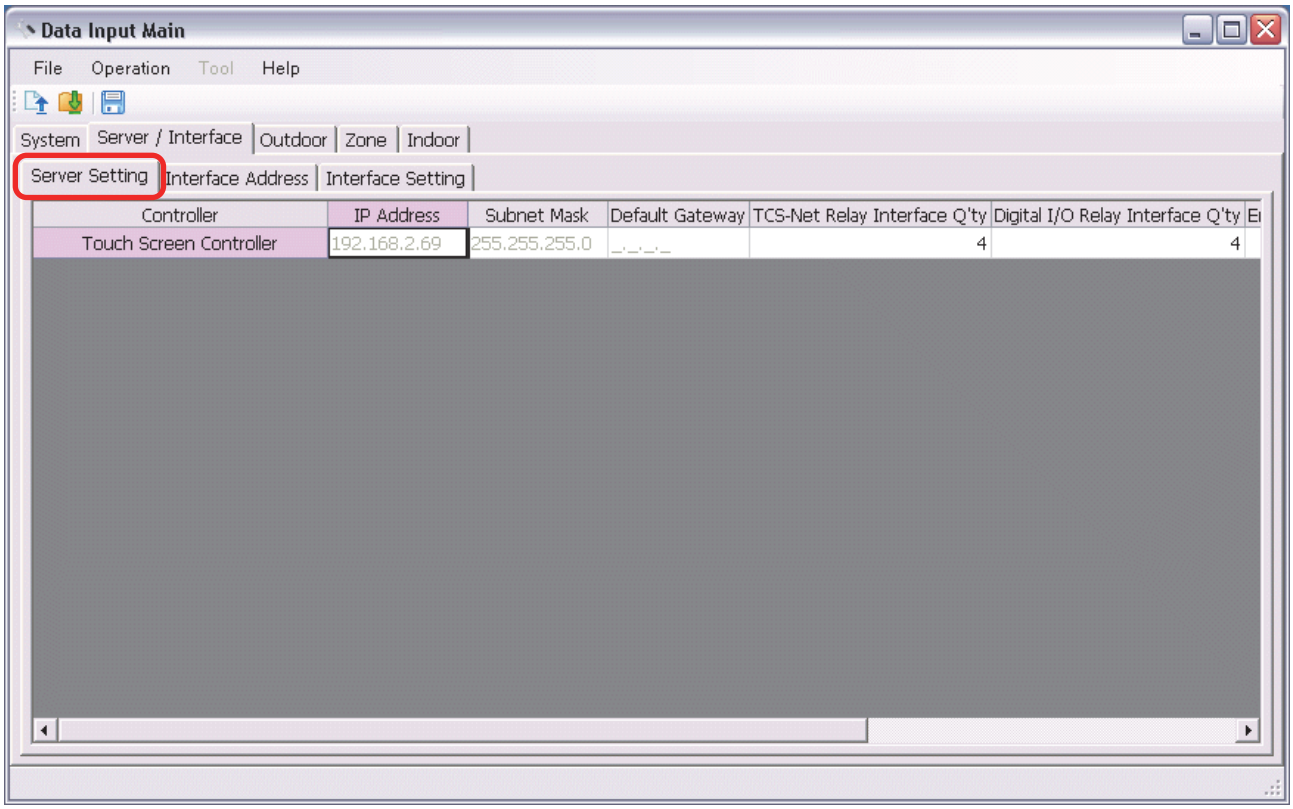


Fig.132 [Server Setting] tab

The following table shows how to enter / select data:

Item	Data type	Selection	Note
IP Address	Entered by user	Numeric value only	Set by Touch Screen Controller No.
Subnet Mask	Entered by user	Numeric value only	
Default Gateway	Entered by user	Numeric value only	
TCS-net Relay Interface Q'ty	Entered by user	Numeric value only	1 - 12
Digital I/O Relay Interface Q'ty	Entered by user	Numeric value only	0 - 8
Energy Monitoring Relay Interface Q'ty	Entered by user	Numeric value only	0 - 8

Table.2 How to enter / select data

Setting Up the Interface Address

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

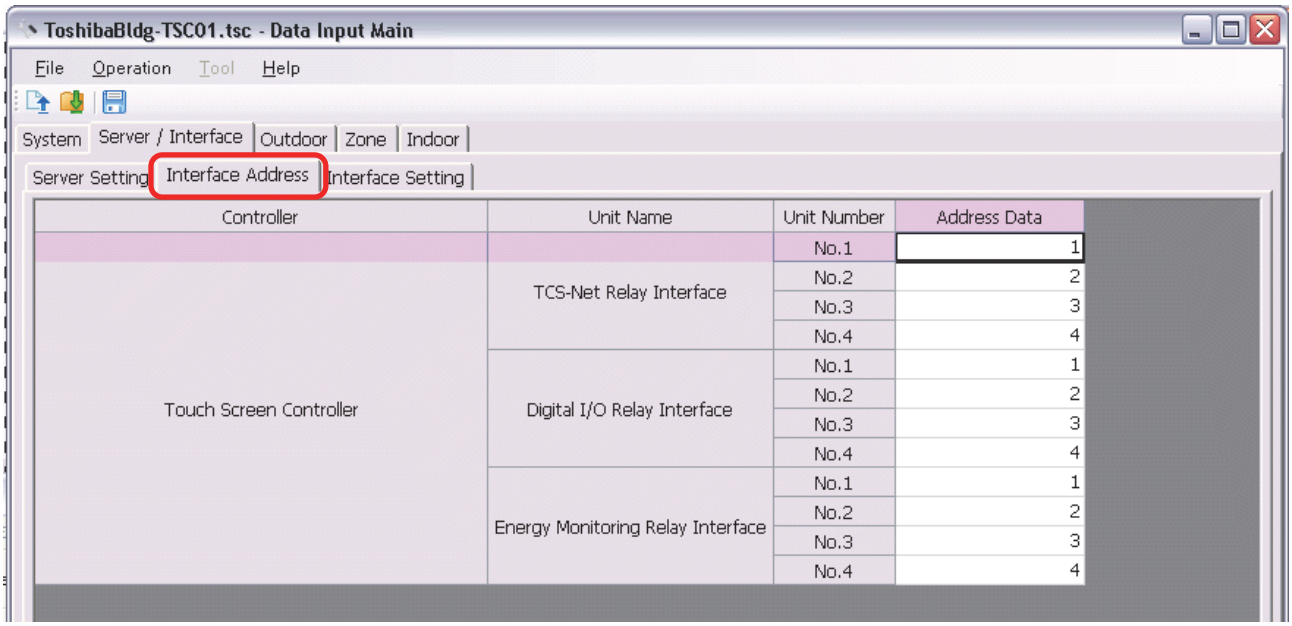


Fig.133 [Interface Address] tab

The following table shows how to enter / select data:

Item	Data type	Selection	Note
TCS-Net Relay Interface Address Data	Entered by user	Numeric value only	
Energy Monitoring Relay Interface Address Data	Entered by user	Numeric value only	
Digital I/O Relay Interface Address Data	Entered by user	Numeric value only	

Table.3 How to enter / select data

EN

Setting Up the Interface Function

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

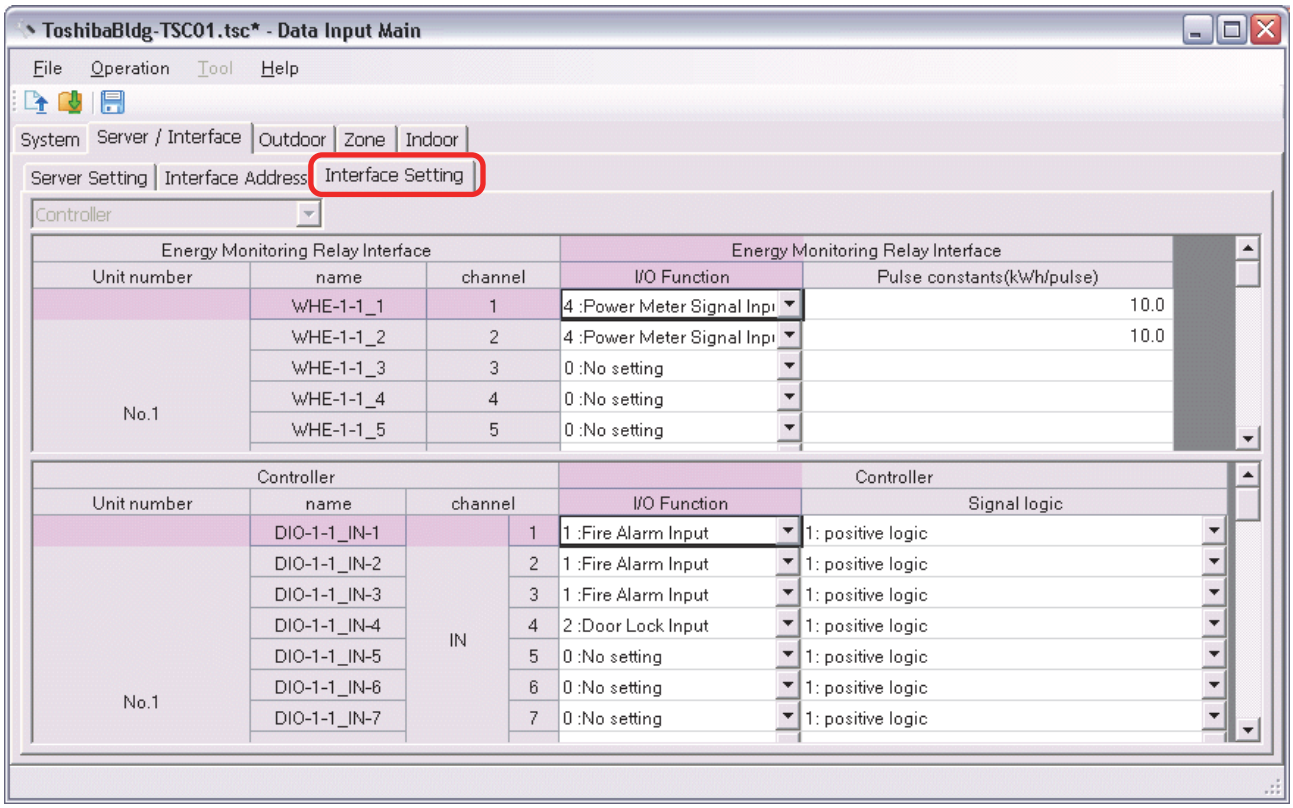


Fig.134 [Interface Setting] tab

The following table shows how to enter / select data:

Item	Data type	Selection	Note
I/O Function	Selected by user	Select from list	
Signal logic	Selected by user	Select from list	Digital I/O Interface only
Pulse constants	Entered by user	Numeric value only	0.1 to 99.9, Energy Monitoring Relay interface only

Table.4 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.

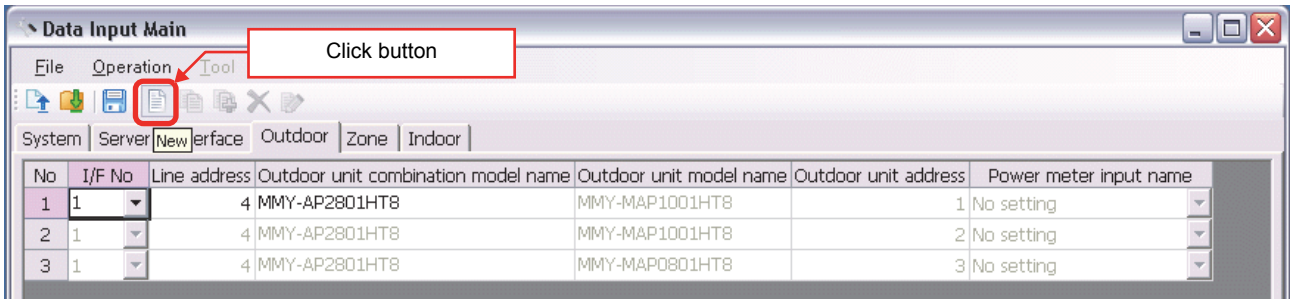


Fig.135 [Outdoor] tab (New button)

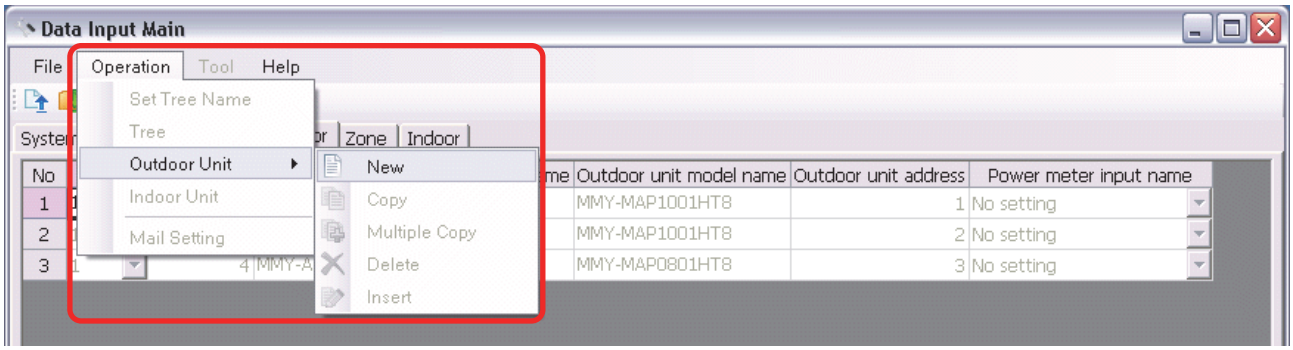


Fig.136 [Outdoor] tab (New menu)

The following table shows how to enter / select data:

Item	Data type	Selection	Note
IF No	Selected by user	Select from list	
Line address	Entered by user		
Outdoor unit combination model name	Selected by user	Select from the Select outdoor unit model screen	
Outdoor unit model name	Cannot be edited		
Outdoor unit address	Cannot be edited		
Power monitoring	Selected by user	Select from list	

Table.5 How to enter / select data

EN

Selecting an Outdoor Unit

Clicking a cell of an outdoor unit combination model name on the [Outdoor] tab (Fig.6) 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 (Fig.6). To cancel changing the outdoor unit setting, click the Cancel button to return to the [Outdoor] tab.

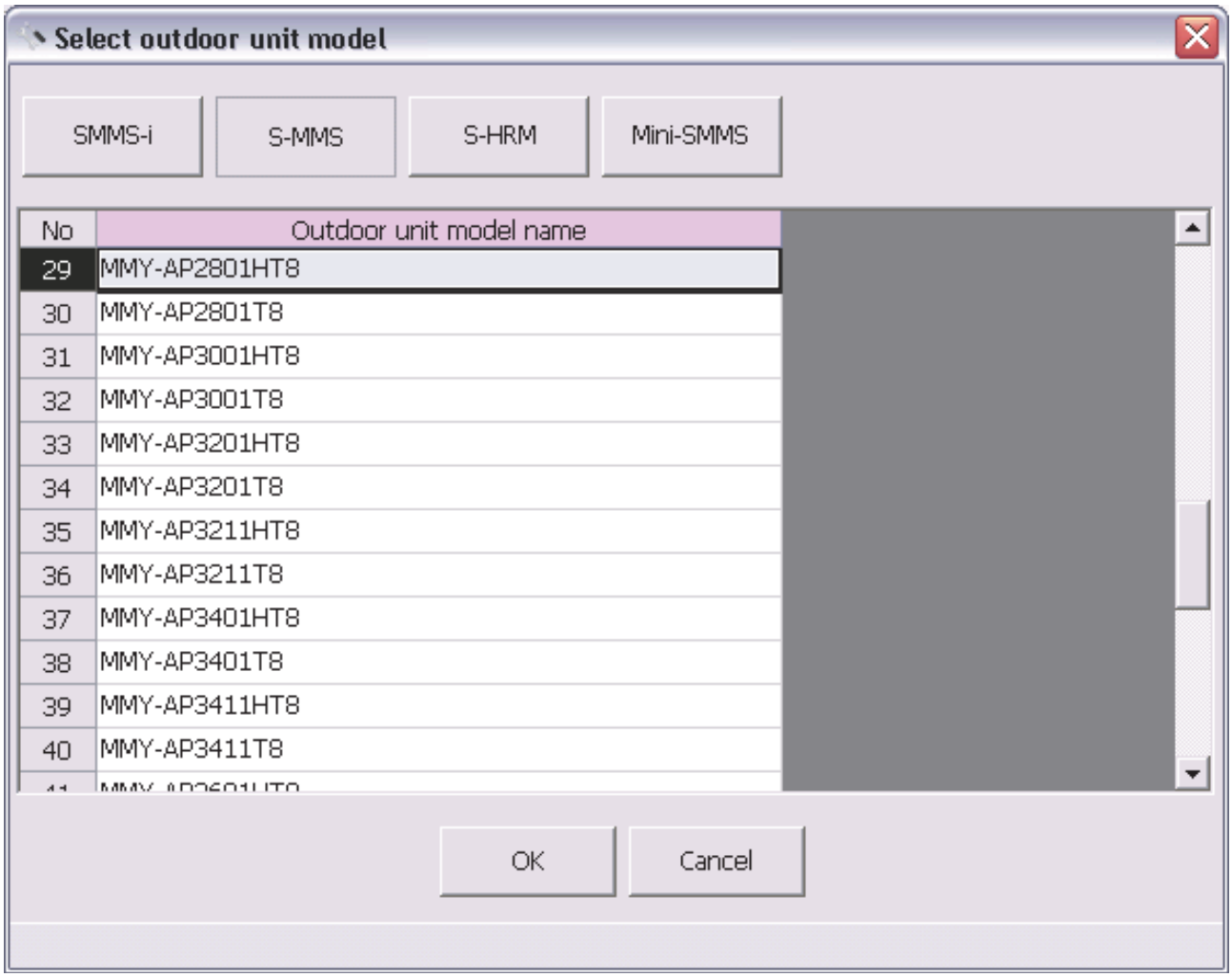


Fig.137 [Select outdoor unit model] screen

Copying the Data of an Outdoor Unit

Select a line of an outdoor unit on the [Outdoor] tab (Fig.6), 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" will automatically be increased in one.

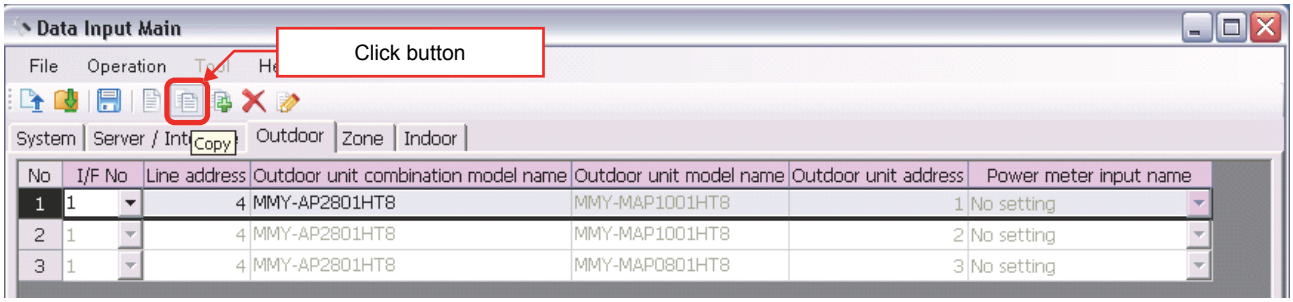


Fig.138 [Outdoor] tab (Copy button)

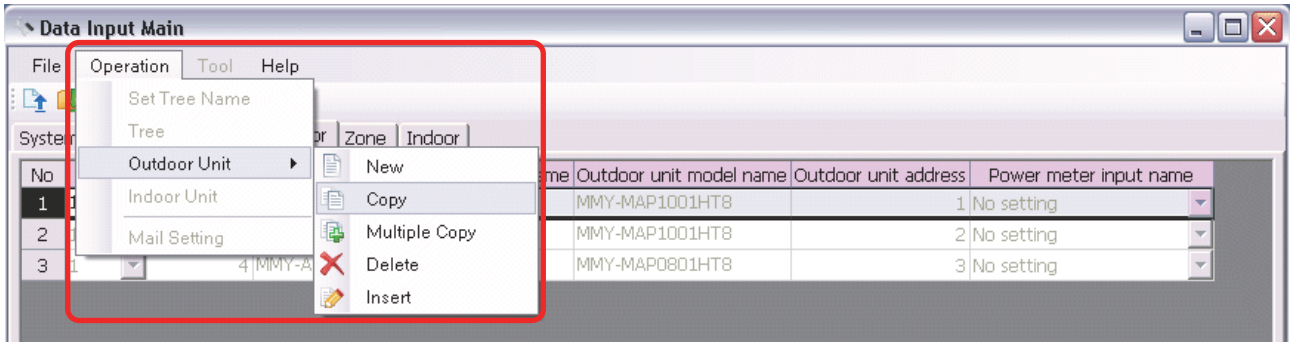


Fig.139 [Outdoor] tab (Copy menu)

EN

Copying the Data of Multiple Outdoor Units

Select a line of outdoor unit on the [Outdoor] tab (Fig.6), and click the [Multicopy] button, or select the [Operation] menu > [Outdoor Unit] > [Multicopy]. The Copy line count screen appears.

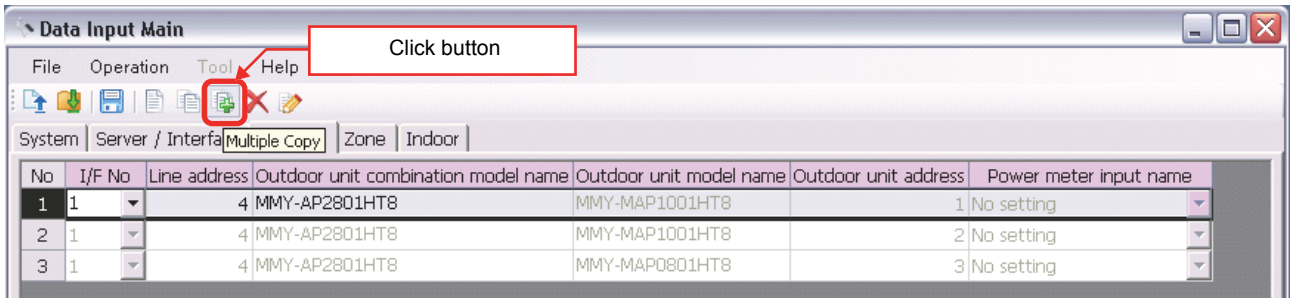


Fig.140 [Outdoor] tab (Multicopy button)

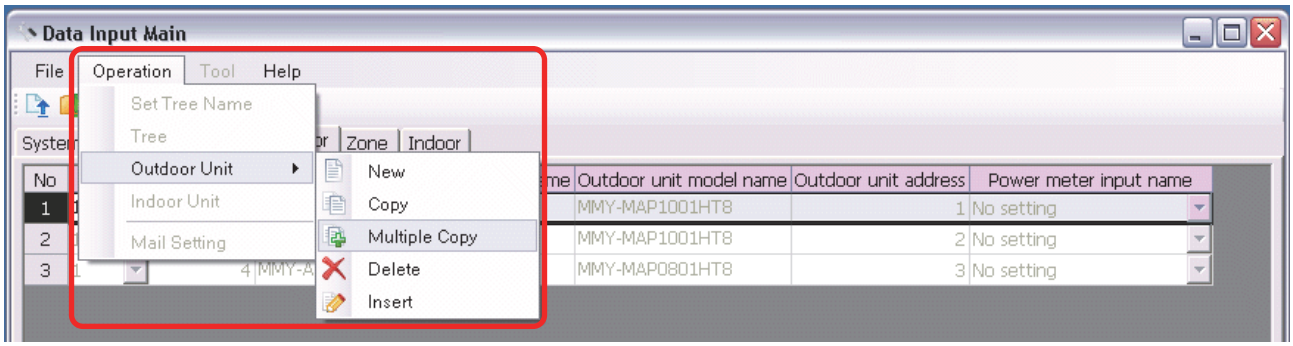


Fig.141 [Outdoor] tab (Multicopy menu)

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" will automatically be increased in one.

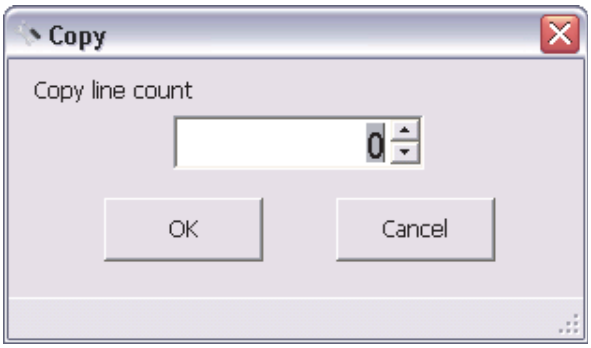


Fig.142 [Copy line count] screen

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].

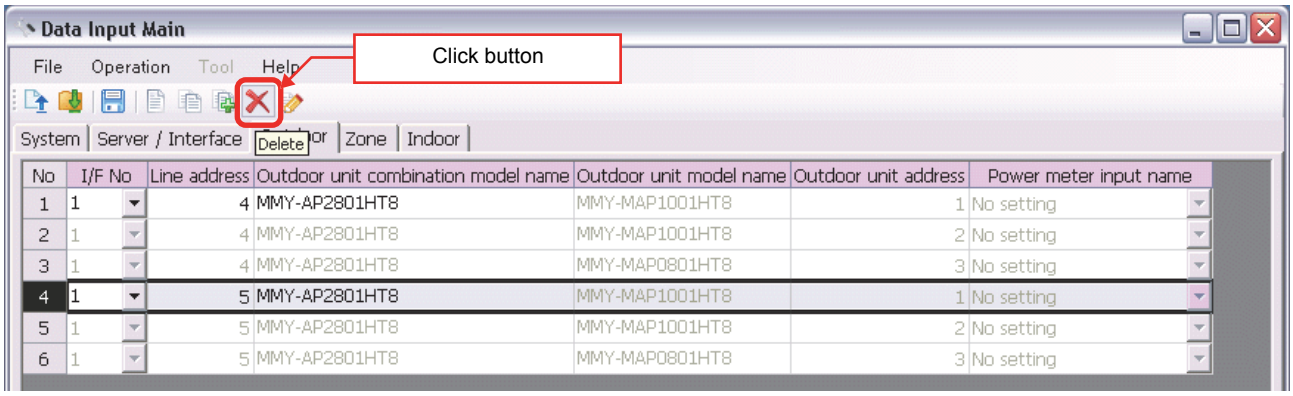


Fig.143 [Outdoor] tab (Delete button)

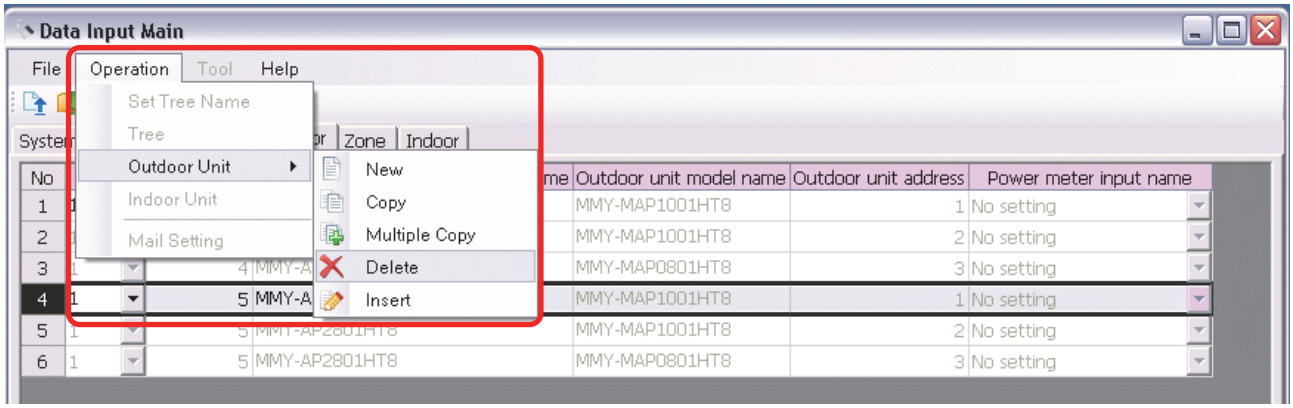


Fig.144 [Outdoor] tab (Delete menu)

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.

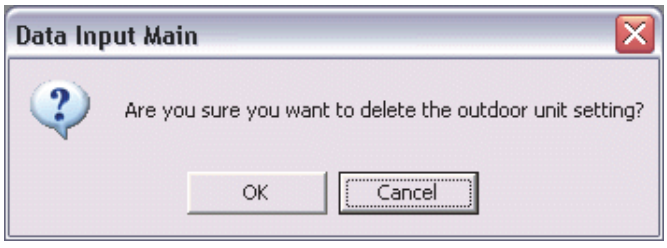


Fig.145 Deletion confirmation dialog box

EN

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.

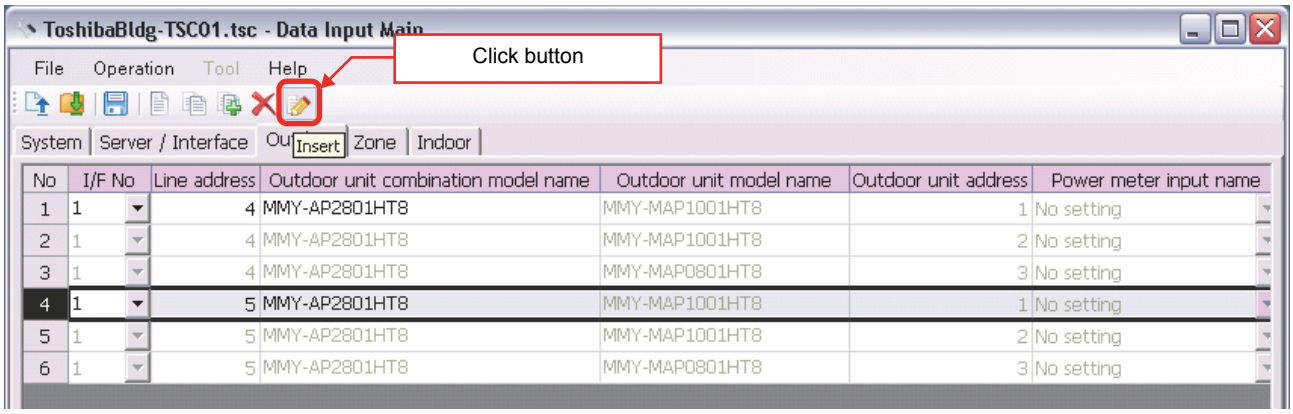


Fig.146 [Outdoor] tab (Insert button)

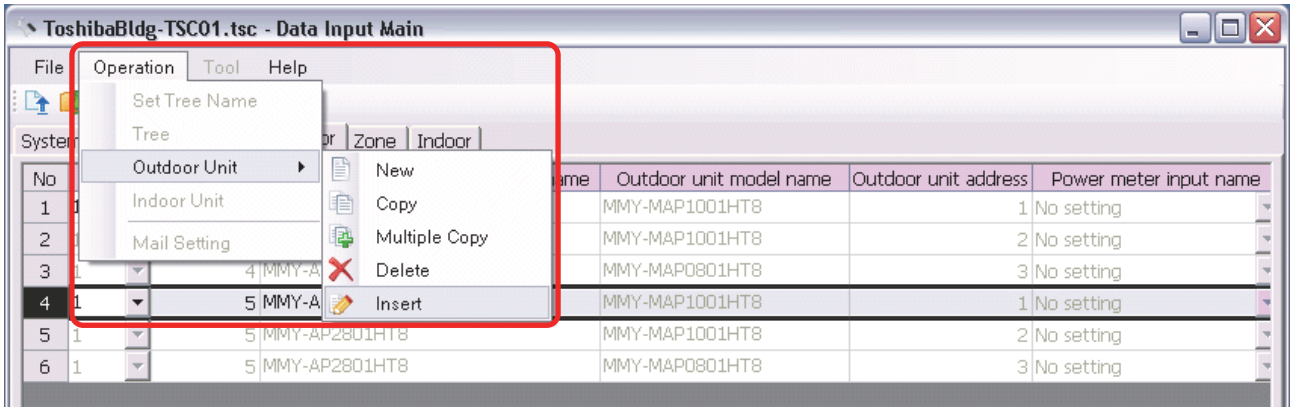


Fig.147 [Outdoor] tab (Insert menu)

Editing a Zone Name

On the [Zone] tab, select a section (Block, Monthly report tenant, Tenant, Area) from the combo box in the upper left corner of the window. Enter a name in the displayed zone list.

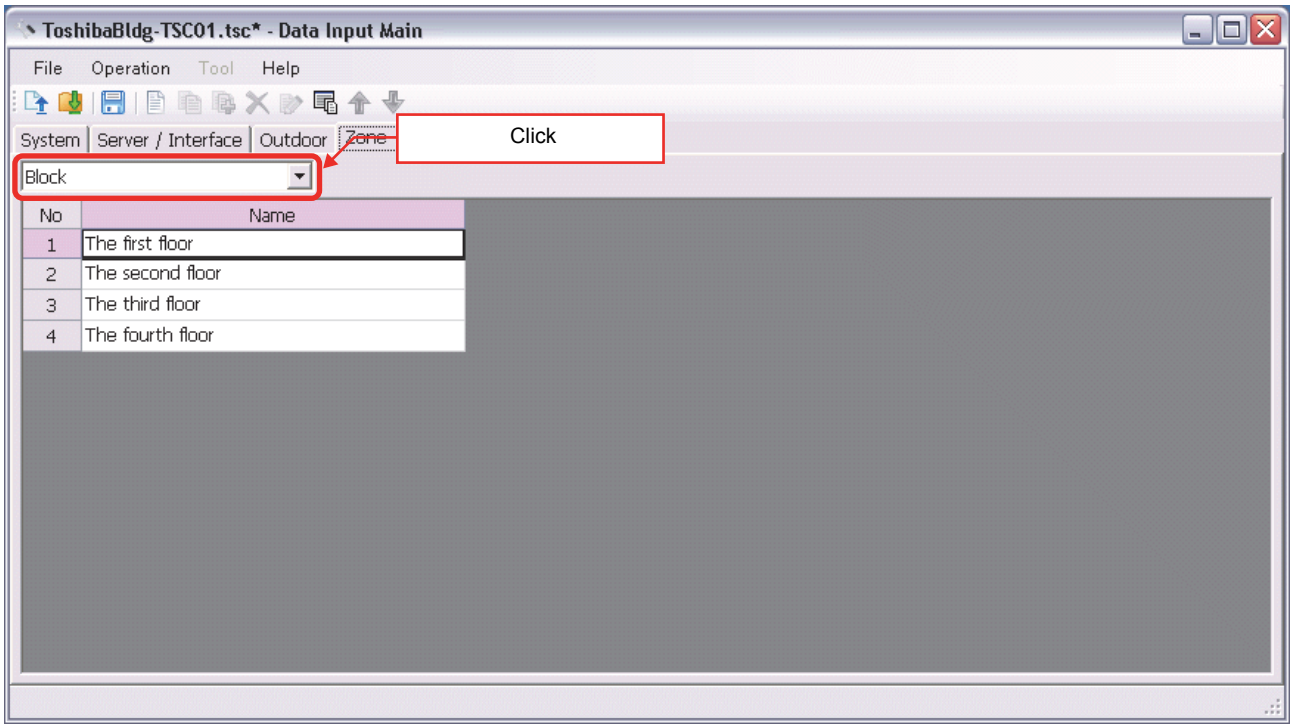


Fig.148 [Zone] tab (Floor)

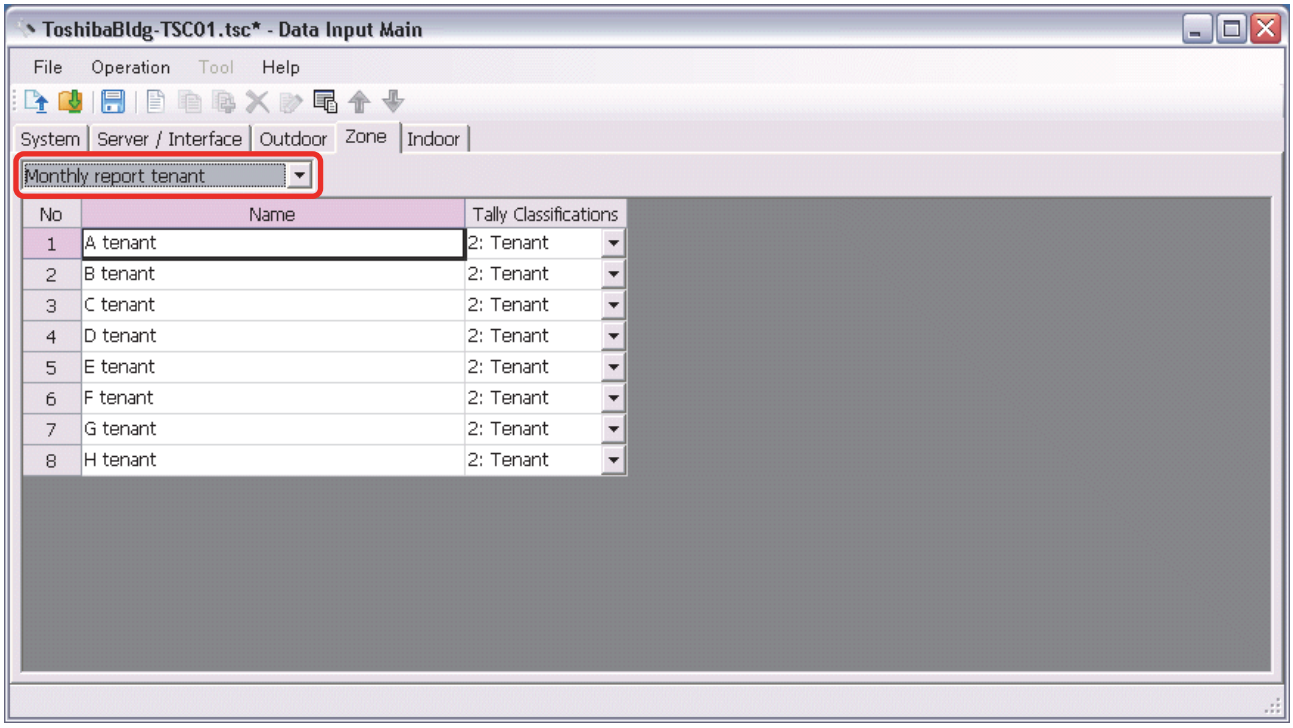


Fig.149 [Zone] tab (Monthly report tenant)

EN

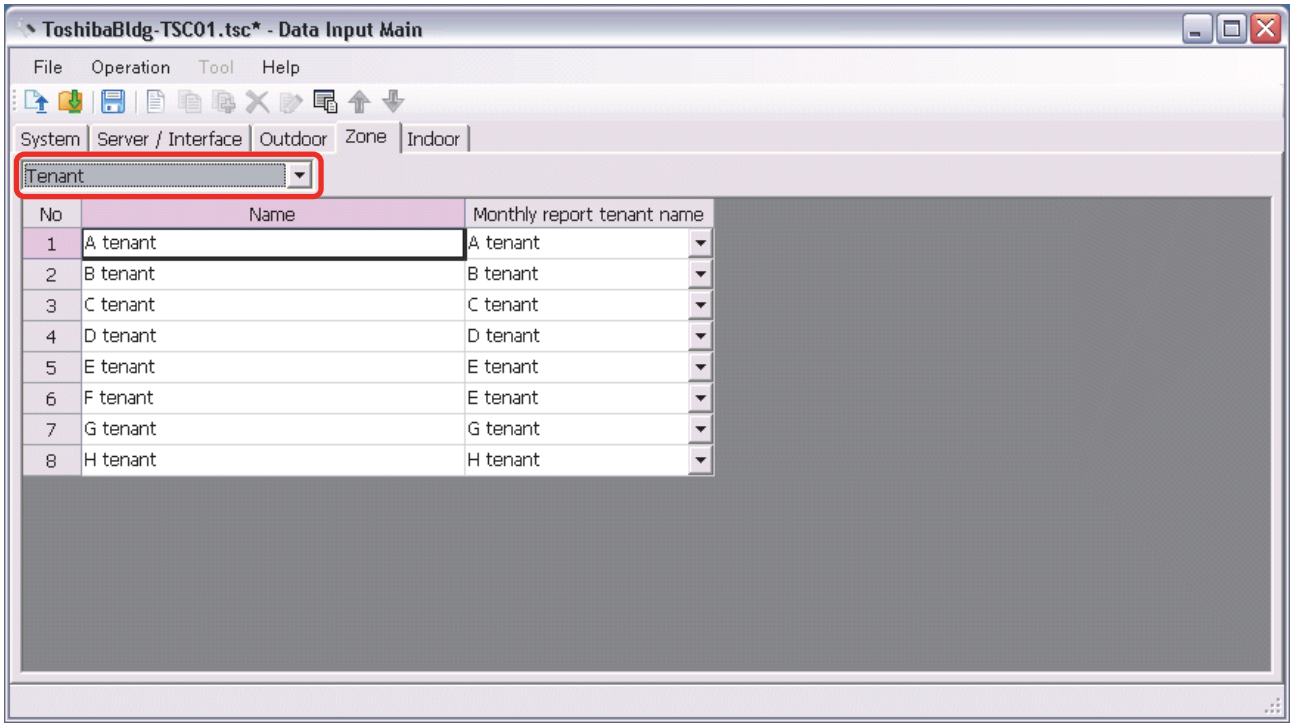


Fig.150 [Zone] tab (Tenant)

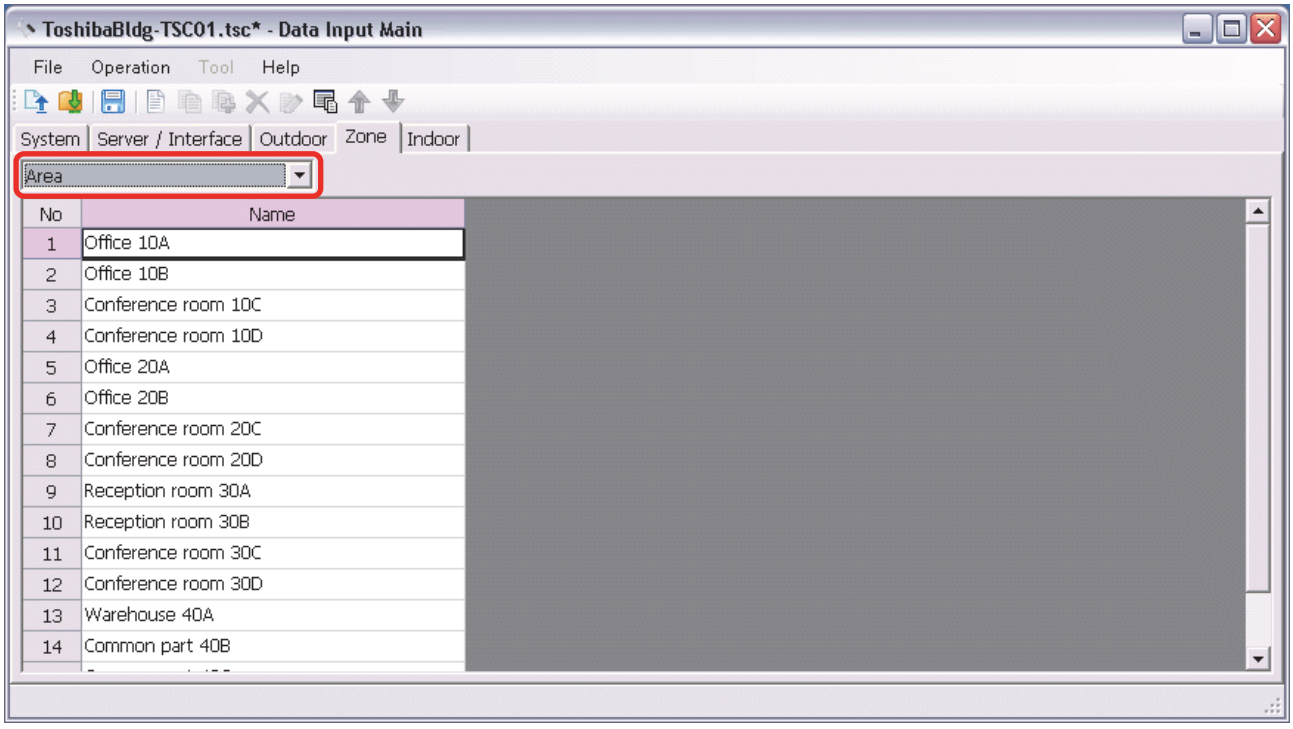


Fig.151 [Zone] tab (Area)

Adding a Zone

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

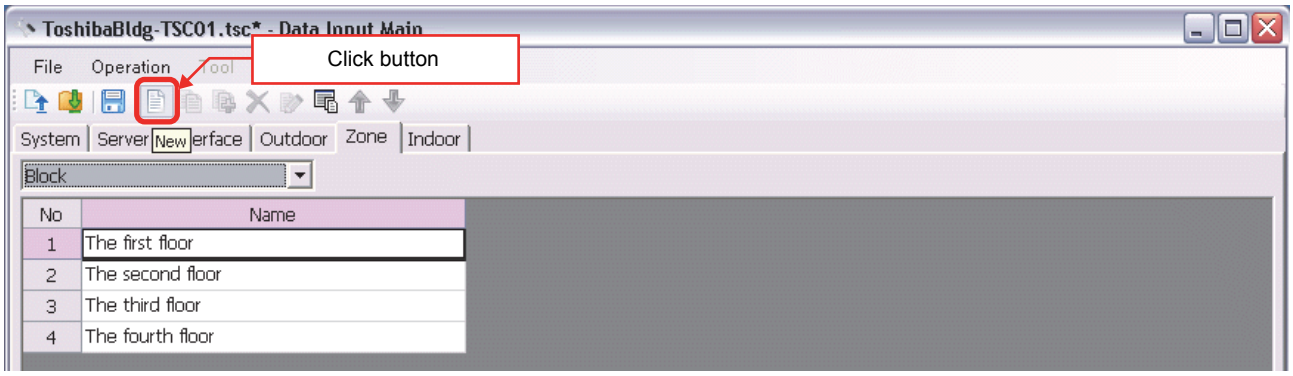


Fig.152 [Zone] tab (New button)

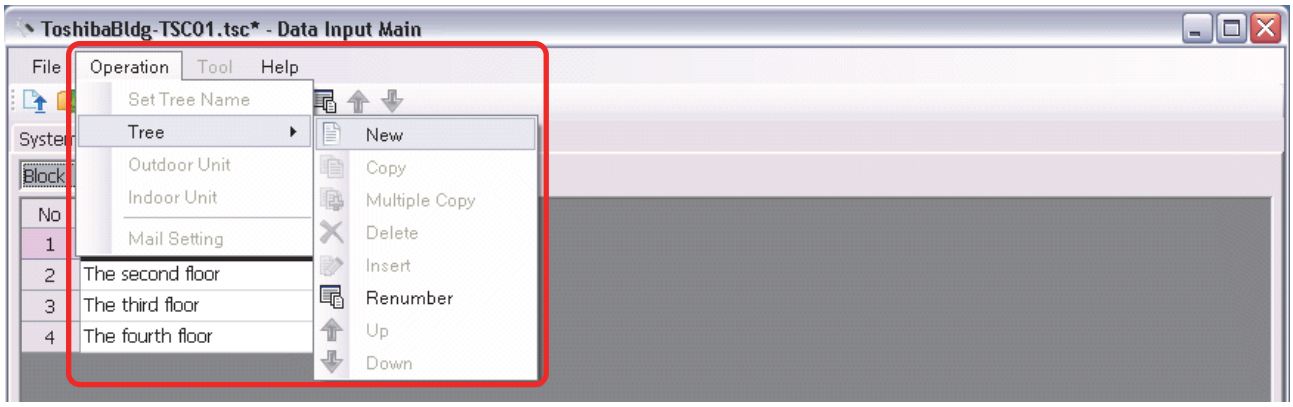


Fig.153 [Zone] tab (New button)

The following table shows how to enter / select data:

Item	Data type	Selection	Note
Name	Entered by user		
Tally Classifications	Selected by user	Select from list	Monthly report tenant only
Monthly report tenant name	Selected by user	Select from list	Tenant only

Table.6 How to enter / select data

EN

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.

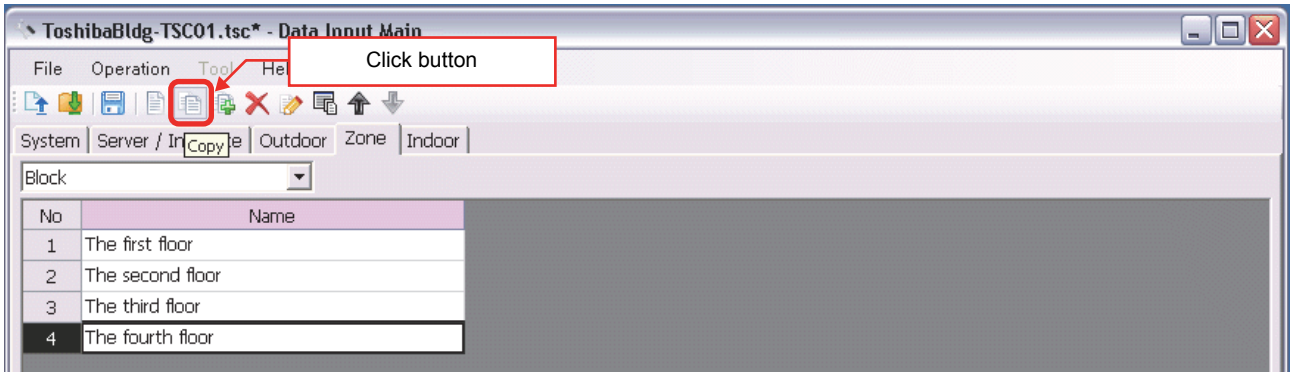


Fig.154 [Zone] tab (Copy button)

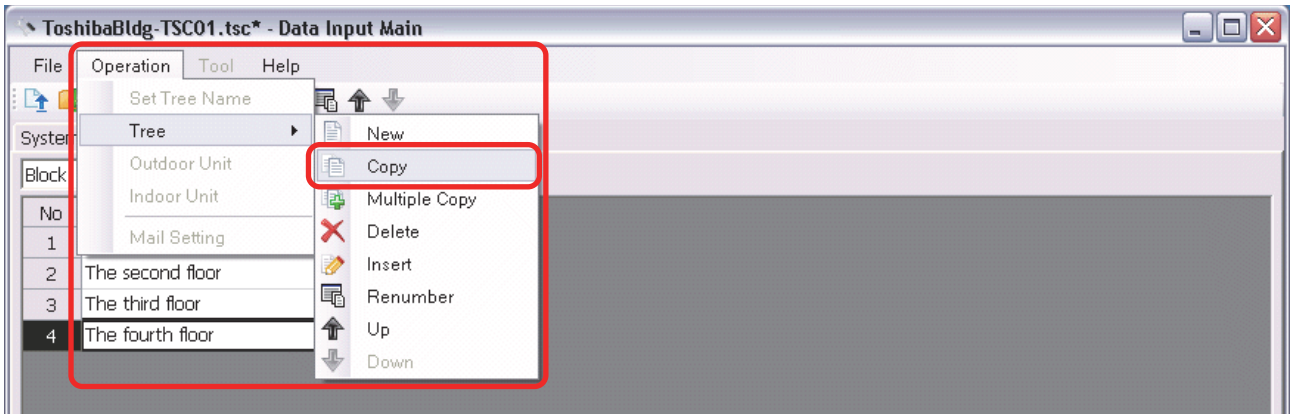


Fig.155 [Zone] tab (Copy menu)

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.

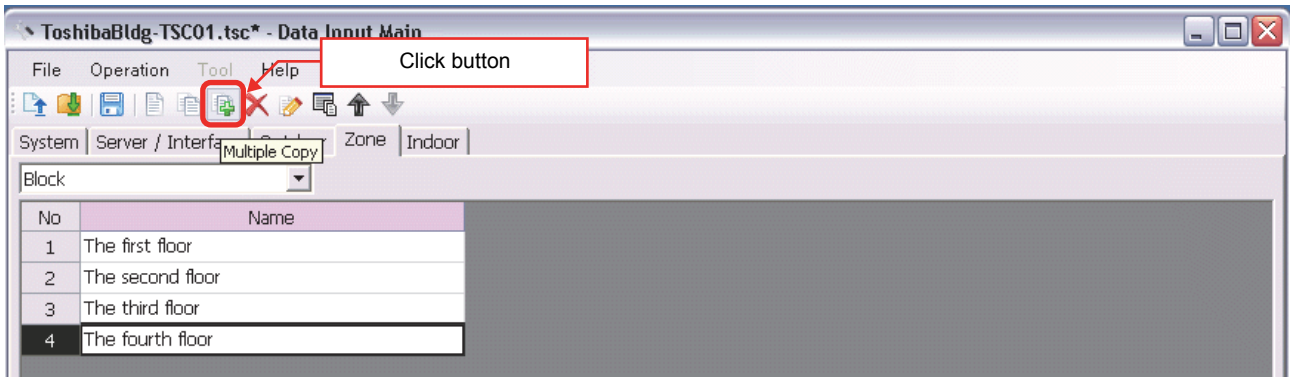


Fig.156 [Zone] tab (Multicopy button)

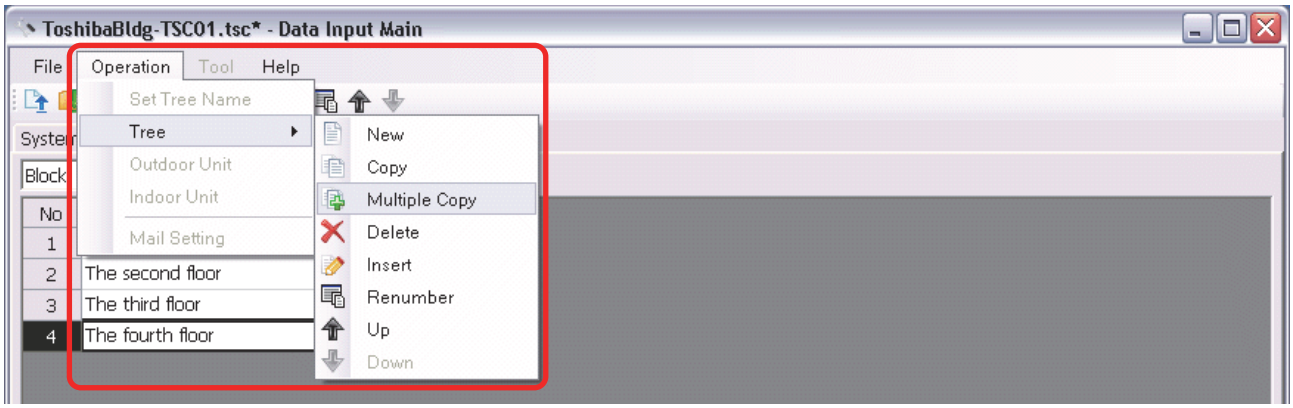


Fig.157 [Zone] tab (Multicopy menu)

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.

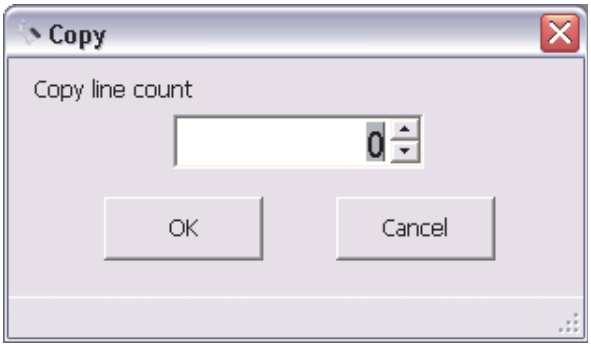


Fig.158 [Copy line count] screen

EN

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].

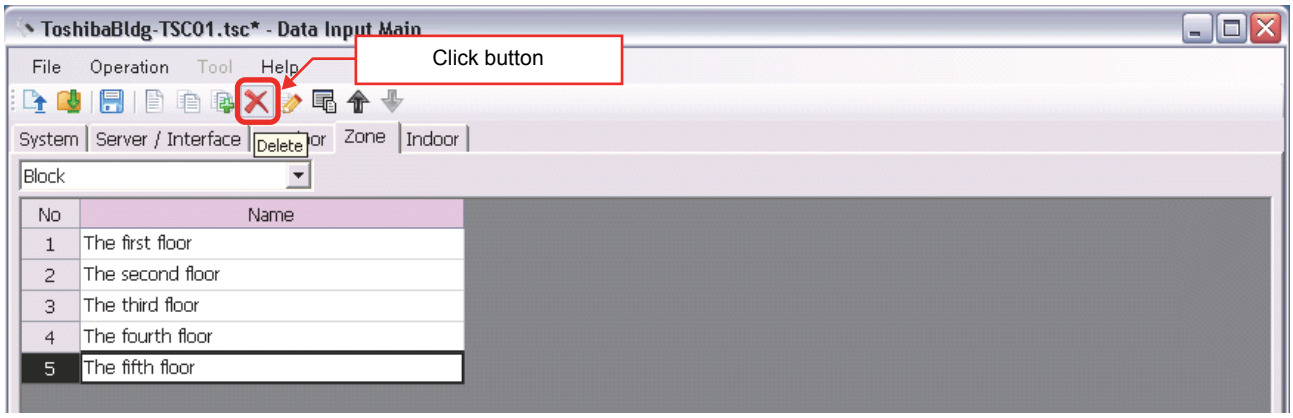


Fig.159 [Zone] tab (Delete button)

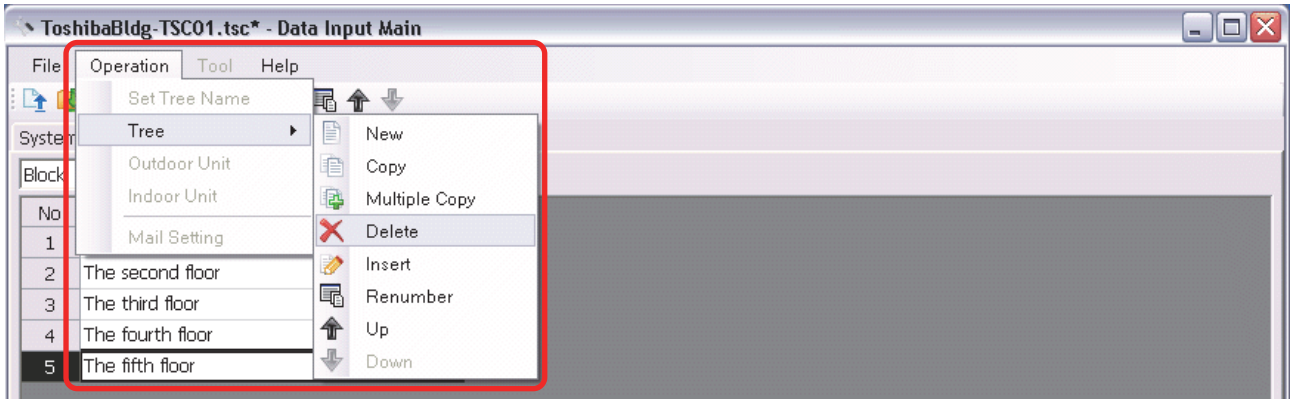


Fig.160 [Zone] tab (Delete menu)

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.

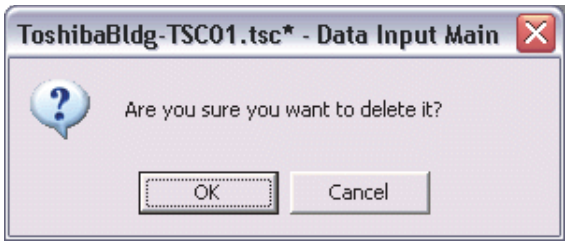


Fig.161 Deletion confirmation dialog box

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.

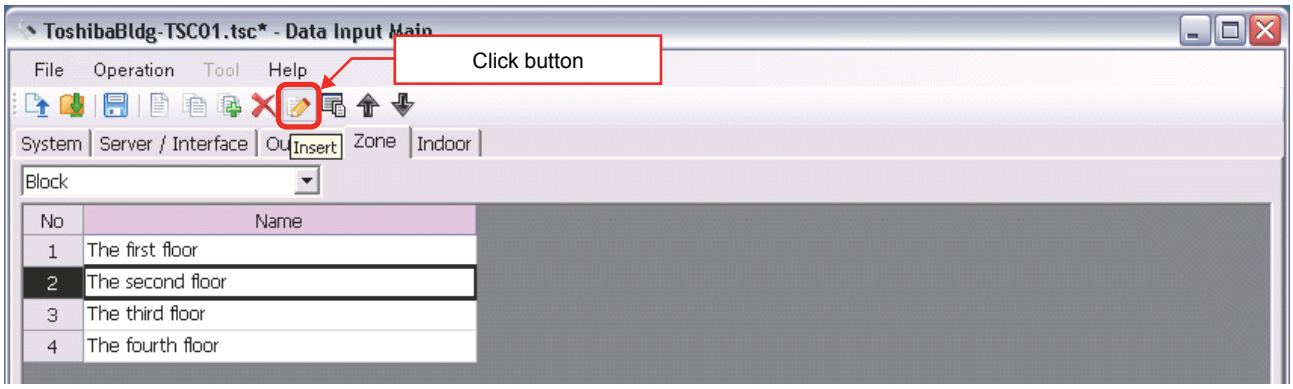


Fig.162 [Zone] tab (Insert button)

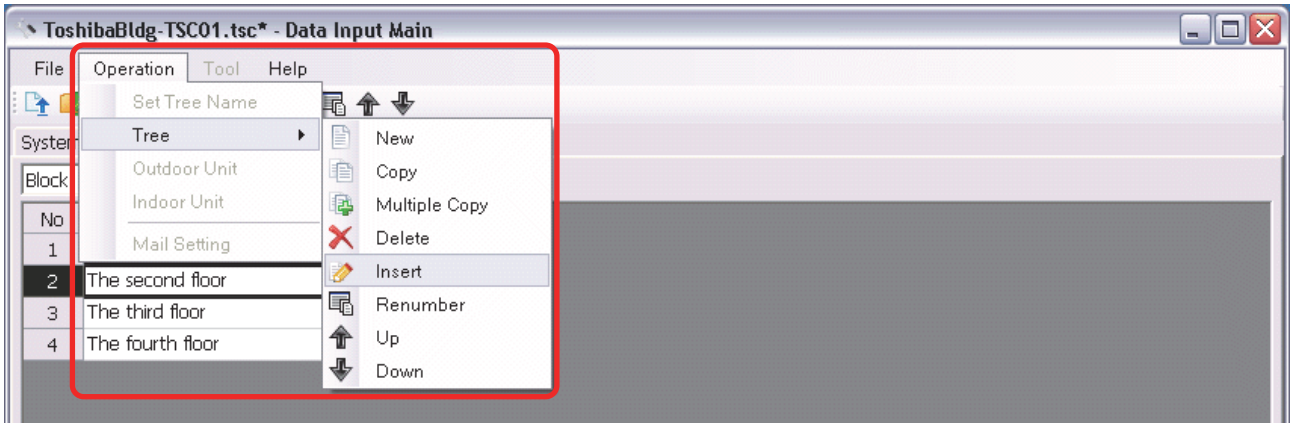


Fig.163 [Zone] tab (Insert menu)

EN

Renumbering the Zones

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

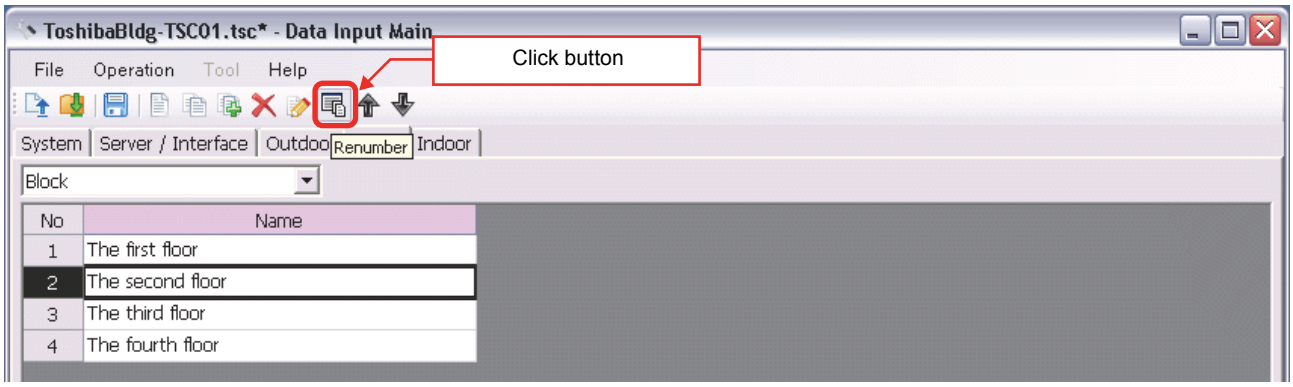


Fig.164 [Zone] tab (Renumber button)

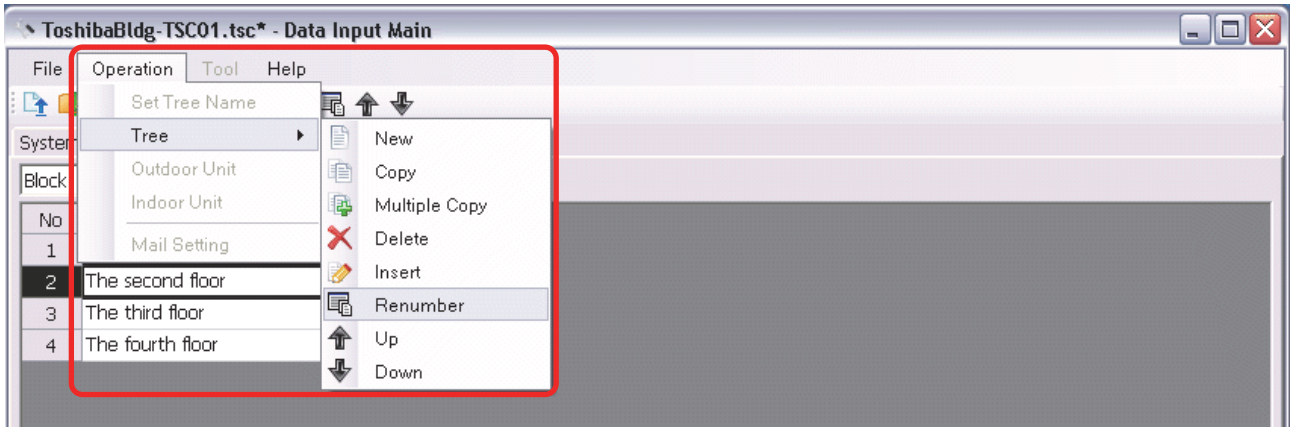


Fig.165 [Zone] tab (Renumber menu)

Changing the Order of the Zones

Select a line of a zone on the [Zone] tab (Fig.7), and click the [Up] / [Down] button, or select the [Operation] menu > [Tree] > [Up] / [Down]. The selected line moves up or down.

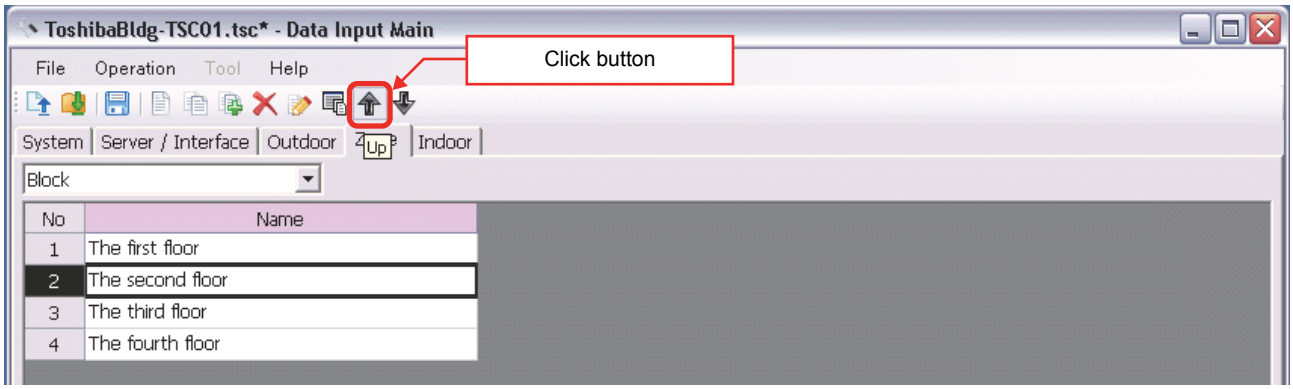


Fig.166 [Zone] tab (Up button)

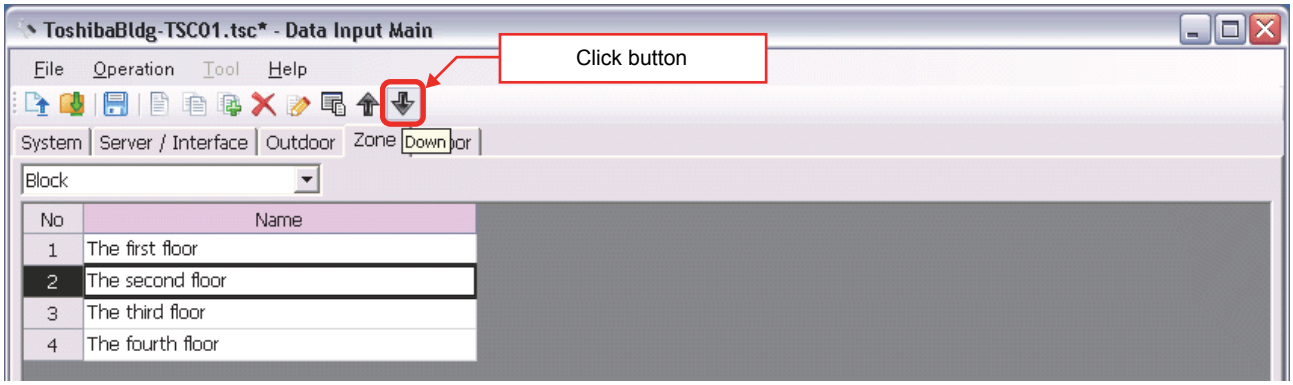


Fig.167 [Zone] tab (Down button)

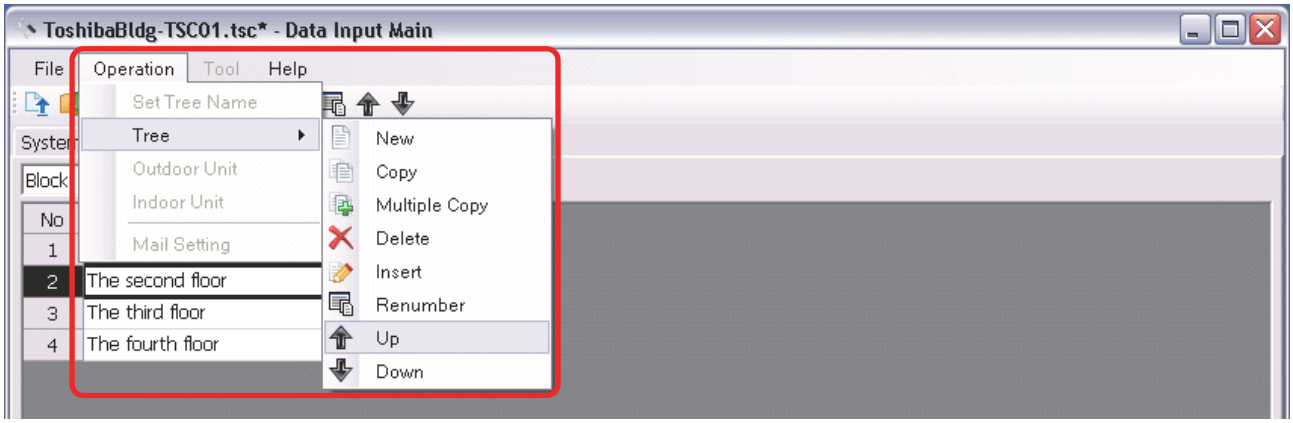


Fig.168 [Zone] tab (Up menu)

EN

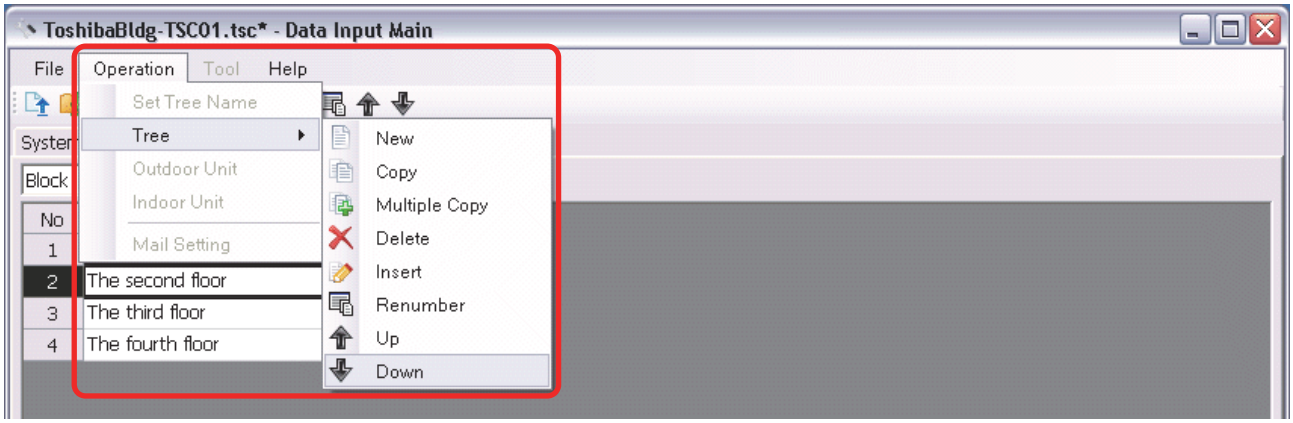


Fig.169 [Zone] tab (Down menu)

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.

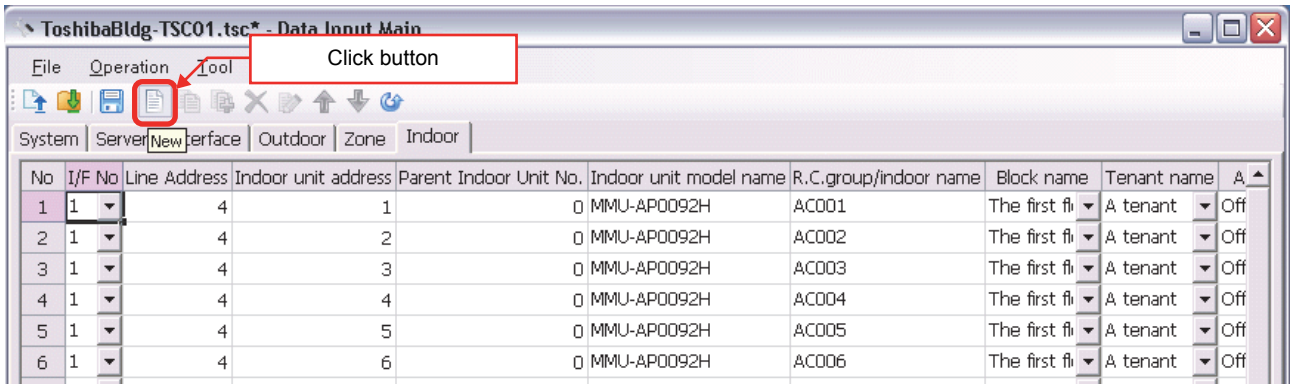


Fig.170 [Indoor] tab (New button)

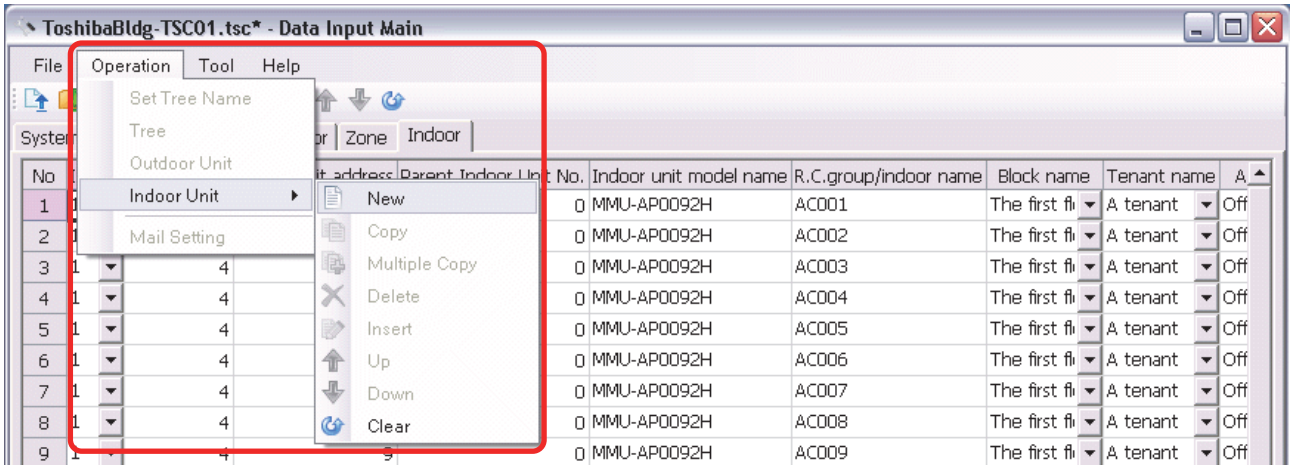


Fig.171 [Indoor] tab (New menu)

EN

The following table shows how to enter / select data:

Item	Data type	Selection	Note
IF No	Selected by user	Select from list	
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		
Block name	Selected by user	Select from list	
Tenant name	Selected by user	Select from list	
Area name	Selected by user	Select from list	
Door-lock input name	Selected by user	Select from list	
Fire alarm input name	Selected by user	Select from list	
Power meter input name	Selected by user	Select from list	
General purpose interface Energy cofficient (kWh)	Entered by user		
Air Conditioner No.	Entered by user		

Table.7 How to enter / select data

⚠ CAUTION

Fire alarm function that described in this manual can not be used with UL-approved system (Model: BMS-SM1281HTLUL).

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.

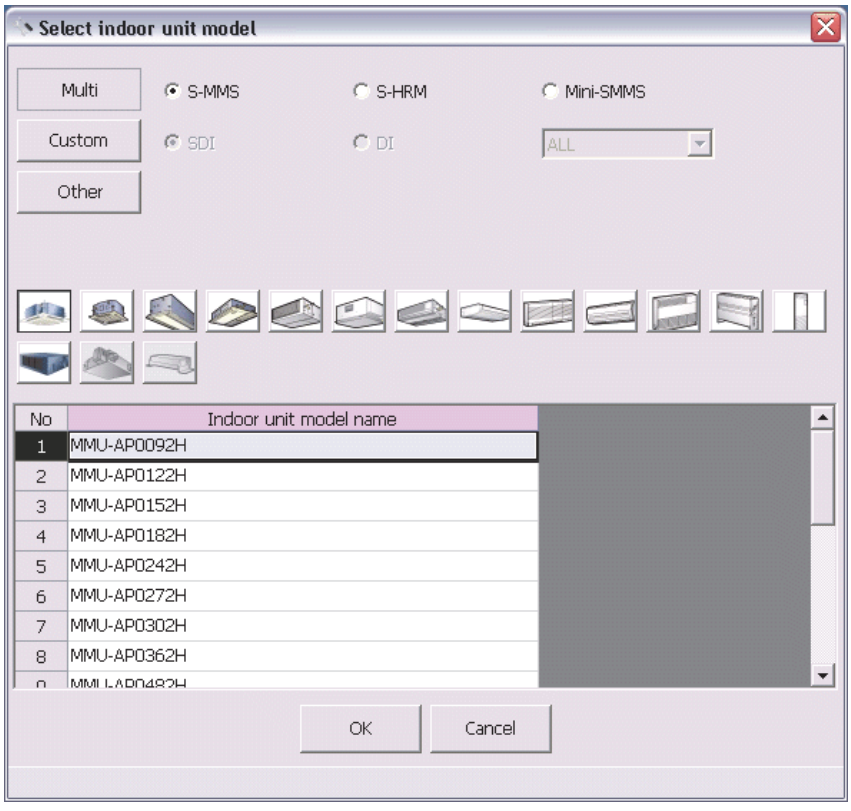


Fig.172 [Select indoor unit model] screen

Copying the Data of an Indoor Unit

Select a line of an indoor unit on the [Indoor] tab (Fig.8), 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.

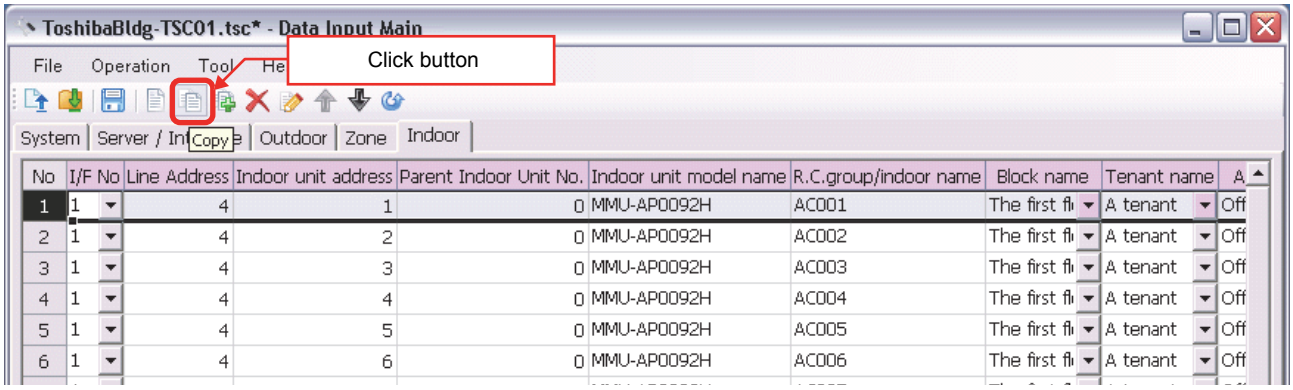


Fig.173 [Indoor] tab (Copy button)

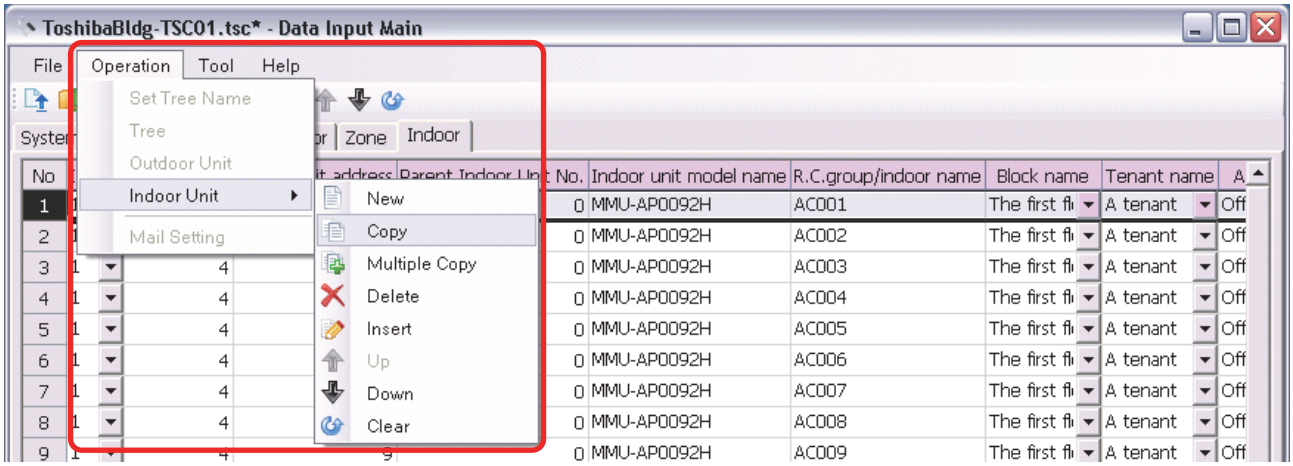


Fig.174 [Indoor] tab (Copy menu)

EN

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.

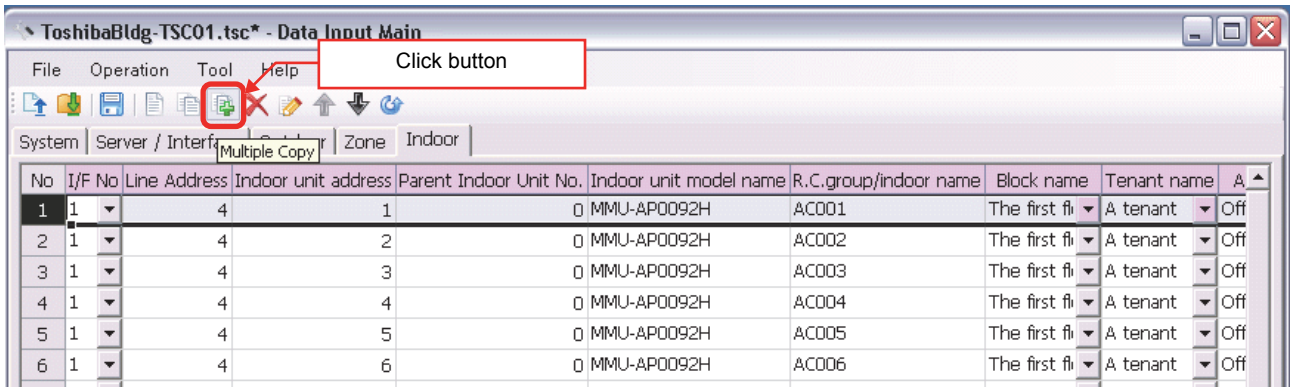


Fig.175 [Indoor] tab (Multicopy button)

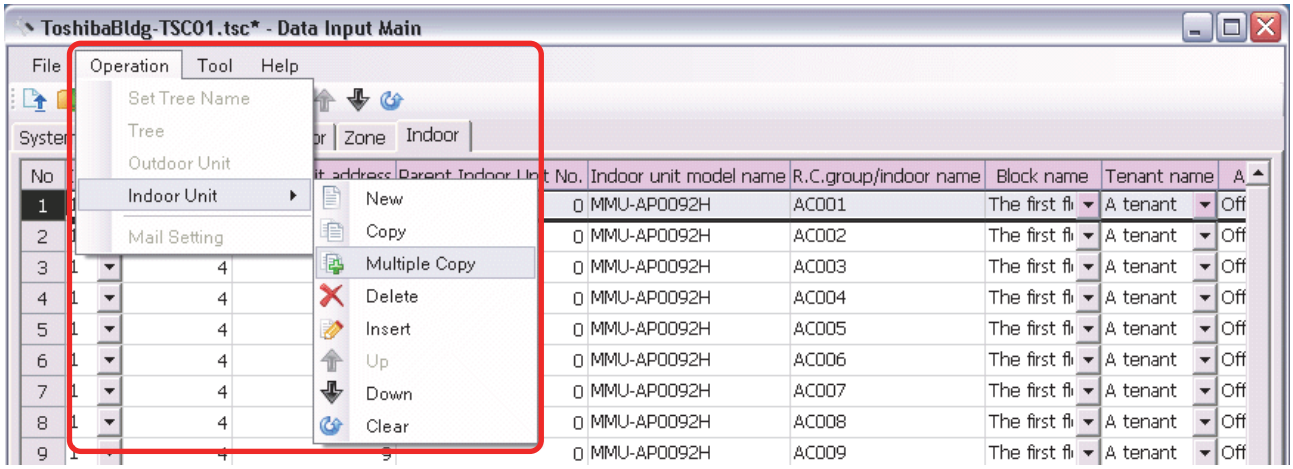


Fig.176 [Indoor] tab (Multicopy menu)

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.

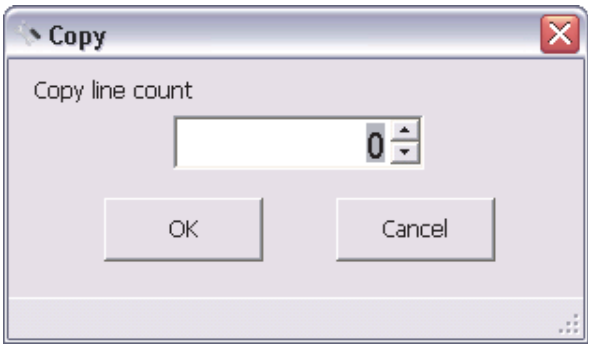


Fig.177 [Copy line count] screen

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].

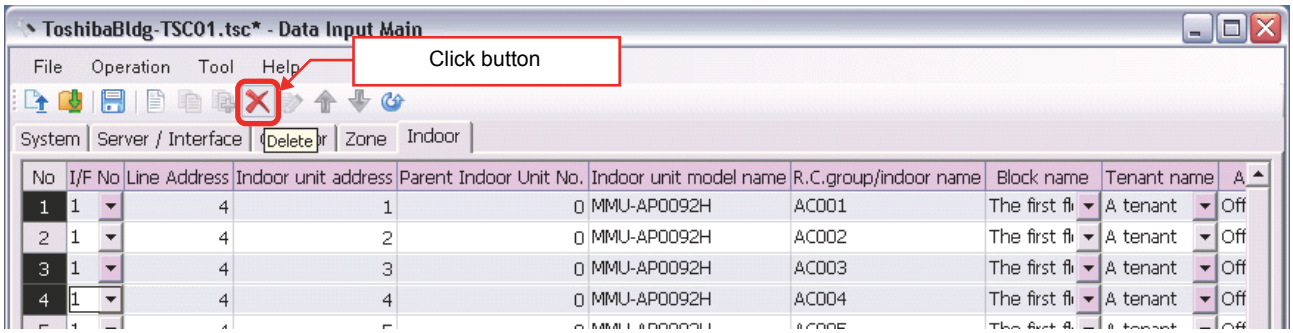


Fig.178 [Indoor] tab (Delete button)

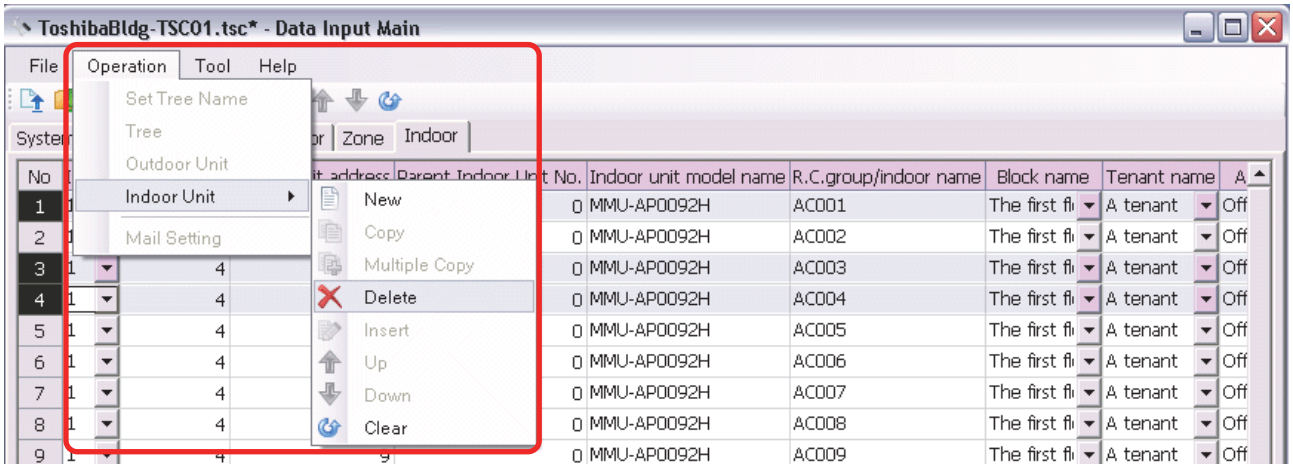


Fig.179 [Indoor] tab (Delete menu)

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.

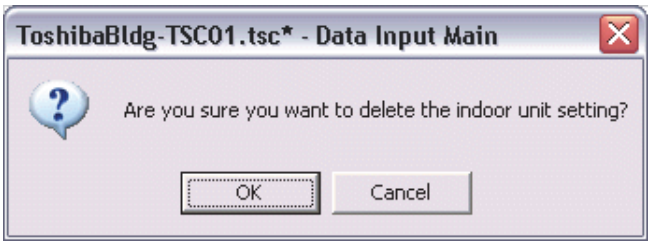


Fig.180 Deletion confirmation dialog box

EN

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.

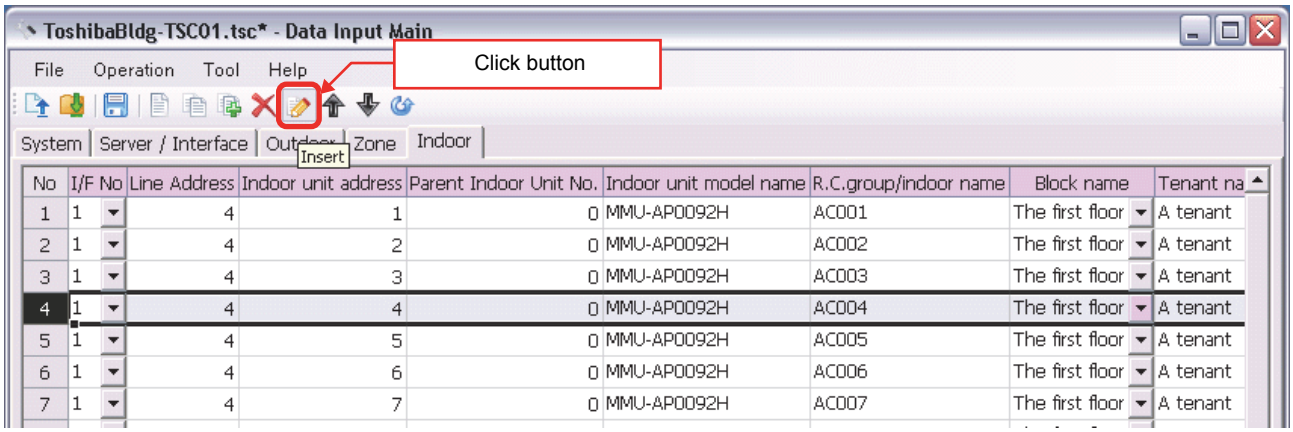


Fig.181 [Indoor] tab (Insert button)

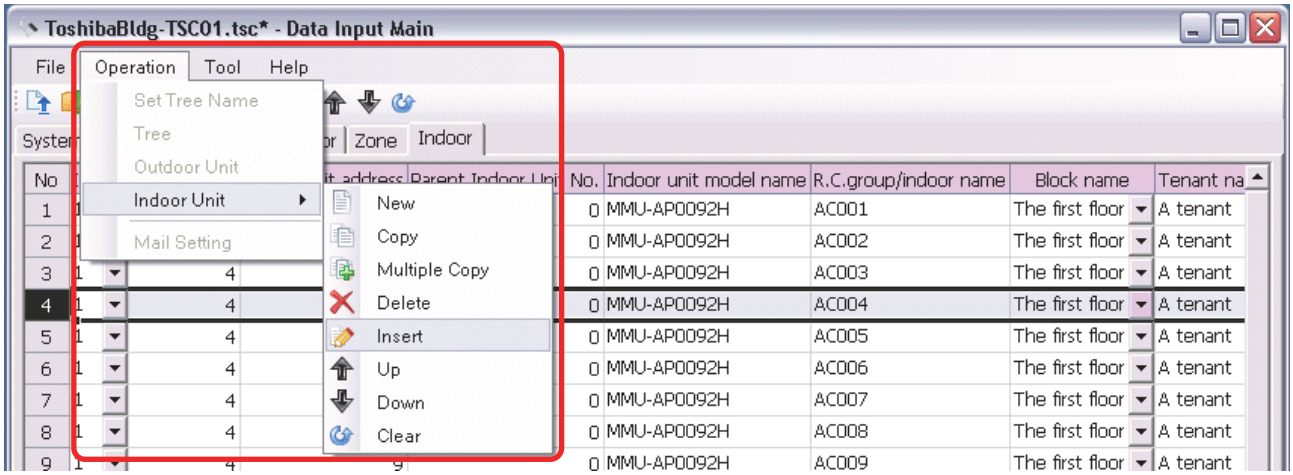


Fig.182 [Indoor] tab (Insert menu)

Changing the Order of the Indoor Units

Select a line of an indoor unit on the [Indoor] tab (Fig.8), and click the [Up] / [Down] button, or select the [Operation] menu > [Indoor Unit] > [Up] / [Down]. The selected line moves up or down.

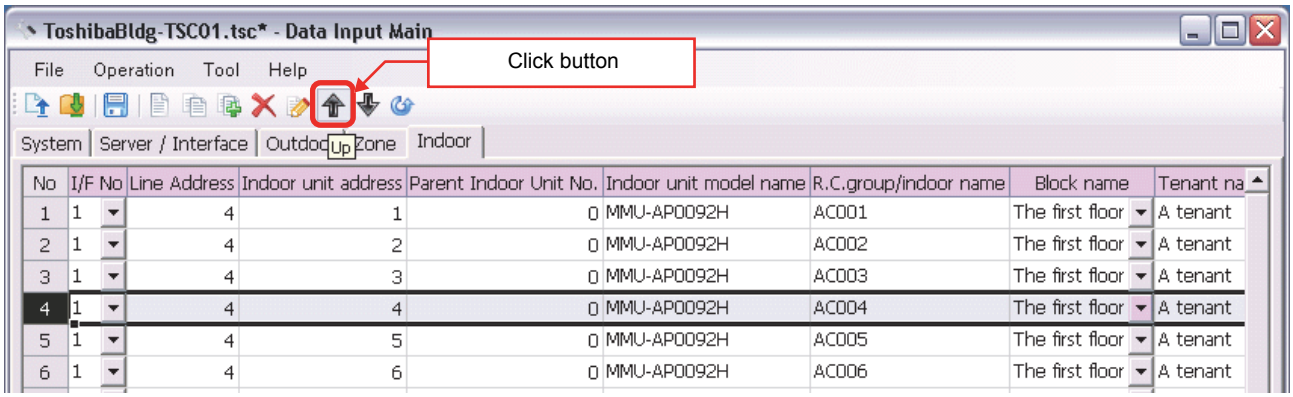


Fig.183 [Indoor Unit] tab (Up button)

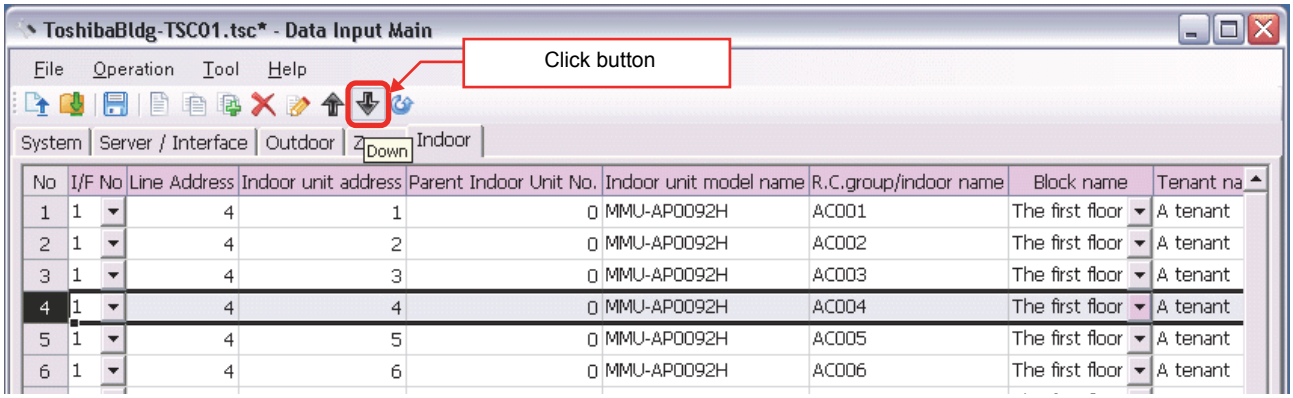


Fig.184 [Indoor Unit] tab (Down button)

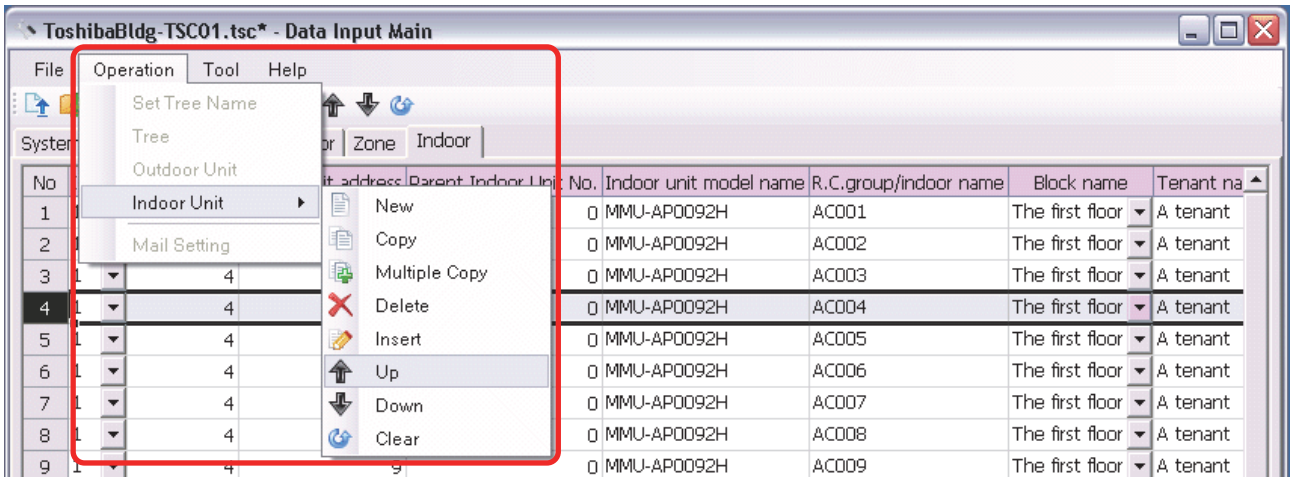


Fig.185 [Indoor Unit] tab (Up menu)

EN

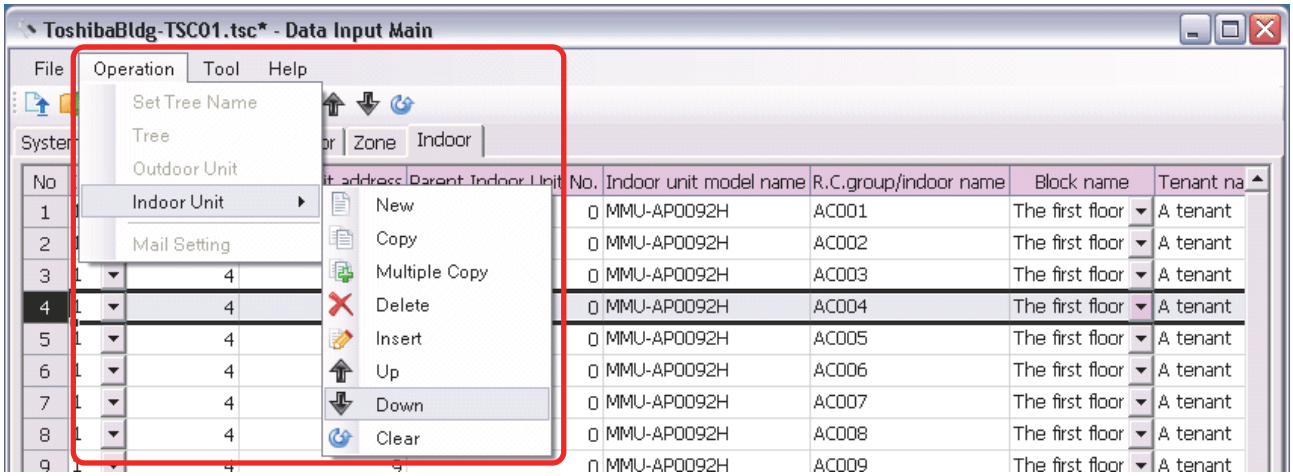


Fig.186 [Indoor Unit] tab (Down menu)

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.

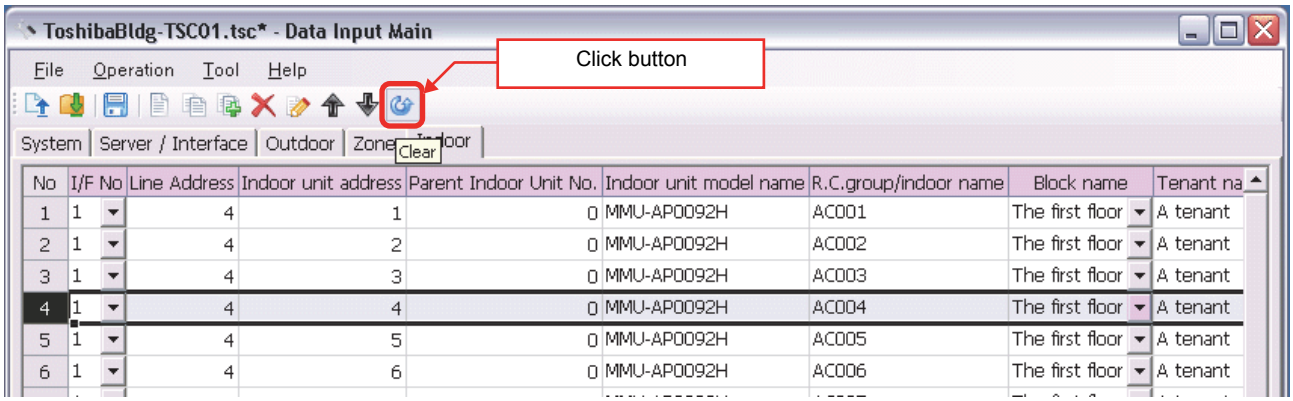


Fig.187 [Indoor Unit] tab (Clear button)

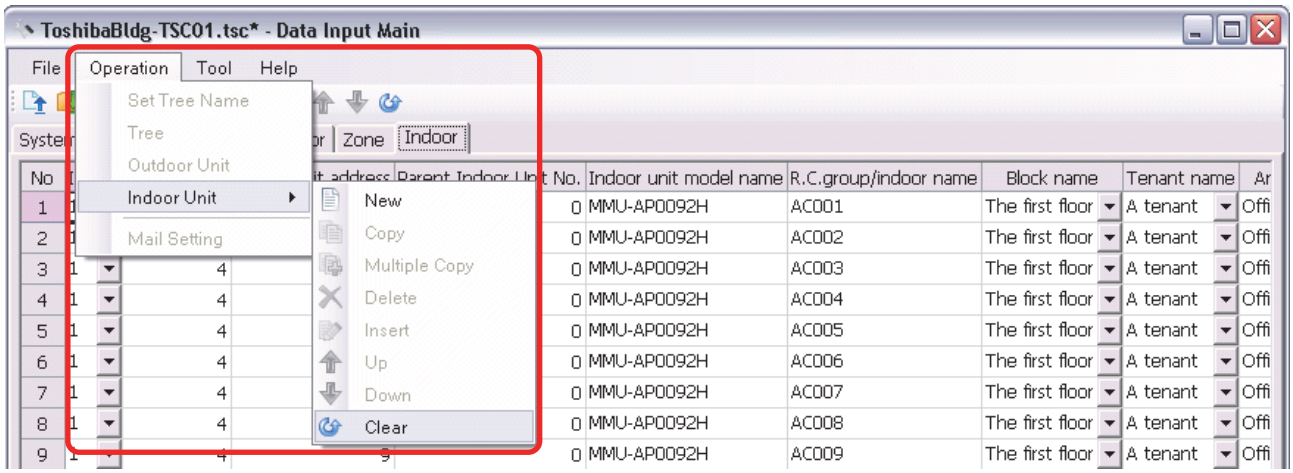


Fig.188 [Indoor Unit] tab (Clear menu)

EN

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.189 [Save] button

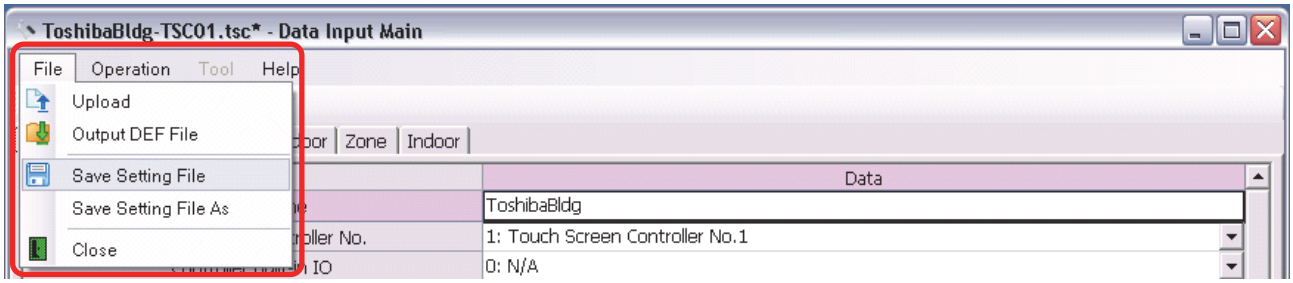


Fig.190 [Save Setting File] menu

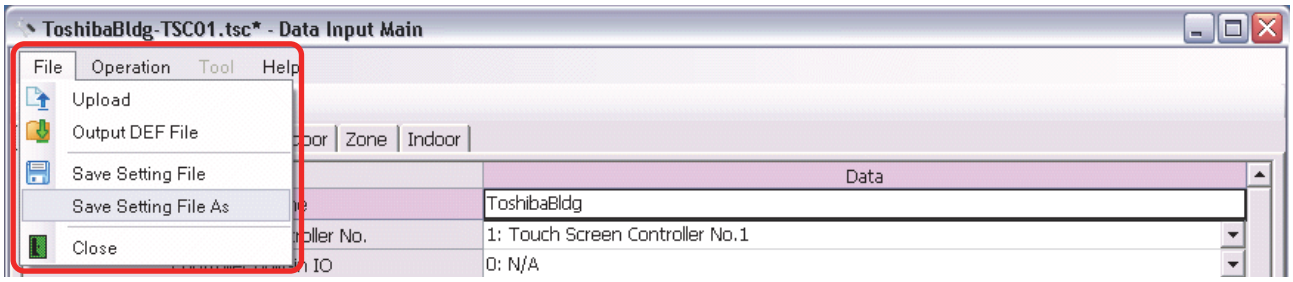


Fig.191 [Save Setting File As] menu

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.

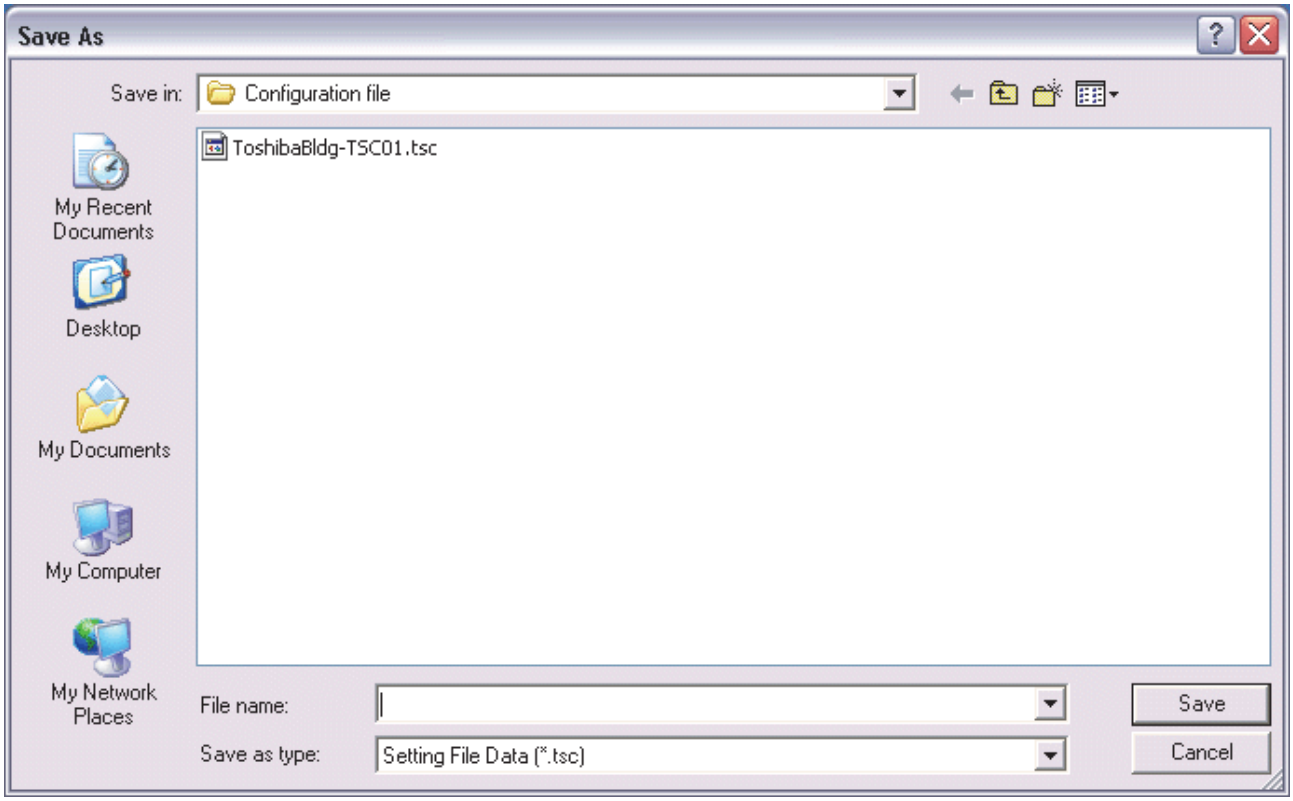


Fig.192 [Save As] screen

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.

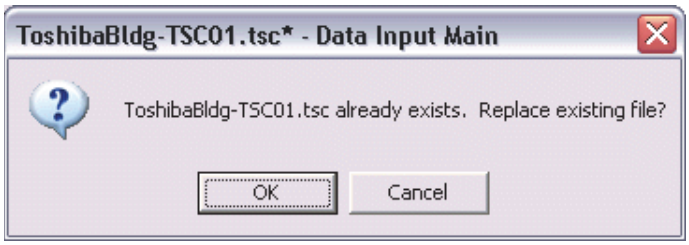


Fig.193 Overwrite confirmation dialog box

Outputting a DEF File

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



Fig.194 [Output File] button

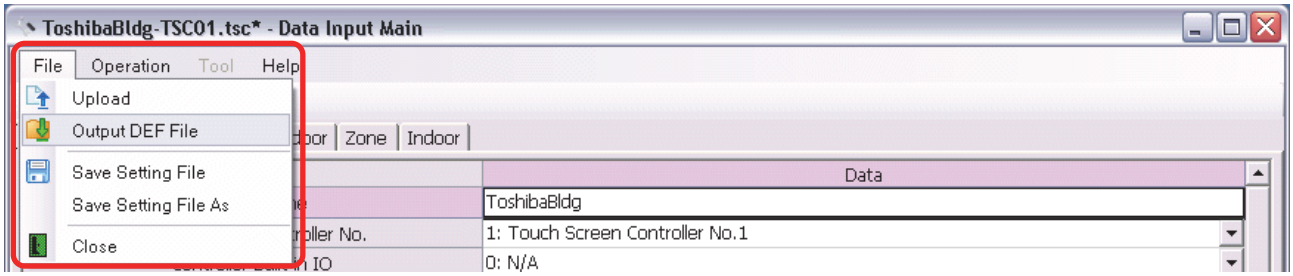


Fig.195 [Output DEF File] menu

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.

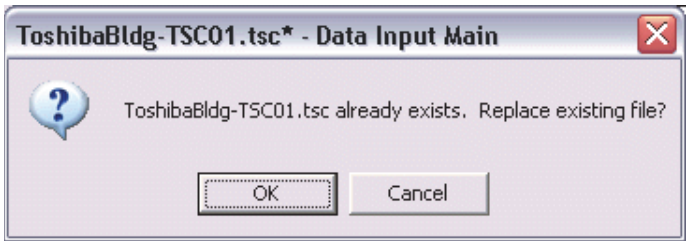


Fig.196 Overwrite confirmation dialog box

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



Fig.197 [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.

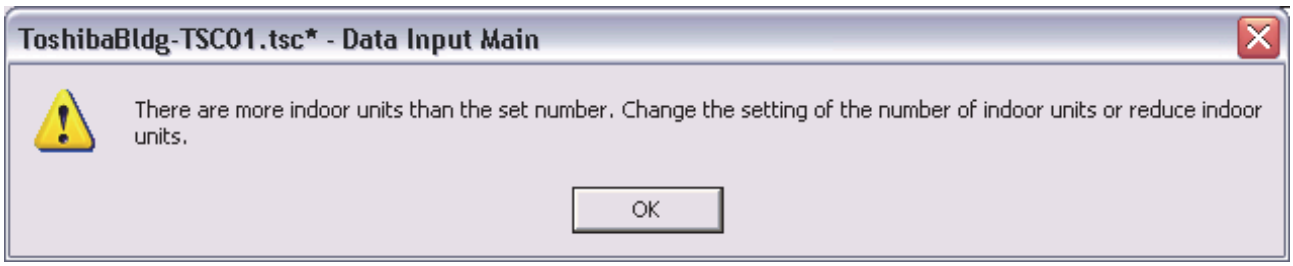


Fig.198 Example of error message box

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.199 DEF file output complete dialog box

EN

Deleting a File History

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

- Delete Selected History
- Delete All

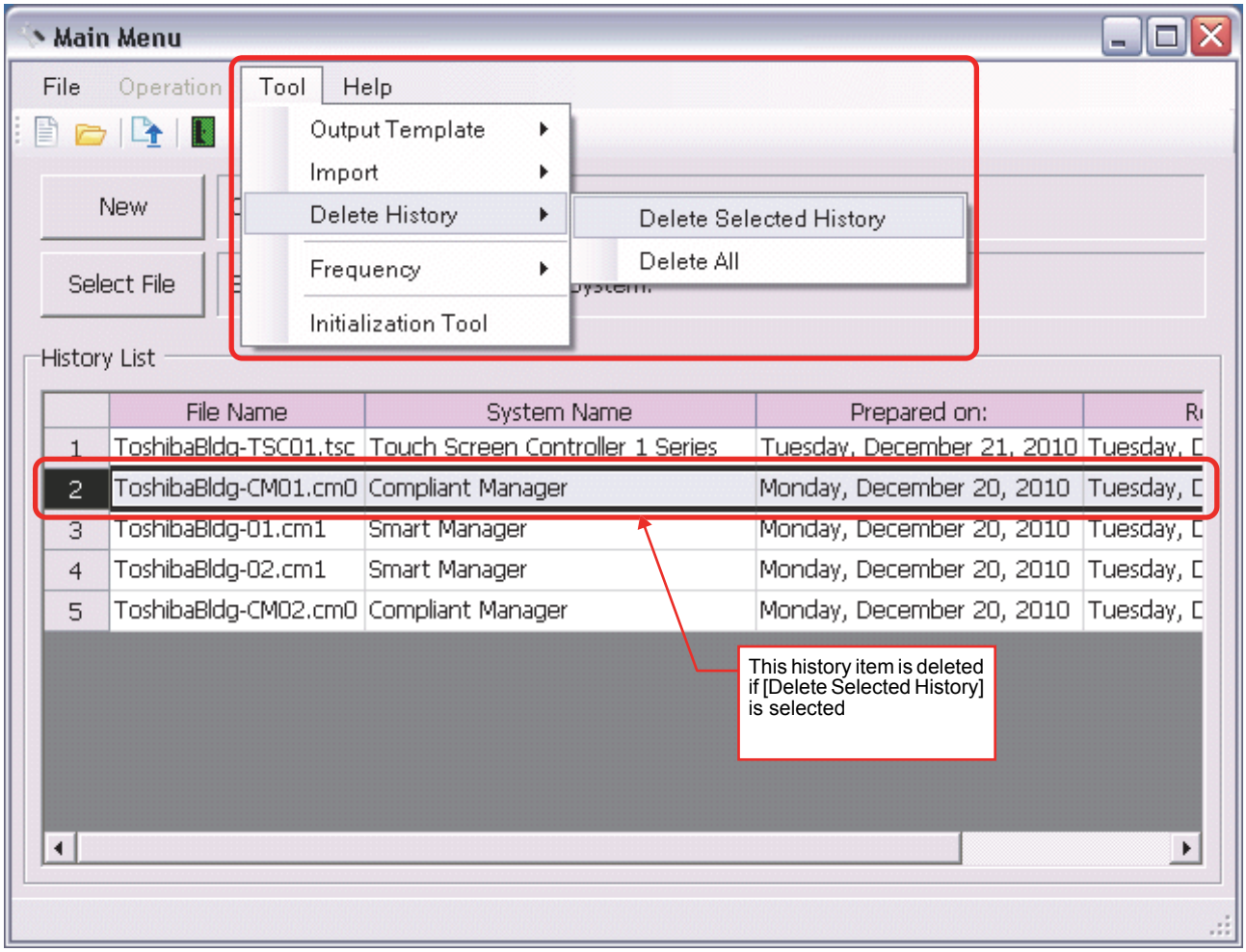


Fig.200 [Main Menu] screen (Delete History)

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.

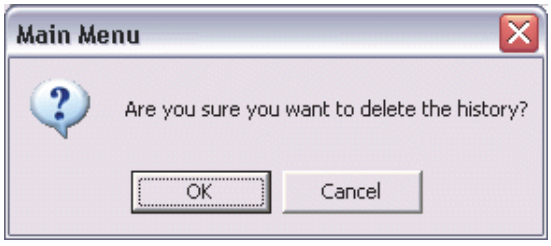


Fig.201 Deletion confirmation dialog box

■ Uploading a Setting File (DEF File)

Uploading a Setting File (DEF File)

Click the [Upload] button or select the [File] menu then [Upload] on the [Main Menu] screen (Fig.2) or [Data Input Main] screen (Fig.4). The Upload Settings screen (Fig.14) appears.

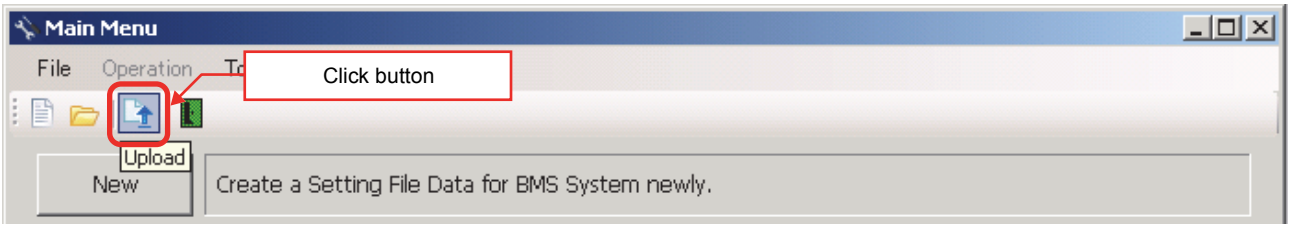


Fig.202 [Main Menu] screen (Upload button)

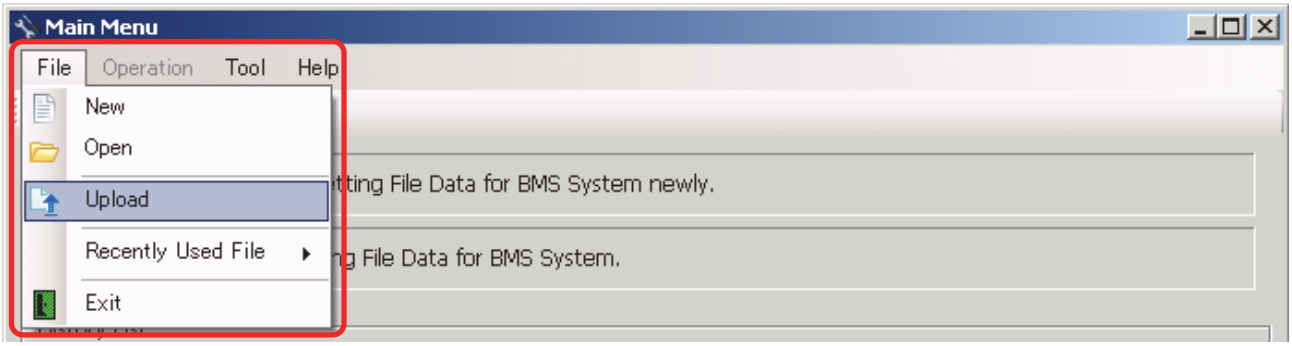


Fig.203 [Main Menu] screen (Upload menu)

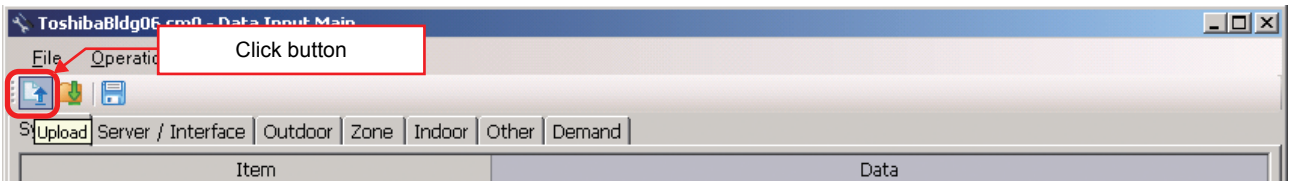


Fig.204 [Data Input Main] screen (Upload button)

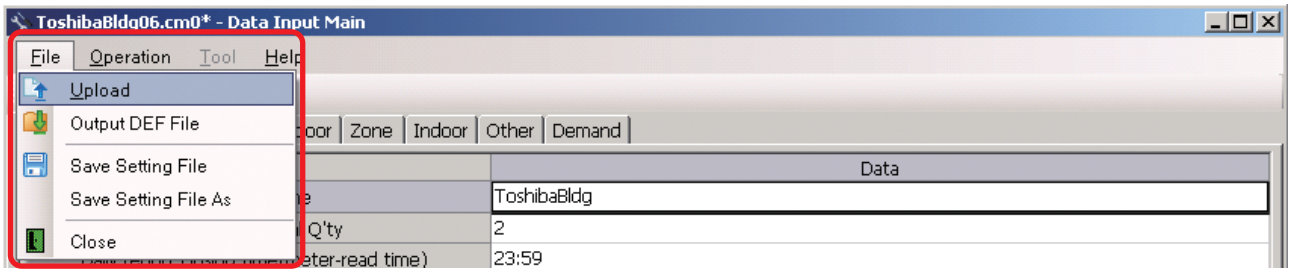


Fig.205 [Data Input Main] screen (Upload menu)

EN

Specifying Setting File Data

Specify the setting file data to upload.

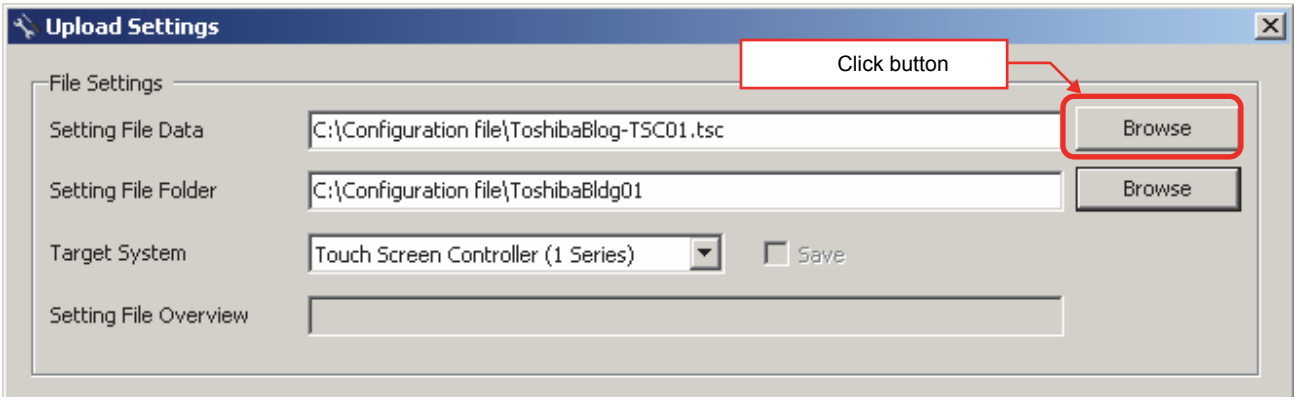


Fig.206 [Upload Settings] screen (Specify file directly)

Select a file on the Open screen.

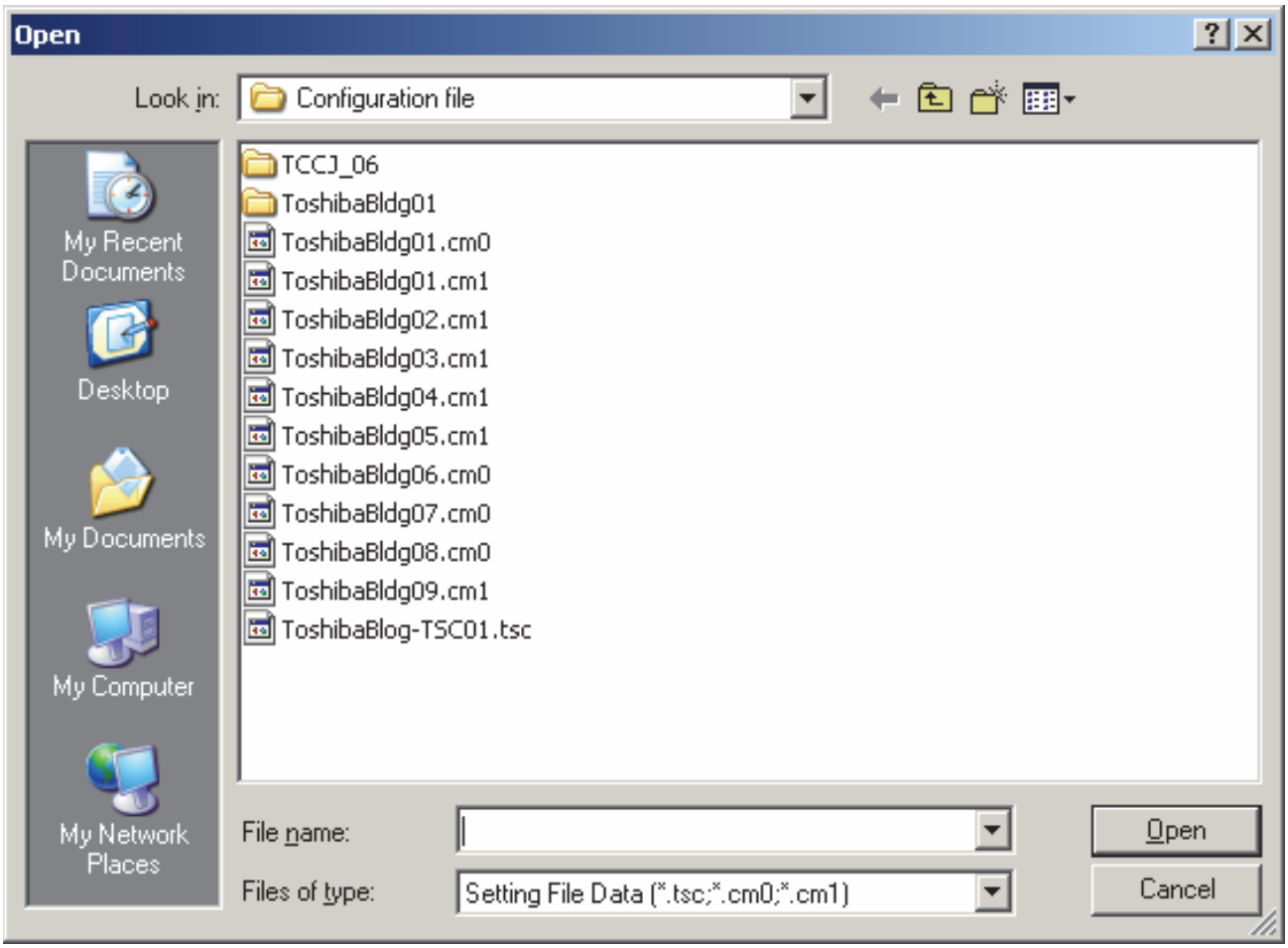


Fig.207 [Open] screen

Specifying a Setting File Folder

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

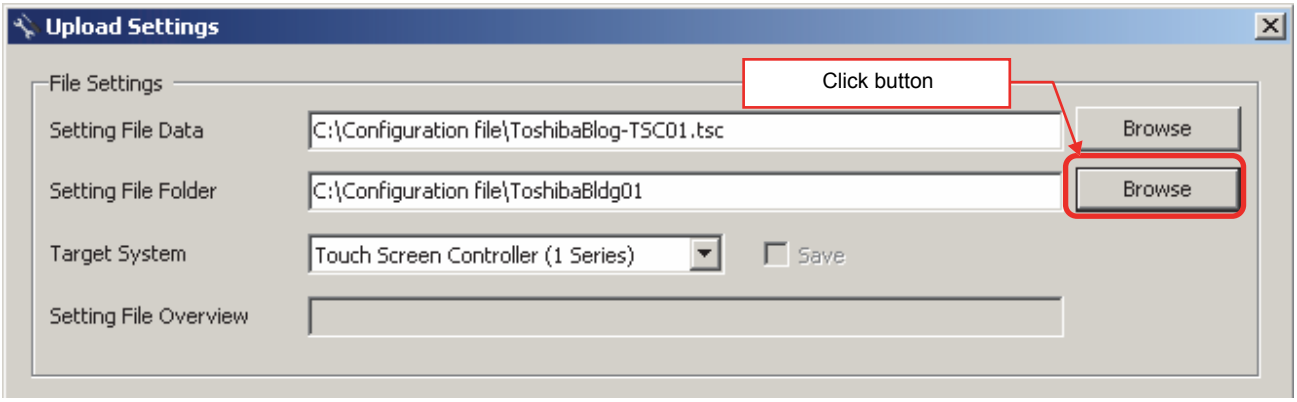


Fig.208 [Upload Settings] screen (Specify folder directly)

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

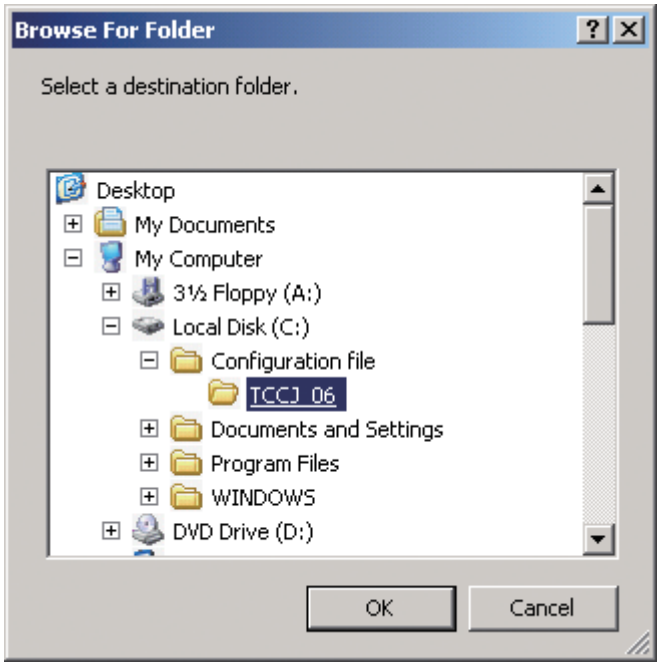


Fig.209 [Browse For Folder] screen

EN

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.

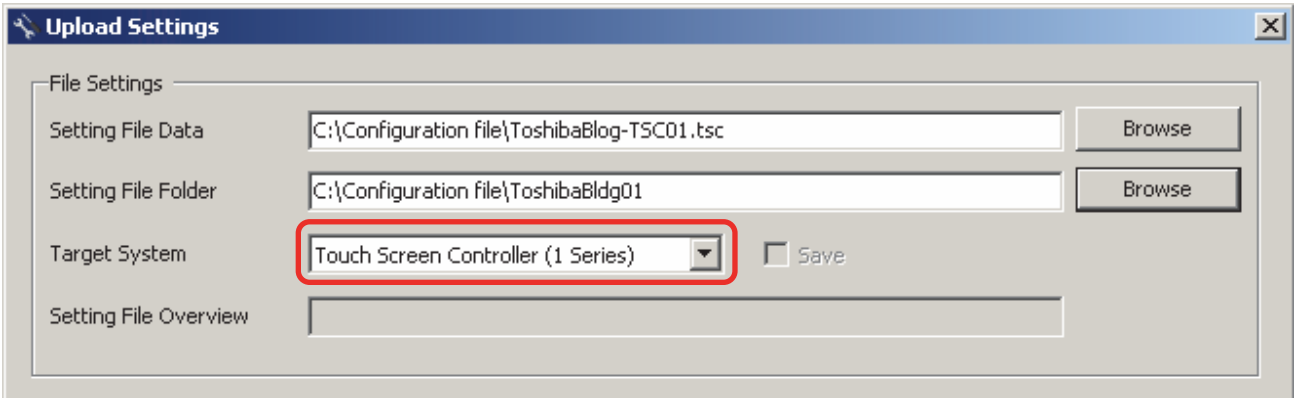


Fig.210 [Upload Settings] screen (Target System)

Specifying an IP Address

Specify the IP address of the destination system.
When setting file data is specified, the address automatically appears.

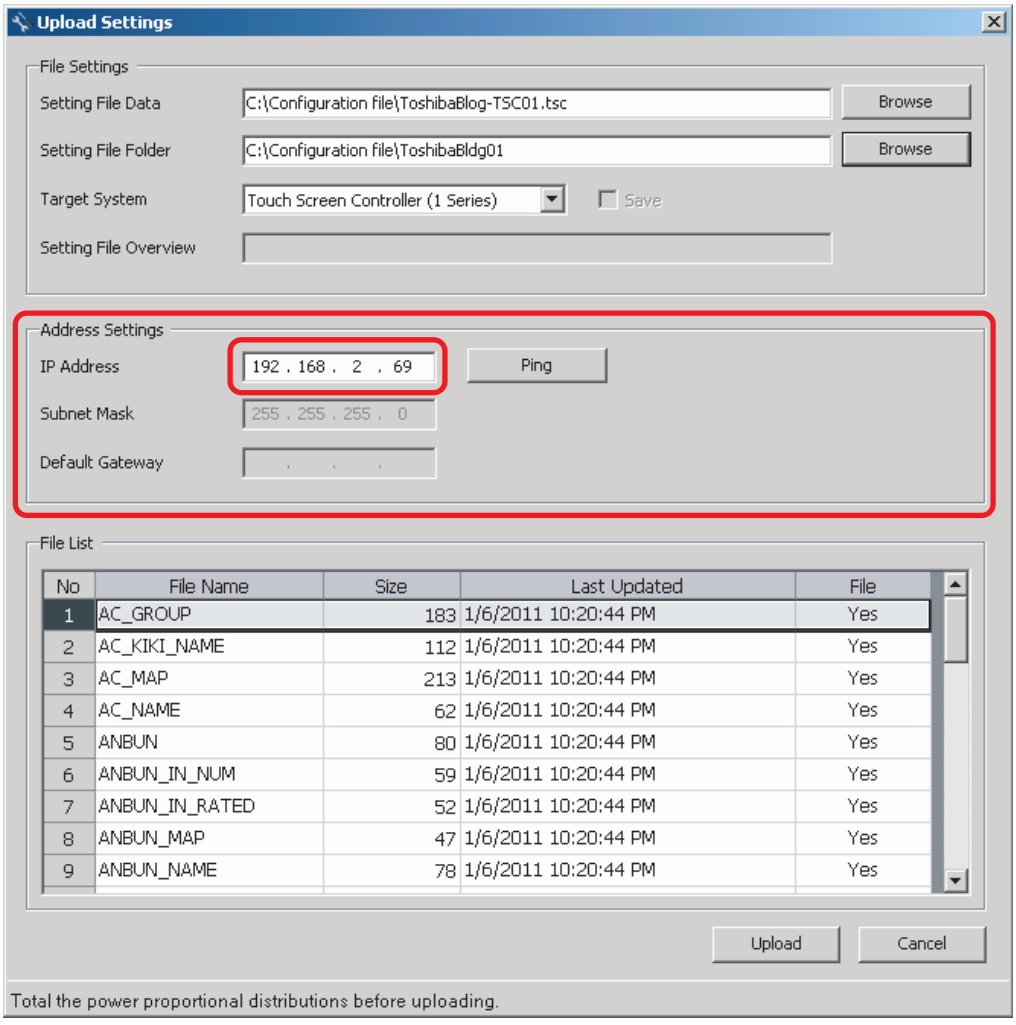


Fig.211 [Upload Settings] screen (IP Address)

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 (Specifying Setting File Data (P62) to Specifying an IP Address (P64)) has been completed, click the Upload button. The upload starts.

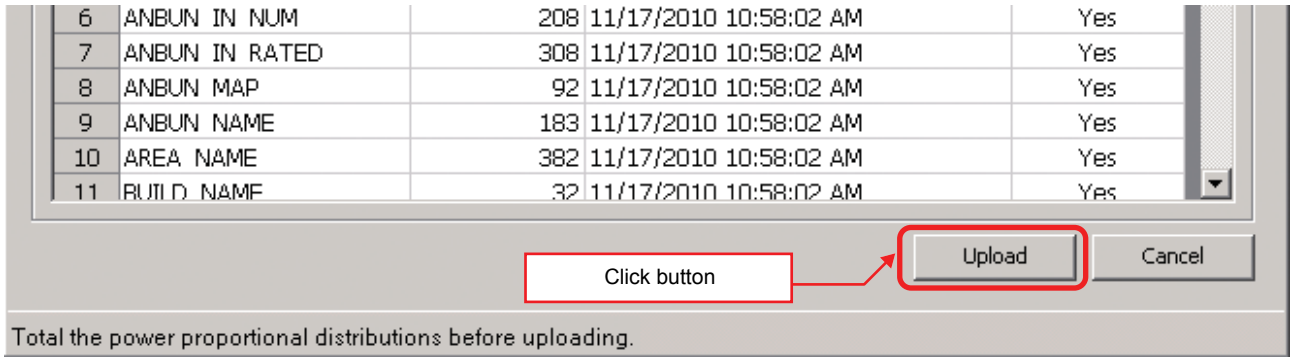


Fig.212 [Upload Settings] screen (Upload button)

The progress bar is displayed during the upload.

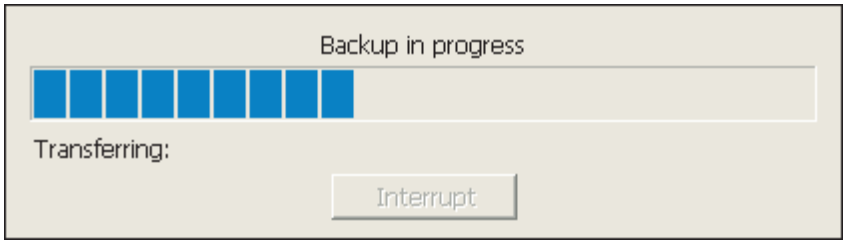


Fig.213 Progress bar

⚠ CAUTION

If Compliant Manager, Smart Manager or Touch Screen Controller is shut down during upload, stored data may be damaged and the controller may not operate.
Do not shut down the controller during upload.

EN

■ 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: ";" ",", control character code)
Touch Screen Controller No.	Touch Screen Controller No.	1: Touch Screen Controller No.1 2: Touch Screen Controller No.2 3: Touch Screen Controller No.3 4: Touch Screen Controller No.4 5: Touch Screen Controller No.5
Controller Built-in IO	Whether the controller built-in IO is used	0: N/A 1: Valid
Indoor unit total Q'ty	Number of indoor units	1 - 512
Daily report closing time	Time when the daily report is output	0:00 – 23:59
Monthly report closing time	Date when the monthly report is output	1 - 31
Lock Linkage Mode	Lock linkage mode pattern	0: Setting No.0 1: Setting No.1 2: Setting No.2 3: Setting No.3
Scheduled operation central setting	Scheduled operation central setting	0: No scheduled operation central setting 1: Setting No.1 2: Setting No.2 3: Setting No.3
Energy Monitoring	Whether the energy monitoring is used and the distribution mode is selected	0: Void 1: Valid(Distribution by capacity demand)
Stand-by power counting	Select the distribution mode of outdoor heater capacity	1: Proportional sharing on indoor unit horse power codes. 2: Equal sharing on indoor units Q'ty 3: Distribution of power consumption except compressor warmer to tenants.
Whole building display mode	Display mode setting	0: Block 1: Tenant 2: Area 3: R.C.group / indoor
Number of block display buttons	Number of buttons	1 - 10
Number of tenant display buttons	Number of buttons	1 - 10
Number of area display buttons	Number of buttons	1 - 10
Number of R.C.group / indoor display buttons	Number of buttons	1 - 10
Schedule setting unit	Schedule unit	0: Area unit 1: R.C.group / indoor
Filter sign display mode	Filter sign display mode	0: not display 1: display
Back light save count (minutes)	Backlight off time	0 - 99
Words in error code definition file	Language of error codes	1: English 2: Chinese (Simplified) 4: Deutsch 5: Espanol 6: Francais 7: Italiano

The following table shows the operations of Lock Linkage Mode:

Setting	Lock (OFF > ON)	Unlock (ON > OFF)
0: Setting No.0	Stop	No effect
1: Setting No.1	Stop	Release "Run – Stop" switch prohibition
2: Setting No.2	Stop + Prohibit "Run – Stop" switch	Release "Run – Stop" switch prohibition
3: Setting No.3	Stop	Run

The following table shows the operations of Schedule setting unit:

Setting	Stop (10 minutes or later)	Stop (within 10 minutes)	Run
0: No scheduled operation central setting	Stop	Stop	Run
1: Setting No.1	Stop + Release "Run – Stop" switch prohibition	Stop + Release "Run – Stop" switch prohibition	Run + Release "Run – Stop" switch prohibition
2: Setting No.2	Stop + Release "Run – Stop" switch prohibition	Stop + Prohibit "Run – Stop" switch	Release "Run – Stop" switch prohibition
3: Setting No.3	Stop + Release "Run – Stop" switch prohibition	Stop + Prohibit "Run – Stop" switch	Run + Release "Run – Stop" switch prohibition

Server Setting Tab

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

Item	Content	Data type / range
IP Address	IP address of the Web server	Numeric value
Subnet Mask	Subnet mask of the Web server	Numeric value
Default Gateway	Gateway of the Web server	Numeric value
TCS-net Relay Interface Q'ty	Number of TCS-net relay interfaces	1 - 12
Digital I/O Relay Interface Q'ty	Number of digital I/O interfaces	0 - 8
Energy Monitoring Relay Interface Q'ty	Number of energy monitoring interfaces	0 - 8

Interface Address Tab

The following table shows the settings configured on the Interface Address tab:

Item	Content	Data type / range
TCS-net relay Interface		
Address Data	Interface number	1-12
Energy Monitoring Relay Interface		
Address Data	Interface number	1 - 8
Digital I/O Relay Interface		
Address Data	Interface number	1 - 8

EN

Interface Setting Tab

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

Item	Content	Data type / range
Energy Monitoring Relay Interface		
I/O Function	Select the I/O function	0 : No setting 4 : Power Meter Signal Input
Pulse constants(kWh / pulse)	Set the pulse constants	0.1 – 99.9
Digital I/O Relay Interface		
I/O Function	Select the I/O function	0 : No setting 1 : Fire Alarm Input 2 : Door Lock Input
Signal logic	Select the signal logic	0 : negative logic 1 : positive logic
Controller Built-in IO		
I/O Function	Select the I/O function	0 : No setting 1 : Fire Alarm Input 2 : Door Lock Input
Signal logic	Select the signal logic	0 : negative logic 1 : positive logic

Outdoor Tab

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

Item	Content	Data type / range
IF No	Select the TCS-net Relay Interface address	1 - 12
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 unit address	Unit number	1 only
Power meter input name	Select the input name for energy monitoring	No setting WHE-1-1_1 - WHE-1-8_8

Zone Tab

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

Item	Content	Data type / range
Name	Zone name	Characters (Up to 100 bytes, Forbidden: ";" ",", control character code)
Tally Classifications	Select the tally classification	0: N/A 1: Common use area 2: Tenant
Monthly report tenant name	Select the monthly report tenant name	No setting Monthly report tenant name list

⚠ CAUTION

Fire alarm function that described in this manual can not be used with UL-approved system (Model: BMS-SM1281HTLUL).

Indoor Tab

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

Item	Content	Data type / range
IF No	Select the TCS-net relay interface address	1 - 12
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 – 512: 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: ";" ":", single-byte space, double-byte space, control character code)
Block name	Select the block	No setting Block name list
Tenant name	Select the tenant	No setting Tenant name list
Area name	Select the area	No setting Area name list
Door-lock input name	Select the input name for lock linkage	No setting DIO-1-1_IN-1 - DIO-1-8_IN-8TP_IN-1 - TP_IN-3
Fire alarm input name	Select the input name for fire alarm linkage	No setting DIO-1-1_IN-1 - DIO-1-8_IN-8TP_IN-1 - TP_IN-3
Power meter input name	Select the input name for energy monitoring	No setting WHE-1-1_1 - WHE-1-8_8
General purpose interface Energy Coefficient (kWh)	General purpose Interface energy Coefficient	Can be entered
Air Conditioner No.	Air-conditioner number	1 - 512

⚠ CAUTION

Fire alarm function that described in this manual can not be used with UL-approved system (Model: BMS-SM1281HTLUL).

EN

8 Initialization Tool

■ Initialization Tool

The Initialization Tool resets the air-conditioner setting file data stored on the Touch Screen Controller, Compliant Manager, and Smart Manager, such as the schedule data, alarm history data, and daily / monthly report data, to the factory settings.
The tool contains the Restore function, which restores using data backed up with Data Download Software or backed up during initialization.

⚠ CAUTION

Perform "Initialize System" before restoring. Otherwise, the Monthly Report Creation Software may not work correctly.

■ Starting / Exiting the Initialization Tool

Starting the Initialization Tool

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

Menu of the Setting File Creation Software for North America

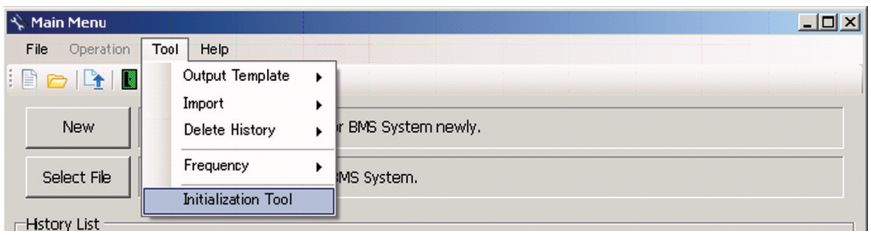


Fig.214 [Main Menu] screen (Initialization Tool)

Windows menu

Select [Start] > [All Programs] > [Toshiba] > [Setting File Creation Software for North America] > [Initialization Tool].

Exiting the Initialization Tool

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

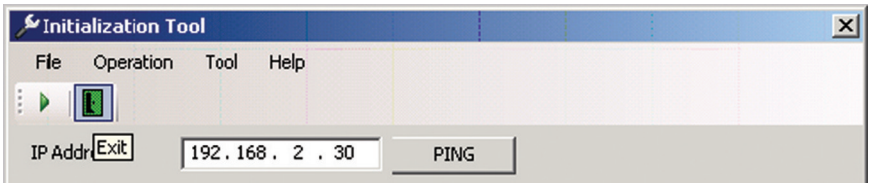


Fig.215 [Main Menu] screen (Close button / Exit button)

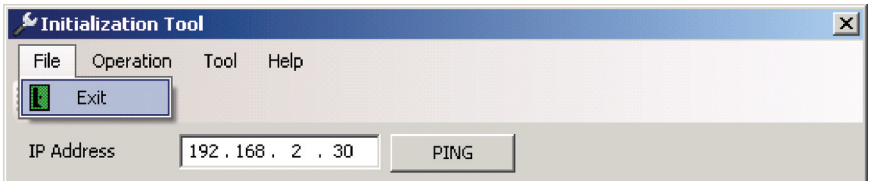


Fig.216 [Main Menu] screen (Exit menu)

The exit confirmation dialog box appears.
Click [Yes] to exit, or [No] to cancel exiting.

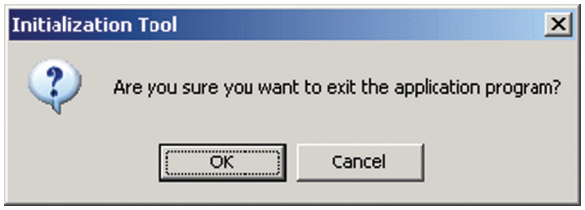


Fig.217 Exit confirmation dialog box

EN

■ Initializing Data in a Target System

Stored daily / monthly report files are deleted from the target system if a setting file is initialized or specific data (Report data files) is deleted.
Before performing this function, save registered power distribution data with Data Download Software.

Initializing a Setting File

When a setting file is initialized, the schedule data, alarm history, and daily / monthly report files 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.219)**
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:\Documents and Settings\All Users\Application Data\Toshiba Carrier Corporation\Initialization Tool\backup" in Windows XP, or "C:\Program Data\Toshiba Carrier Corporation\Initialization Tool\backup" in Windows Vista/7. 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.**

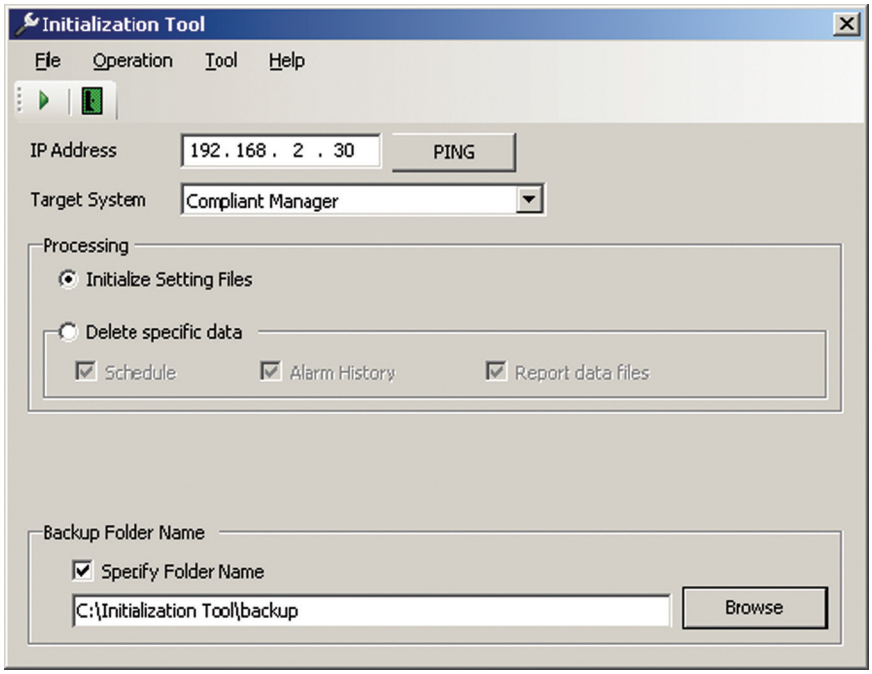


Fig.218 [Initialization Tool] screen

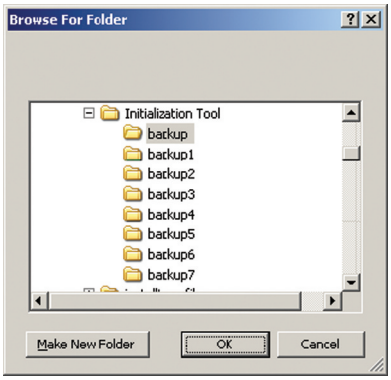


Fig.219 [Browse For Folder] screen

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



Fig.220 [Initialization] screen (Execute button / Execute menu)

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

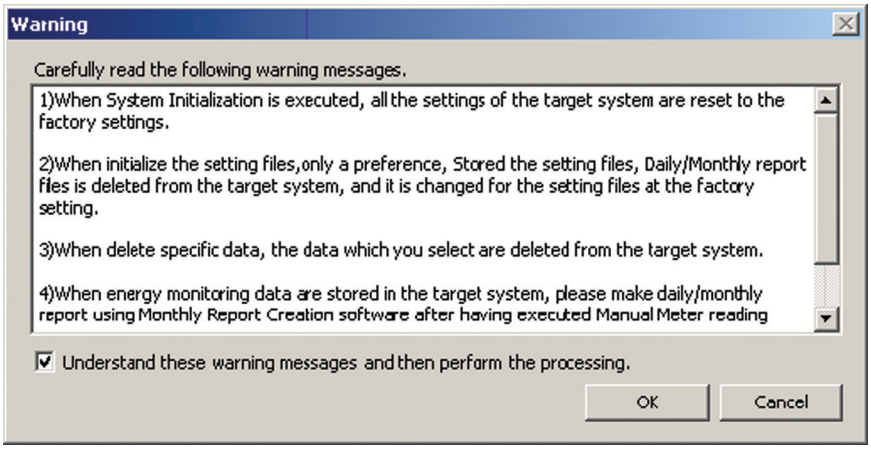


Fig.221 [Warning] screen

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

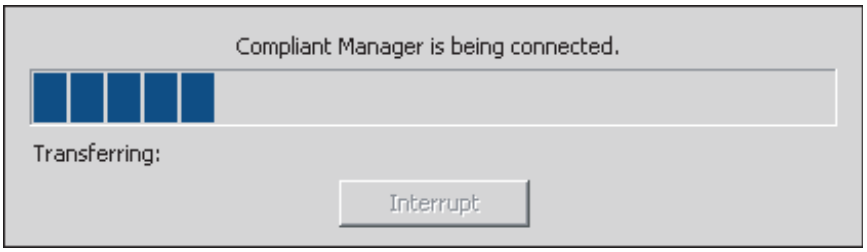


Fig.222 Progress bar

EN

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.

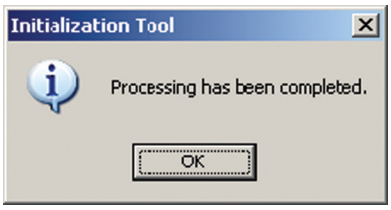


Fig.223 Completion dialog box

Deleting Specific Data

Follow the procedure below:

1 **Specify an IP address.**

2 **Select the target system.**

3 **Select [Delete specific Data].**

4 **Select data to delete.**
[Schedule], [Alarm History], and [Report data files] can be selected. All the schedules of execution, master, and charges will be deleted.

5 **Specify a backup folder. (Fig.225)**
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:\Documents and Settings\All Users\Application Data\Toshiba Carrier Corporation\Initialization Tool\backup" in Windows XP, or "C:\Program Data\Toshiba Carrier Corporation\Initialization Tool\backup" in Windows Vista/7. This folder is a hidden folder. To show the folder, you need to change the "Folder Options" settings.

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

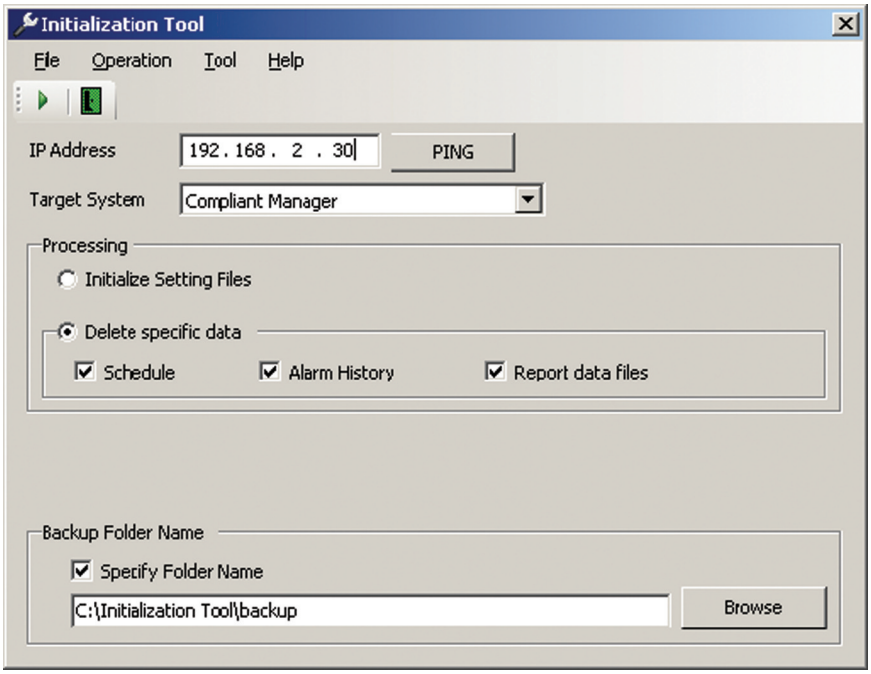


Fig.224 [Initialization Tool] screen

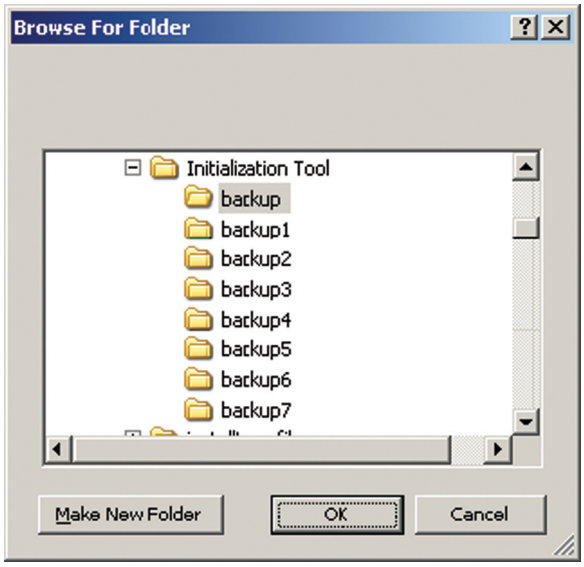


Fig.225 [Browse For Folder] screen

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



Fig.226 [Initialization] screen (Execute button / Execute menu)

EN

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

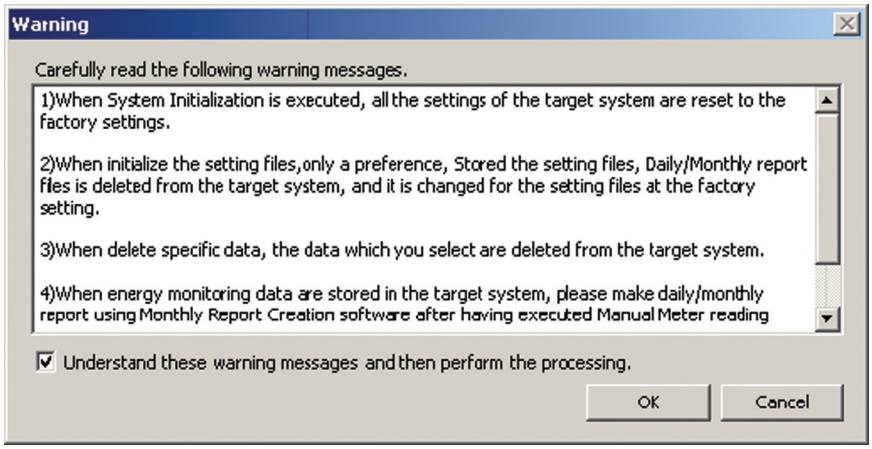


Fig.227 [Warning] screen

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

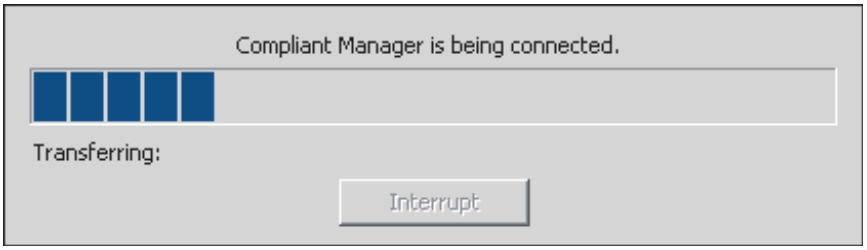


Fig.228 Progress bar

10 **If the initialization is completed successfully, the completion dialog box appears.**

11 **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.

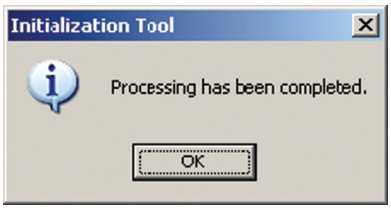


Fig.229 Completion dialog box

■ Initializing a System

You can reset a target system to its default settings. All data in the system will be deleted.

Follow the procedure below:

1 **Specify an IP address.**

2 **Select the target system.**

3 **Specify a backup folder. (Fig.231)**
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:\Documents and Settings\All Users\Application Data\Toshiba Carrier Corporation\Initialization Tool\backup" in Windows XP, or "C:\Program Data\Toshiba Carrier Corporation\Initialization Tool\backup" in Windows Vista/7. This folder is a hidden folder. To show the folder, you need to change the "Folder Options" settings.

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

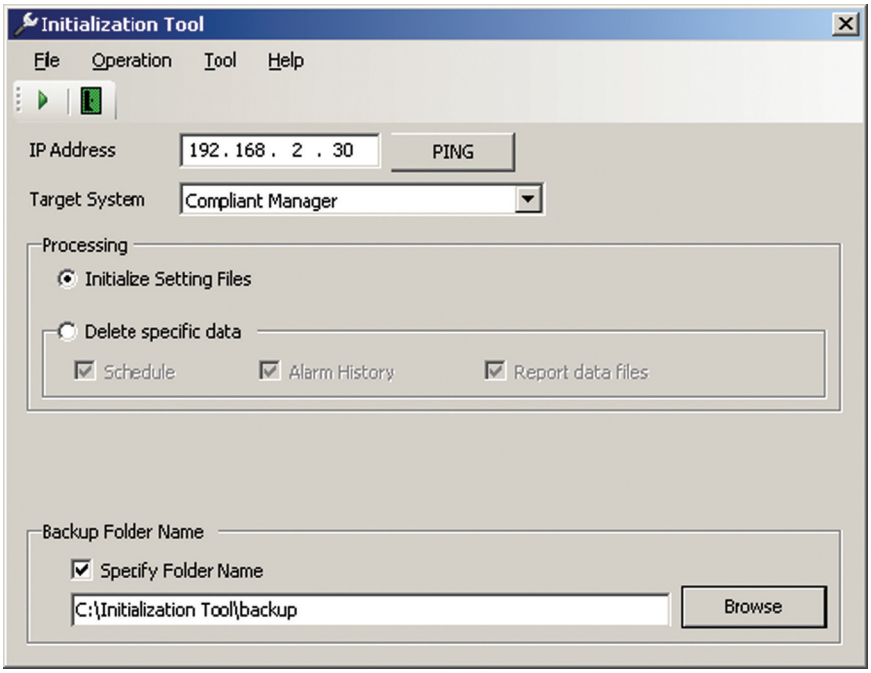


Fig.230 [Initialization Tool] screen

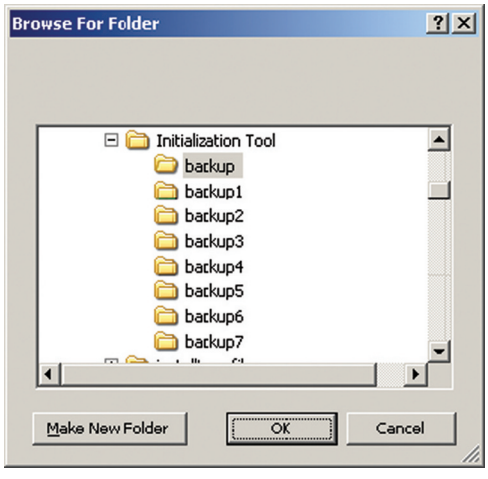


Fig.231 [Browse For Folder] screen

EN

5 **Select the [Tool] menu then [Initialize System].**

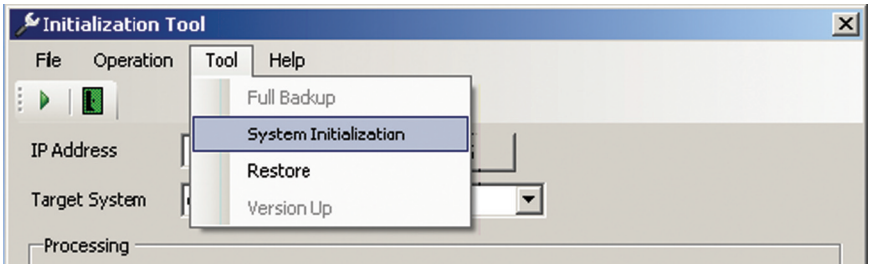


Fig.232 [Initialization] screen (Initialize System menu)

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

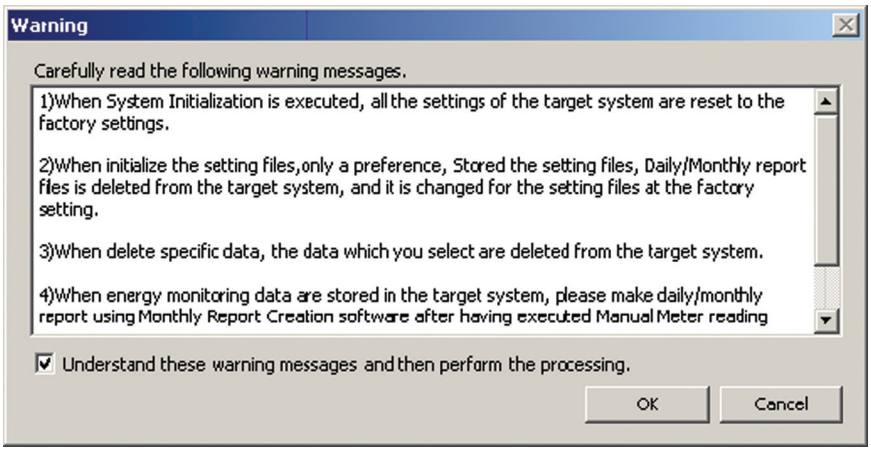


Fig.233 [Warning] screen

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

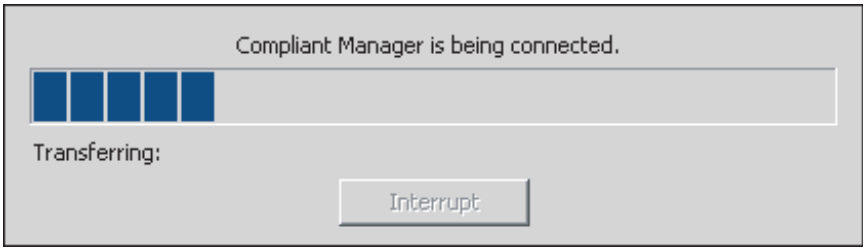


Fig.234 Progress bar

8 **If the initialization is completed successfully, the completion dialog box appears.**

9 **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.

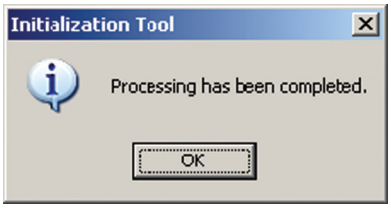


Fig.235 Completion dialog box

■ Restoring Data

You can restore data in a target system from backup using data automatically backed up with Initialization Tool or Data Download Software.
Note that all current data in the system will be deleted.
Perform "Initialize System" before restoring. Otherwise, the Monthly Report Creation Software may not work correctly.

Follow the procedure below:

1 **Specify an IP address.**

2 **Select the target system.**

3 **Specify a backup folder. (Fig.237)**
A backup folder can be specified before restoring data. If you do not specify a backup folder, the data will be backed up to "C:\Documents and Settings\All Users\Application Data\Toshiba Carrier Corporation\Initialization Tool\backup" in Windows XP, or "C:\Program Data\Toshiba Carrier Corporation\Initialization Tool\backup" in Windows Vista/7. This folder is a hidden folder. To show the folder, you need to change the "Folder Options" settings.

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

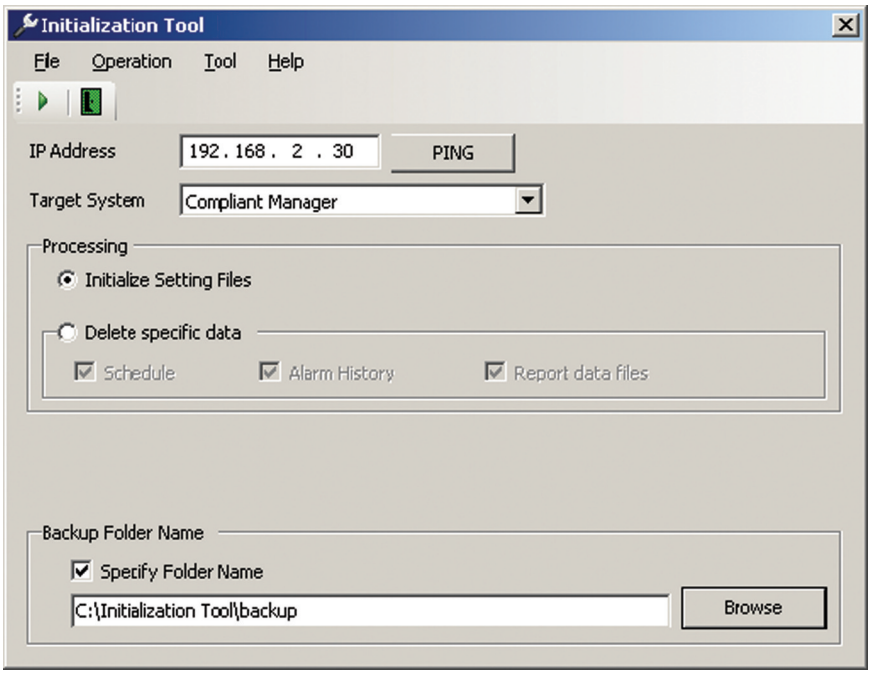


Fig.236 [Initialization Tool] screen

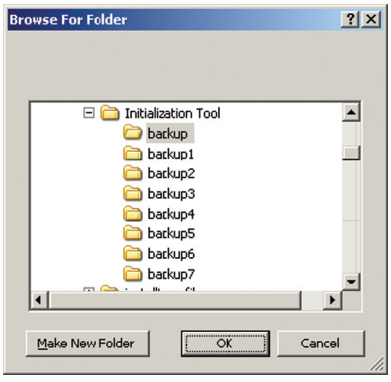


Fig.237 [Browse For Folder] screen

EN

5 **Select the [Tool] menu then [Restore].**

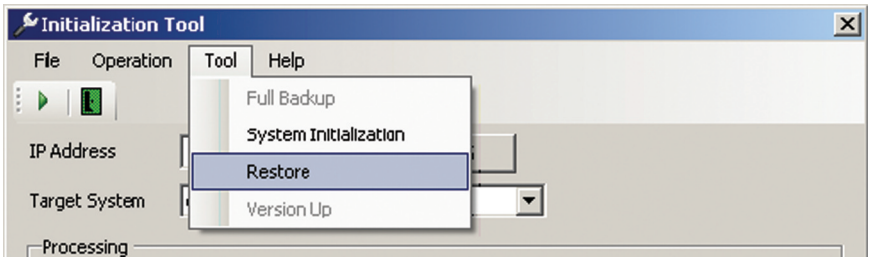


Fig.238 [Initialization] screen (Restore menu)

6 **The Check Destination Folder screen appears.**

7 **Click the Browse button, and select the folder containing the restored data on the displayed Browse For Folder screen (Fig.240).**

8 **Click the OK button.**

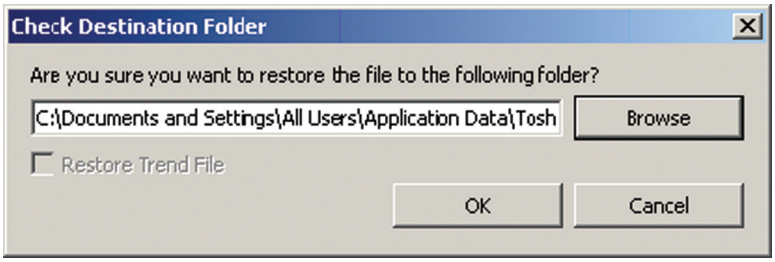


Fig.239 [Check Destination Folder] screen

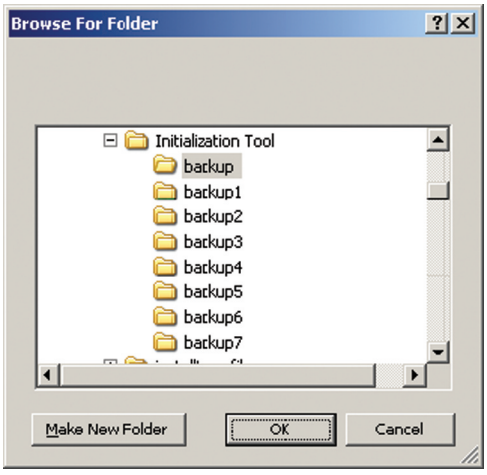


Fig.240 [Browse For Folder] screen

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

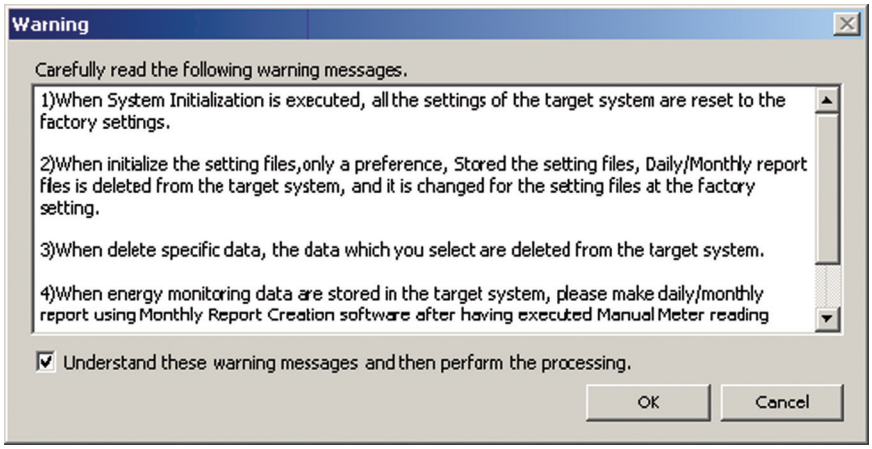


Fig.241 [Warning] screen

10 **Click the [OK] button.**
The Restoration starts, and the progress bar appears.

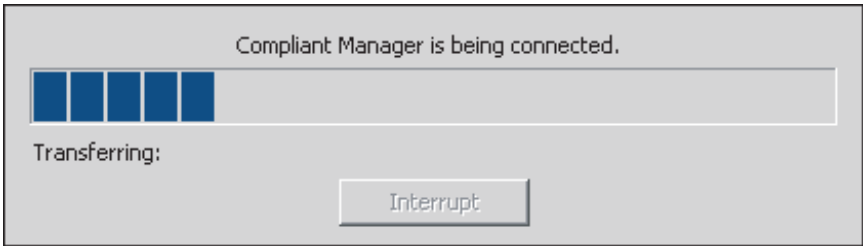


Fig.242 Progress bar

11 **If the restoration is completed successfully, the completion dialog box appears.**

12 **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.

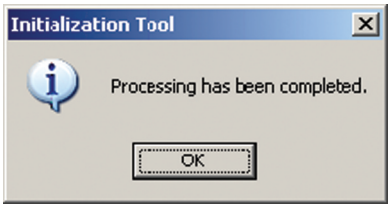


Fig.243 Completion dialog box

EN

■ Checking the Version Information

Select the [Help] menu then [About].

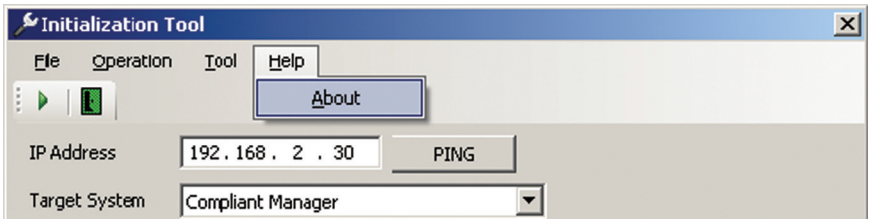


Fig.244 [Initialization] screen (About menu)

The version information appears.



Fig.245 [About] screen

9 License Agreement

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10. The user is allowed to use this software as is without any explicit or implicit guarantee. No implicit commercial guarantees or specific purpose applicability guarantees apply. Toshiba Carrier Corporation has no responsibility to guarantee the quality or performance of this software. Toshiba Carrier Corporation has no responsibility whatsoever for any damage, loss, cost or expense, incurred by the user, arising from the use of this software.

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12. Toshiba Carrier Corporation reserves the right to terminate the use of this software and modify or improve this software at any time.

13. This agreement will be governed by and construed in accordance with the laws of Japan. (However, the applicable law selection rules are excluded. Hereinafter the same shall apply)

EN

Appendix A

BACnet

⚠CAUTION

The air conditioner number is used as the identifier (address) for the air conditioner on the system when it is connected to the system.
This number is automatically indexed when a file is output, if an indoor unit is added, deleted, or moved on the indoor tab, the air conditioner number before the change may be different after the change.
Because of this, if the operation above is done, the air conditioner number is changed and the address may be incorrect when reconnecting to the system (The air conditioner may not operate or a different air conditioner may operate).
If you change the settings on the indoor tab, it may change the air conditioner number used on the system, therefore note that it may be necessary to reset the system when outputting the file and uploading to the BACnet local server.

■ Using the Setting File Creation Software for North America

Starting / Exiting the Setting File Creation Software for North America

Starting the Setting File Creation Software for North America

Use the desktop icon or Windows menu to start the Setting File Creation Software for North America.

1 **Start the Setting File Creation Software for North America.**

- Desktop icon

Double-click the desktop icon.

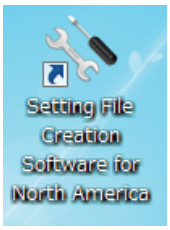


Fig.246 Setting File Creation Software for North America desktop icon

- Windows menu

Select [Start] > [All Programs] > [Toshiba] > [Setting File Creation Software for North America].

2 **The startup screen appears.**
The startup screen appears.

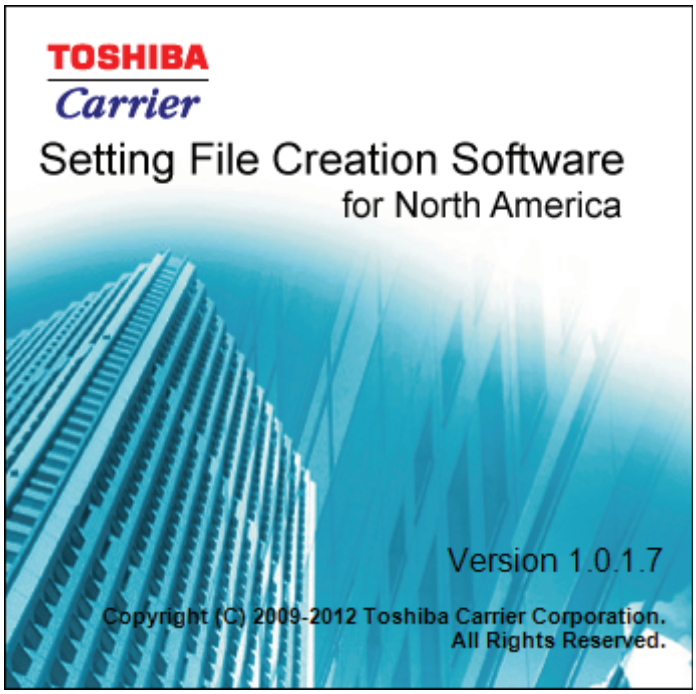


Fig.247 Startup screen

3 **Setting File Creation Software for North America Startup Complete.**
The startup screen (Fig.247) disappears, and the Main Menu screen (Fig.2) appears. The Setting File Creation Software for North America startup is now complete, and the software can be operated.

Exiting the Setting File Creation Software for North America

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

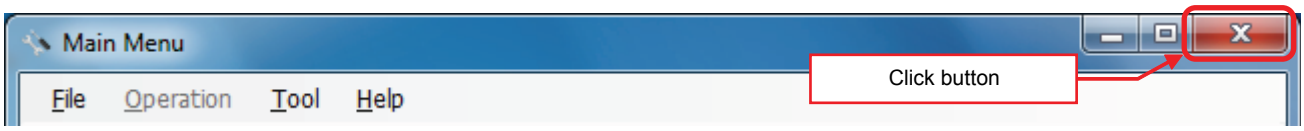


Fig.248 [Main Menu] screen (Close button)

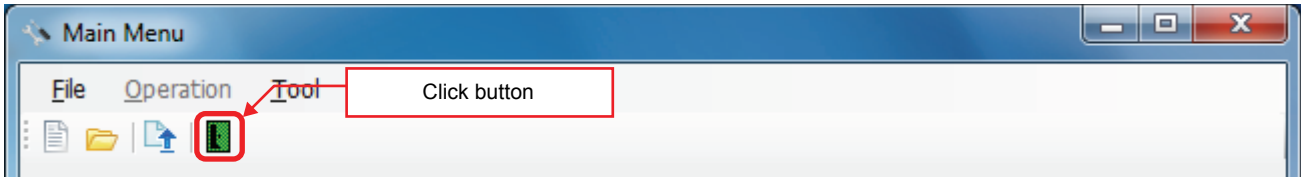


Fig.249 [Main Menu] screen (Exit button)

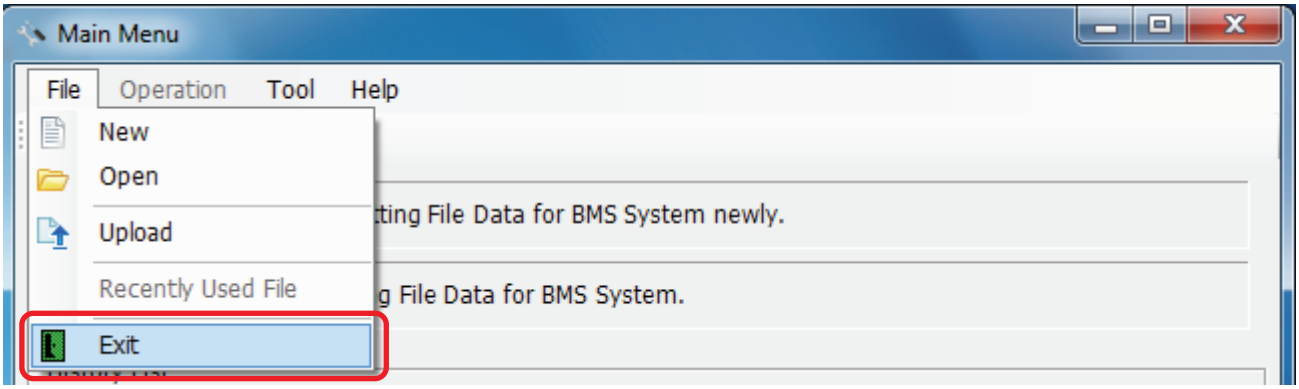


Fig.250 [Main Menu] screen (Exit menu)

The exit confirmation dialog box appears.
Click [Yes] to exit, or [No] to cancel exiting.

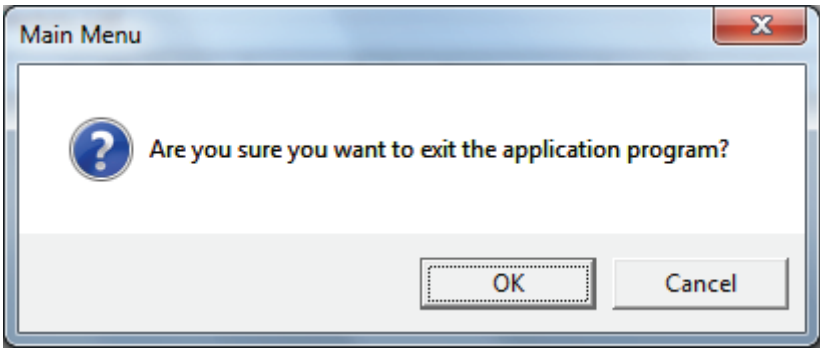


Fig.251 Exit confirmation dialog box

Creating New Data

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

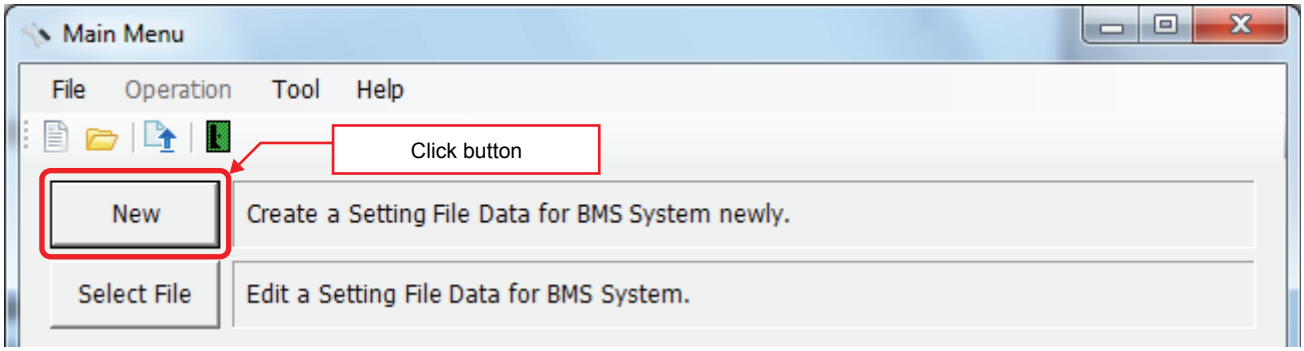


Fig.252 [Main Menu] screen (New button 1)

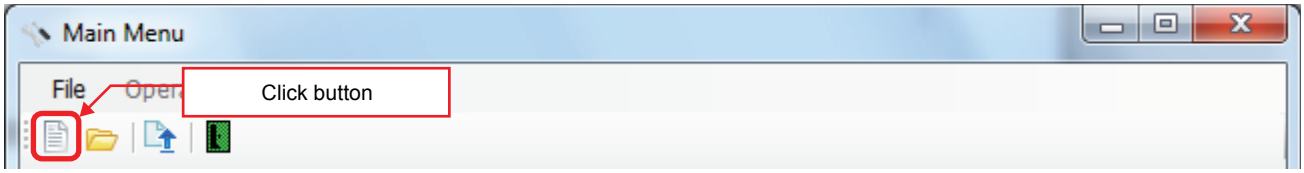


Fig.253 [Main Menu] screen (New button 2)

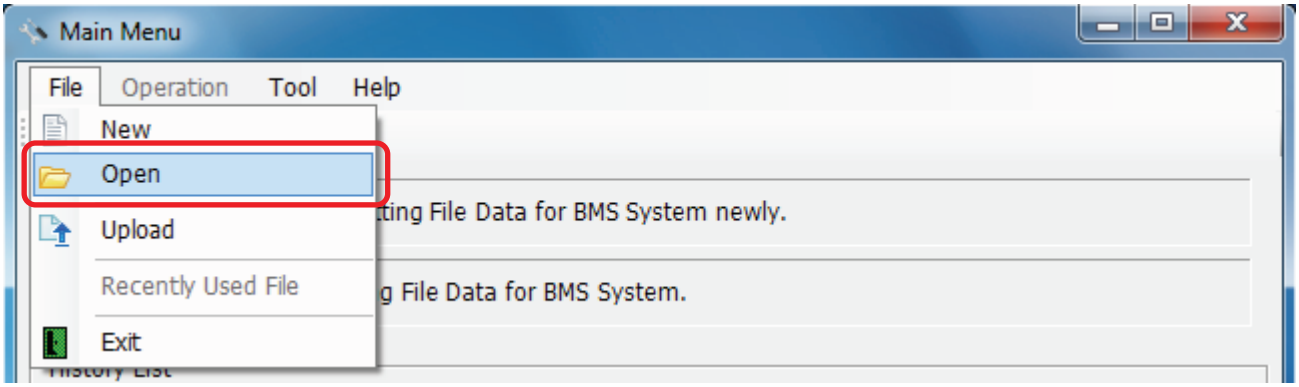


Fig.254 [Main Menu] screen (New menu)

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

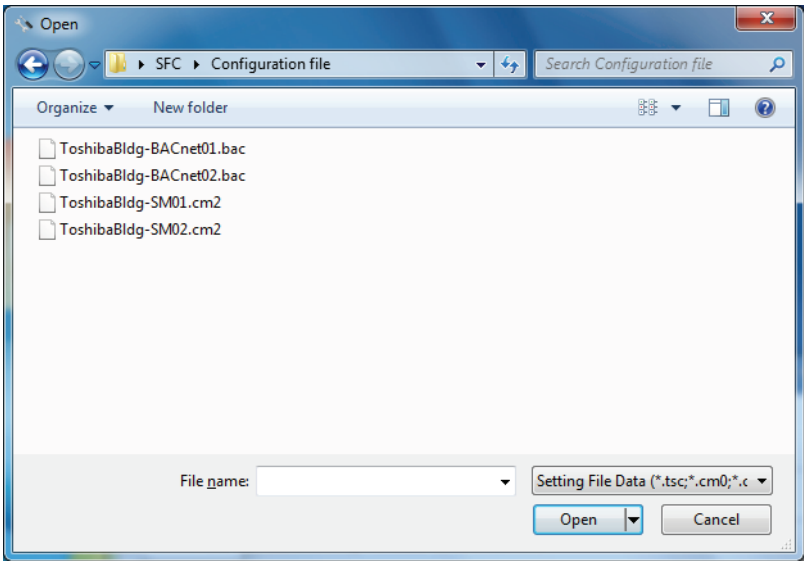


Fig.255 [Open] screen

EN

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.

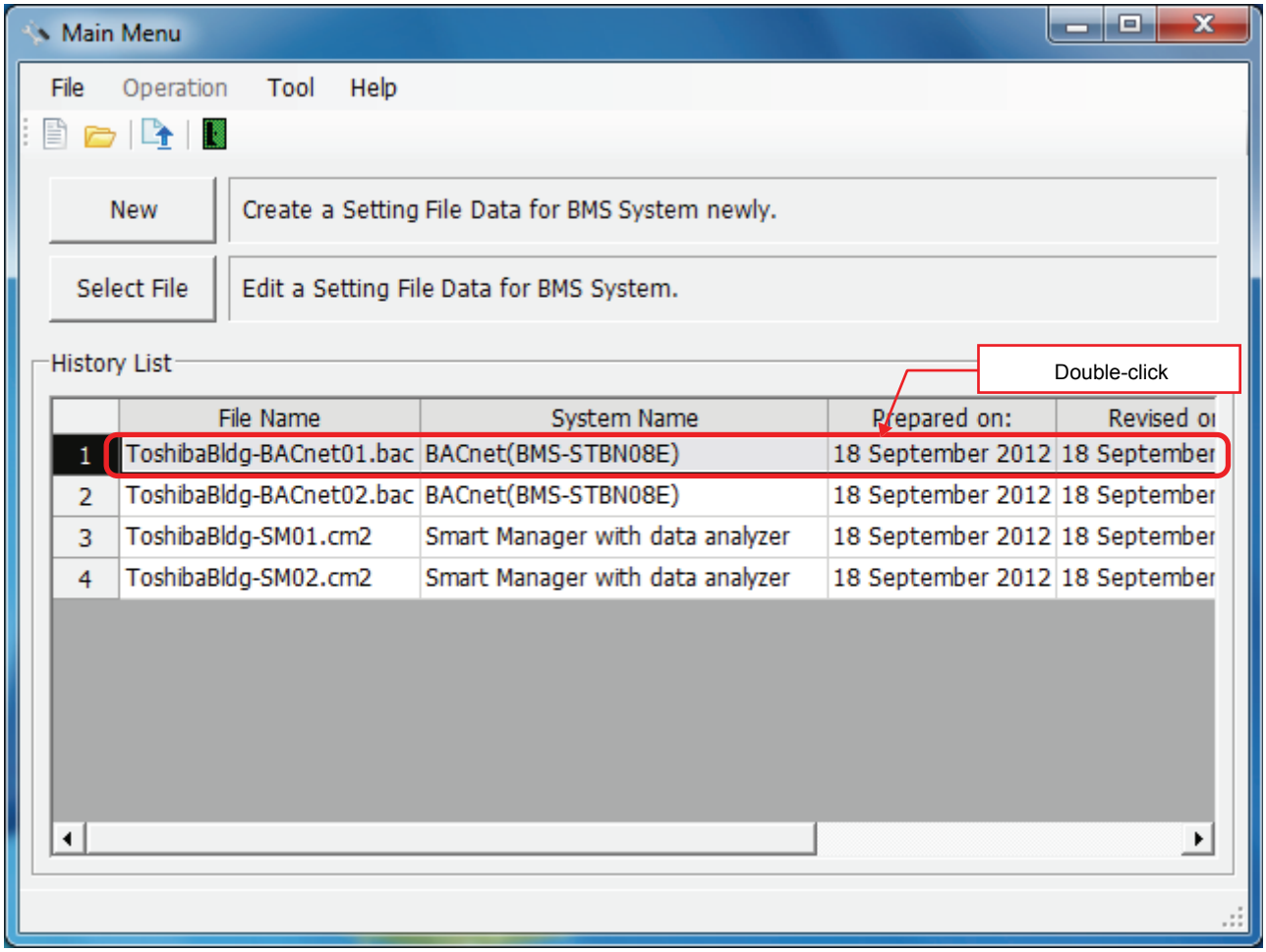


Fig.256 [Main Menu] screen (History List)

Up to 9 files are stored in Recently Used File.

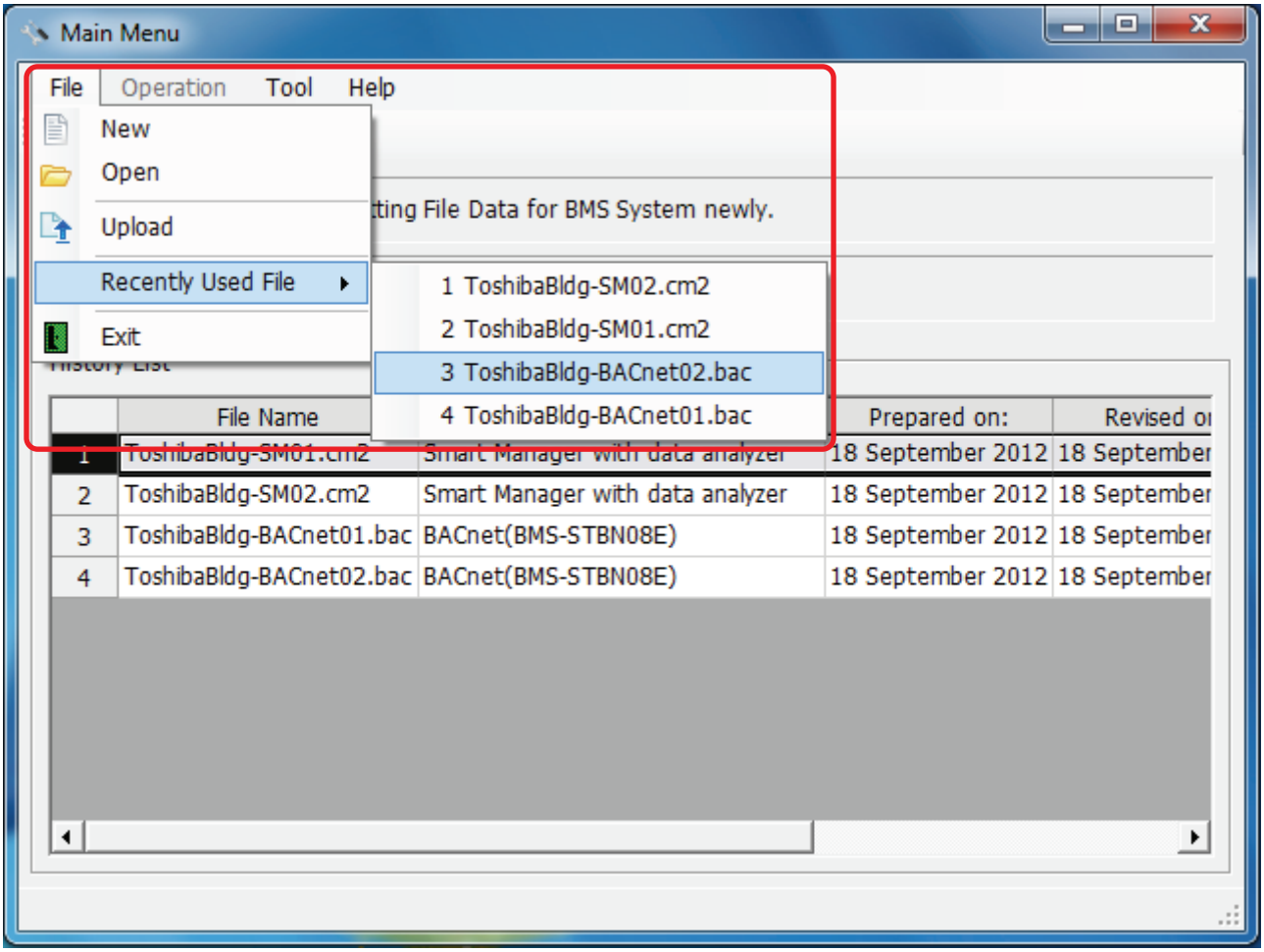


Fig.257 [Main Menu] screen (Recently Used File)

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

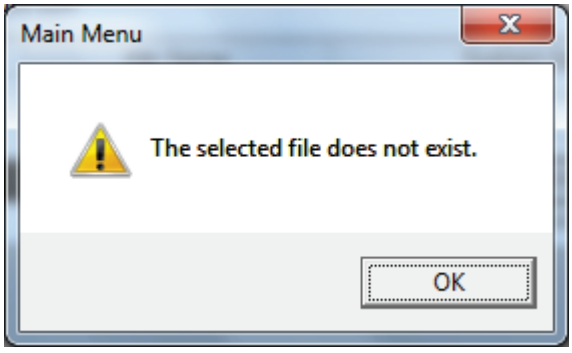


Fig.258 Warning message box

EN

Setting Up the System

Select the [System] tab and configure the settings.

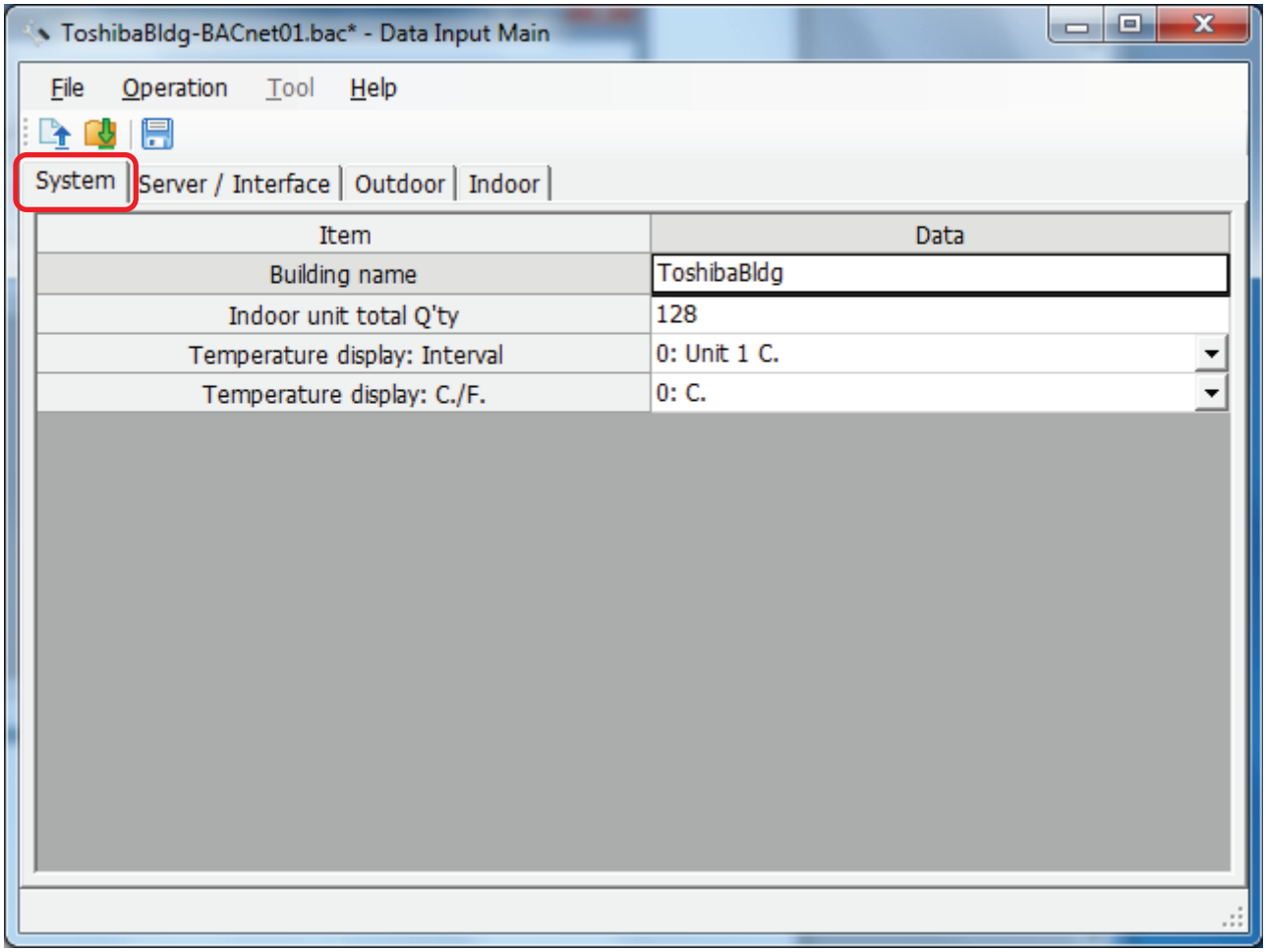


Fig.259 [System] tab

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	Up to 128
Temperature display: Interval	Selected by user	Select from list	
Temperature display: C./F.	Selected by user	Select from list	

Table.1 How to enter / select data

Setting Up the Server

Select "Server Setting" on the "Server / Interface" tab and set the number of interfaces and the IP address of the BACnet local server.
On the BACnet, when the server's IP address is uploaded it is automatically edited according to the IP address, subnet mask, and default gateway information set in this tab.

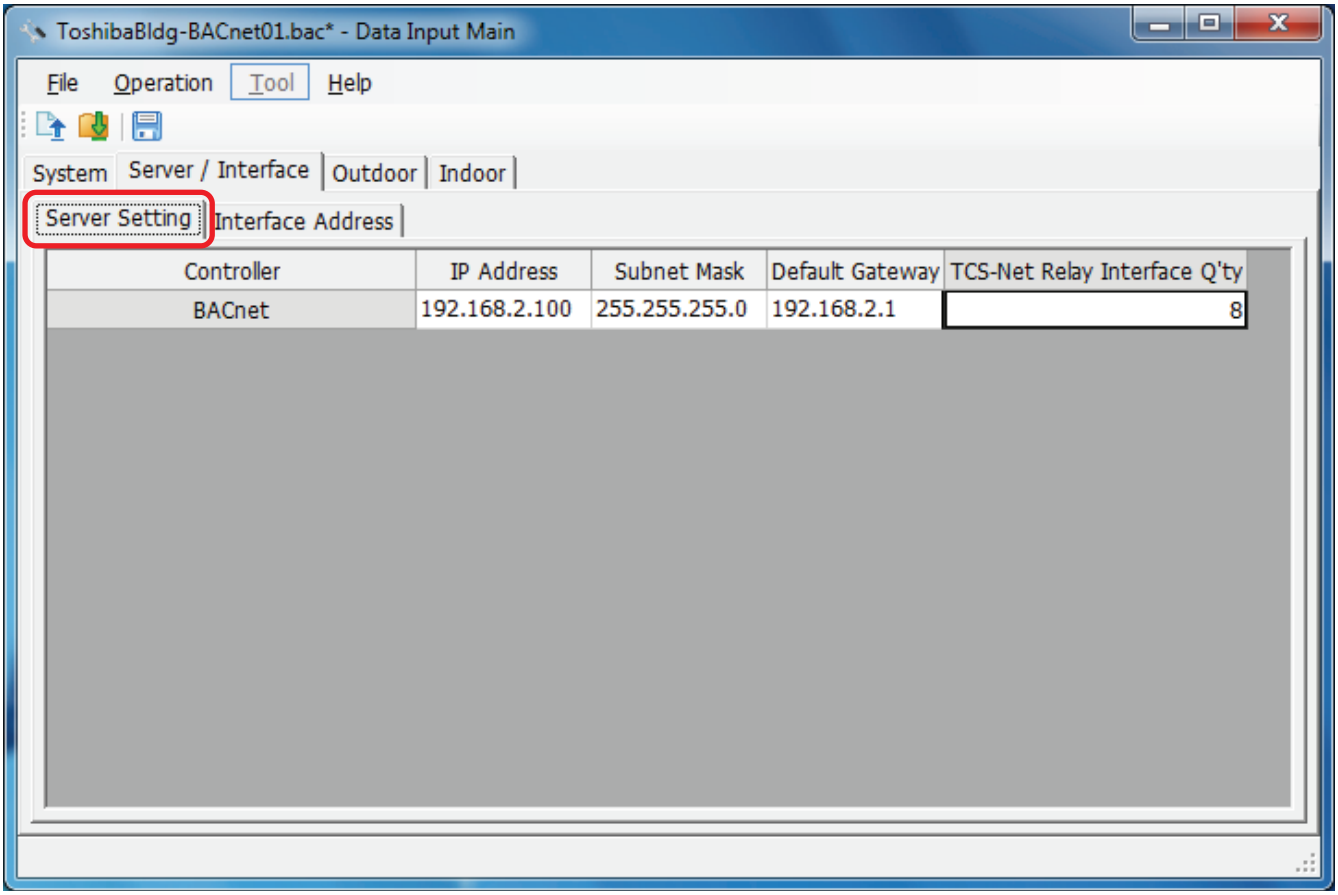


Fig.260 [Server Setting] tab

The following table shows how to enter / select data:

Item	Data type	Selection	Note
IP Address	Entered by user	Numeric value only	
Subnet Mask	Entered by user	Numeric value only	
Default Gateway	Entered by user	Numeric value only	
TCS-net Relay Interface Q'ty	Entered by user	Numeric value only	1 - 8

Table.2 How to enter / select data

EN

Setting Up the Interface Address

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

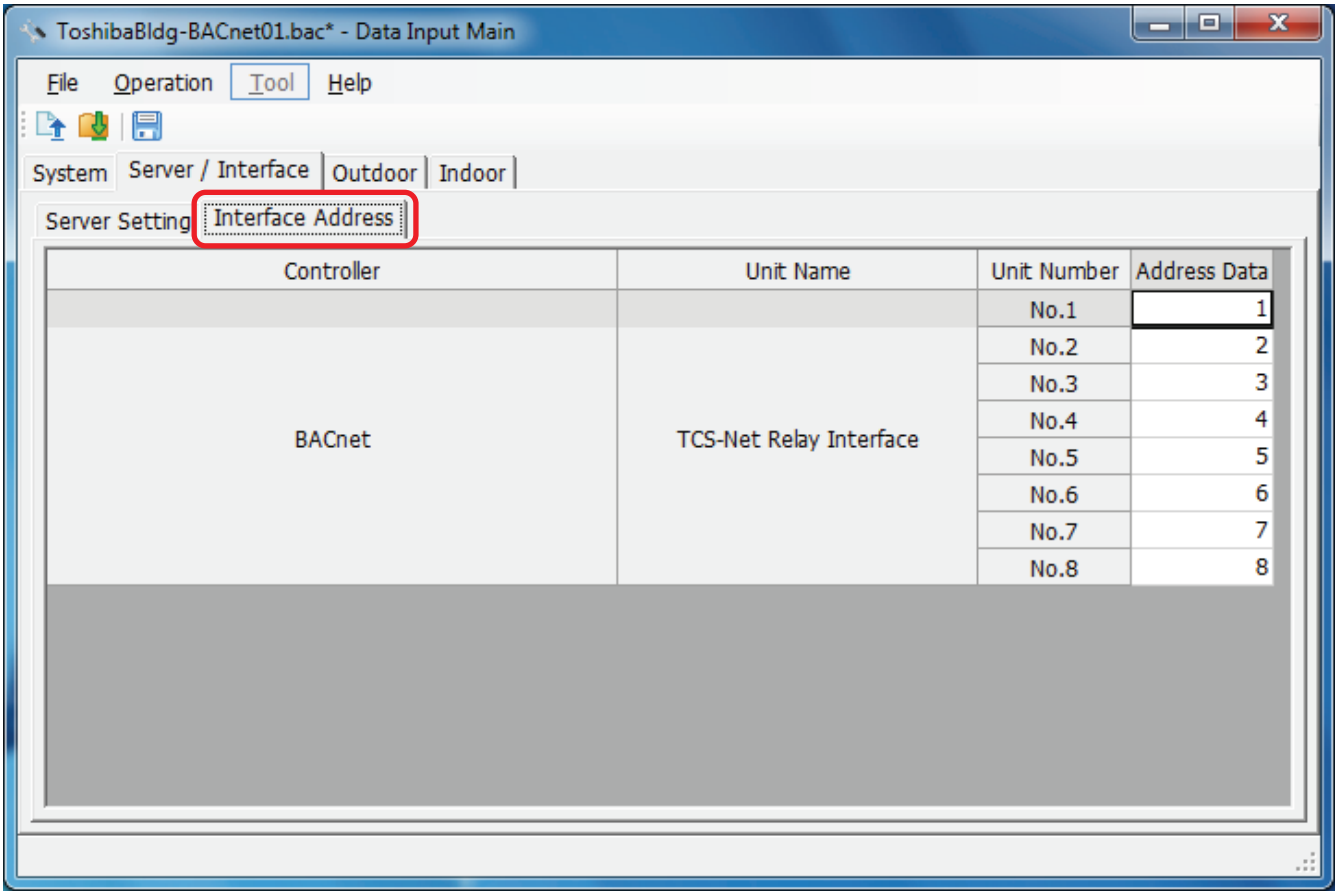


Fig.261 [Interface Address] tab

The following table shows how to enter / select data:

Item	Data type	Selection	Note
TCS-Net Relay Interface Address Data	Entered by user	Numeric value only	1 - 8

Table.3 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.

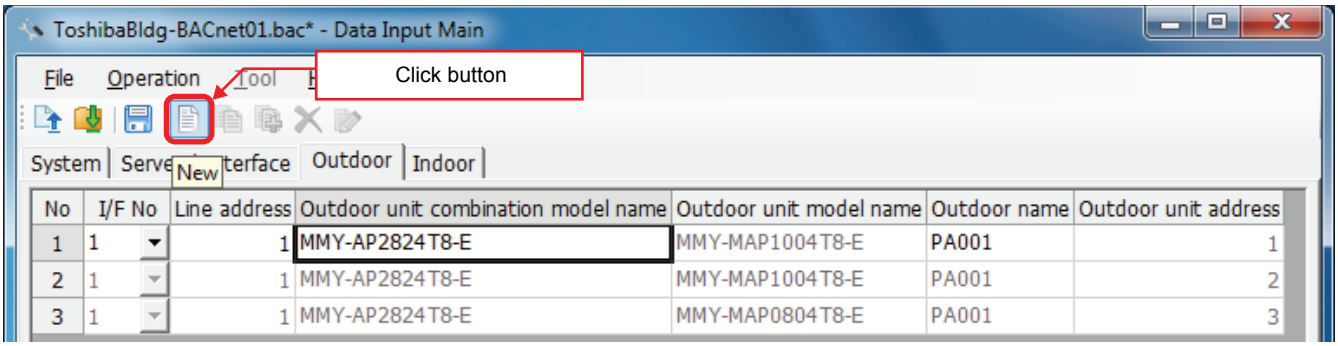


Fig.262 [Outdoor] tab (New button)

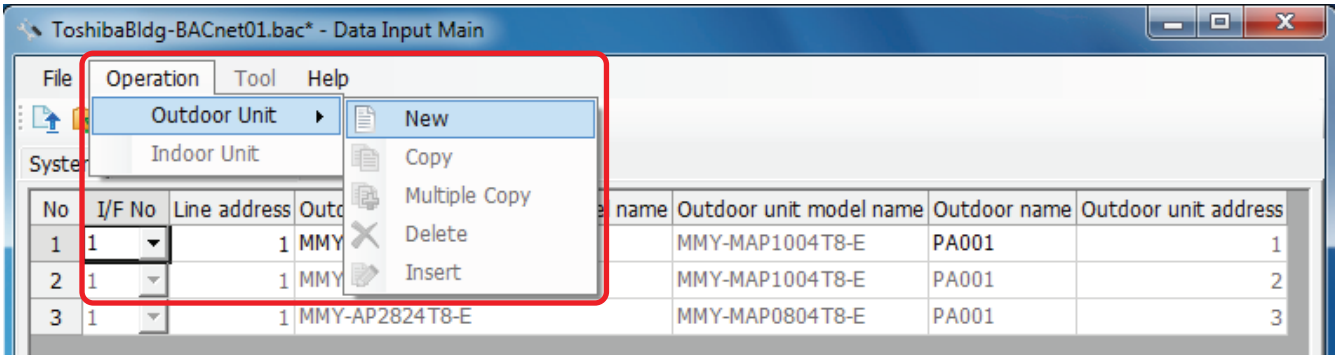


Fig.263 [Outdoor] tab (New menu)

The following table shows how to enter / select data:

Item	Data type	Selection	Note
IF No	Selected by user	Select from list	
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	Select from the Select outdoor unit model screen	
Outdoor name	Entered by user		
Outdoor unit address	Cannot be edited		

Table.4 How to enter / select data

EN

Selecting an Outdoor Unit

Clicking a cell of an outdoor unit combination model name on the [Outdoor] tab (Fig.6) 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 (Fig.6). To cancel changing the outdoor unit setting, click the Cancel button to return to the [Outdoor] tab.

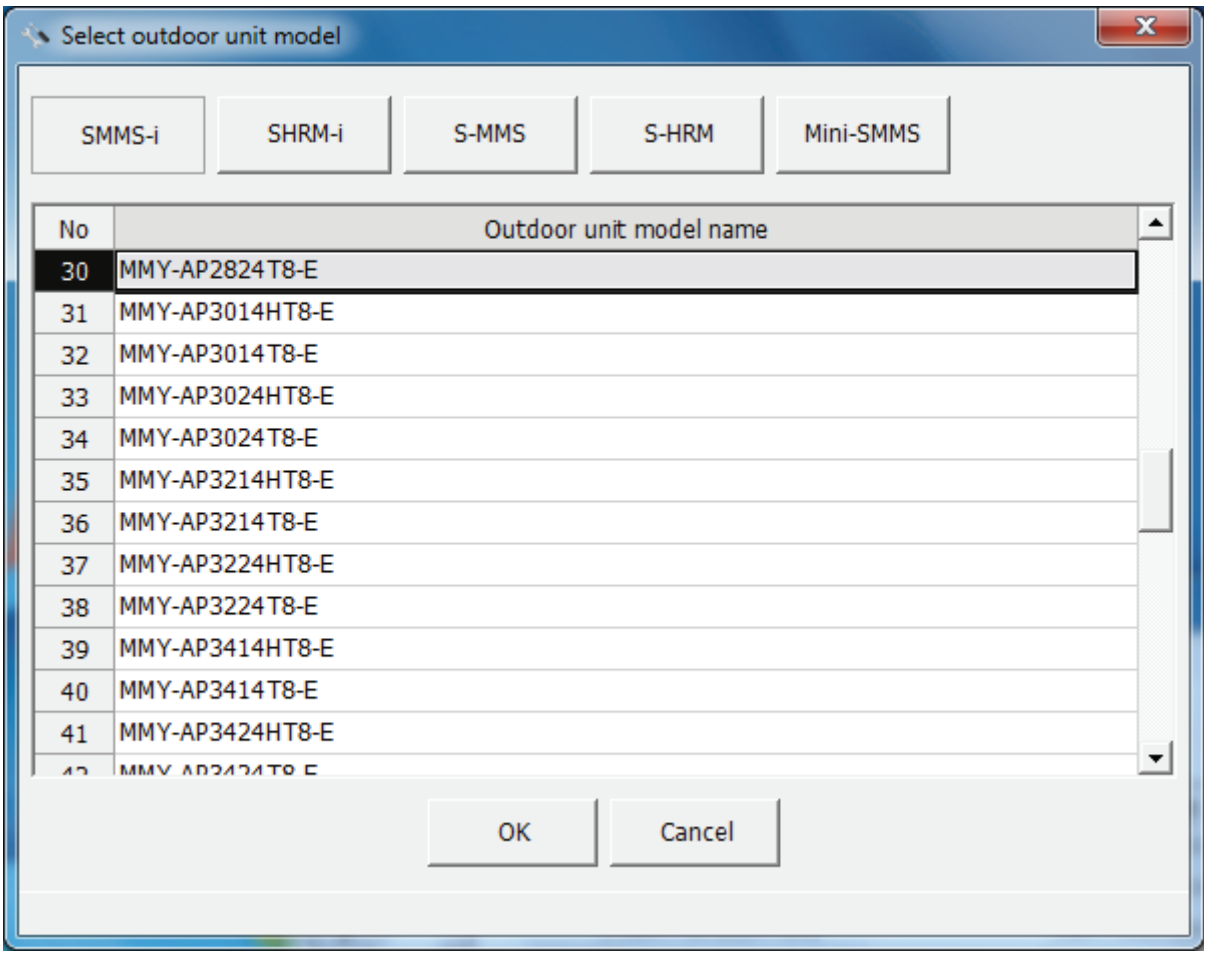


Fig.264 [Select outdoor unit model] screen

Copying the Data of an Outdoor Unit

Select a line of an outdoor unit on the [Outdoor] tab (Fig.6), 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” will automatically be increased in one.

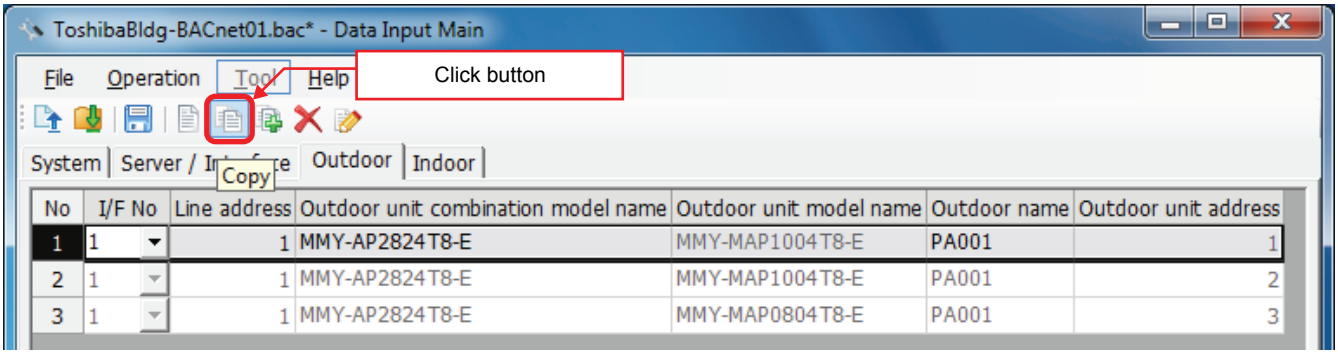


Fig.265 [Outdoor] tab (Copy button)

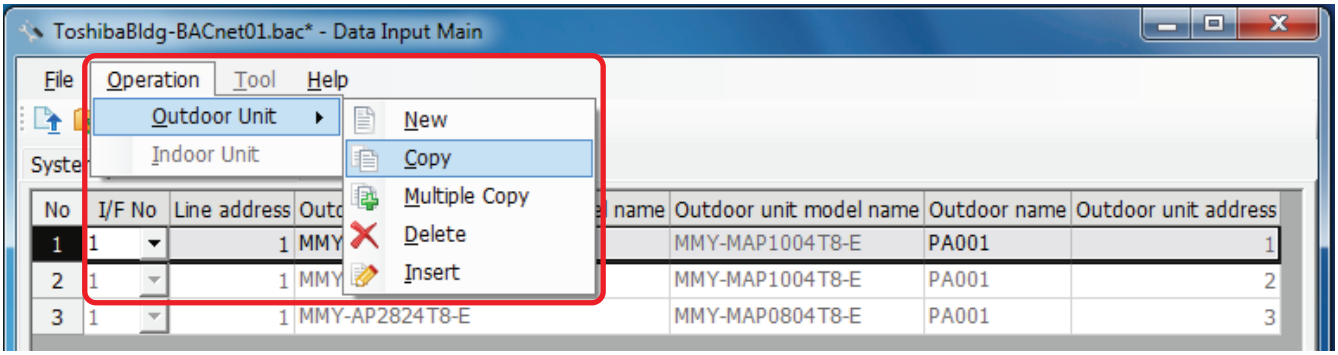


Fig.266 [Outdoor] tab (Copy menu)

EN

Copying the Data of Multiple Outdoor Units

Select a line of outdoor unit on the [Outdoor] tab (Fig.6), and click the [Multicopy] button, or select the [Operation] menu > [Outdoor Unit] > [Multicopy]. The Copy line count screen appears.

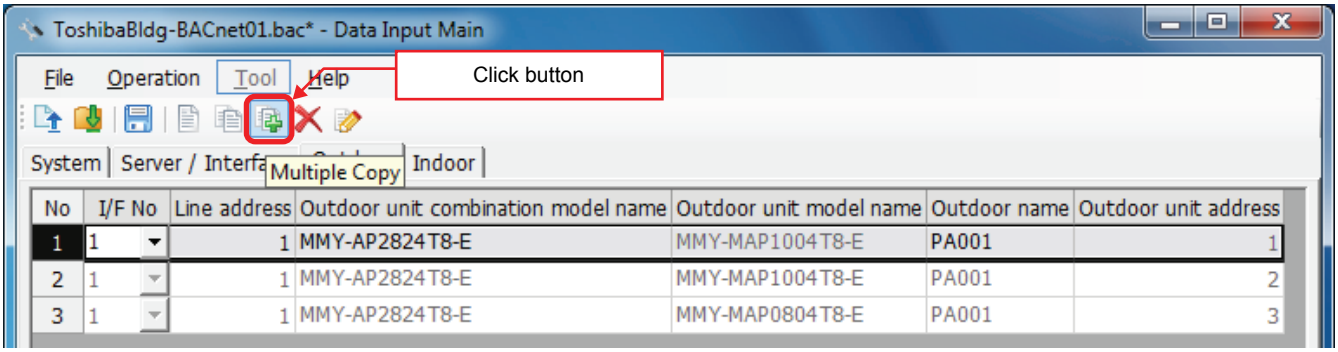


Fig.267 [Outdoor] tab (Multicopy button)

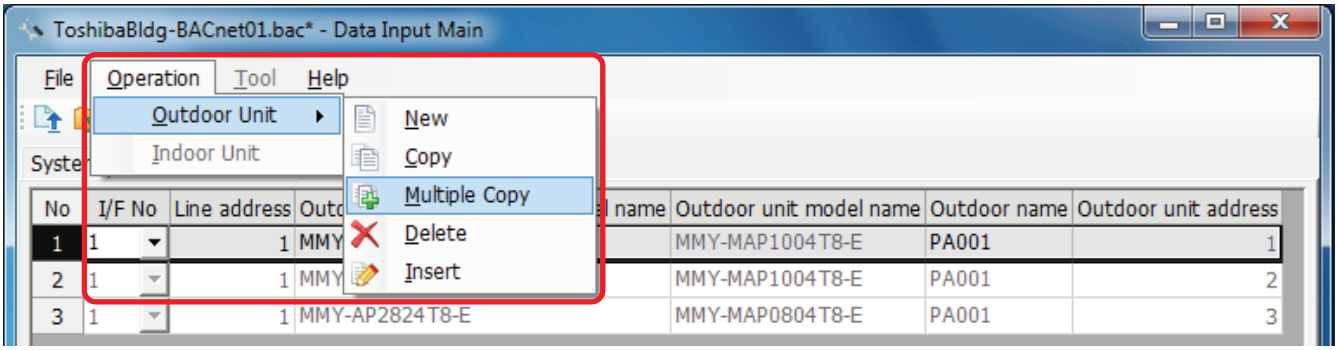


Fig.268 [Outdoor] tab (Multicopy menu)

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” will automatically be increased in one.

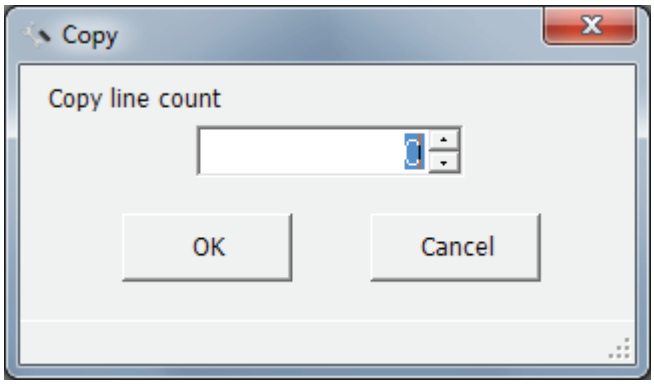


Fig.269 [Copy line count] screen

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].

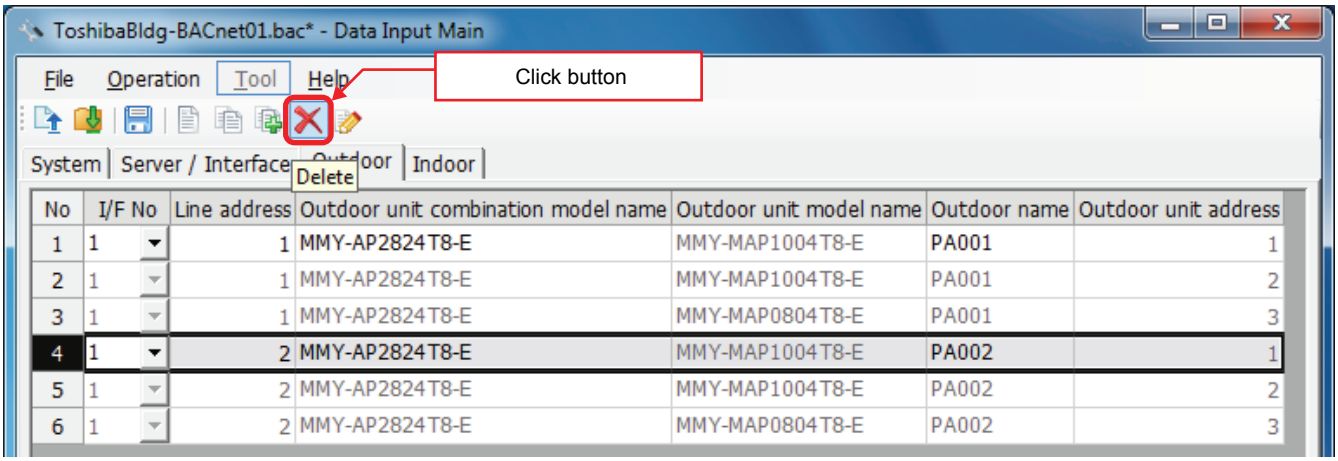


Fig.270 [Outdoor] tab (Delete button)

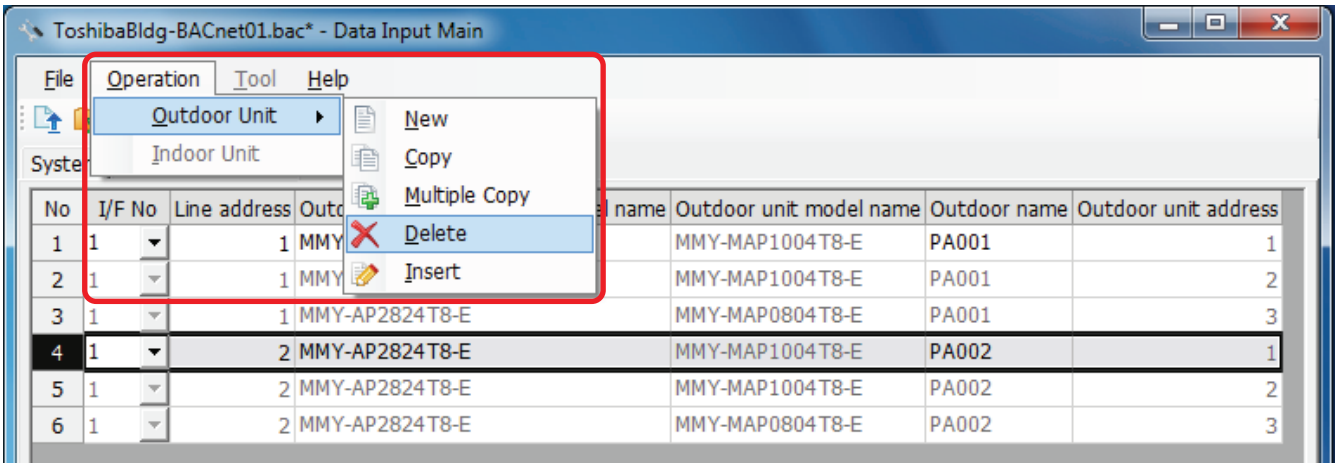


Fig.271 [Outdoor] tab (Delete menu)

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.

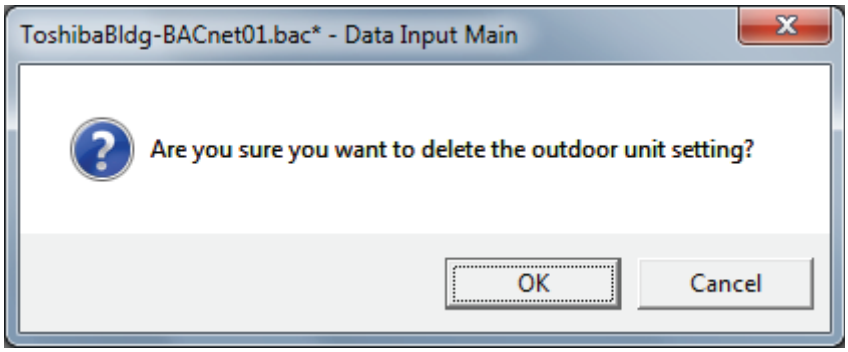


Fig.272 Deletion confirmation dialog box

EN

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.

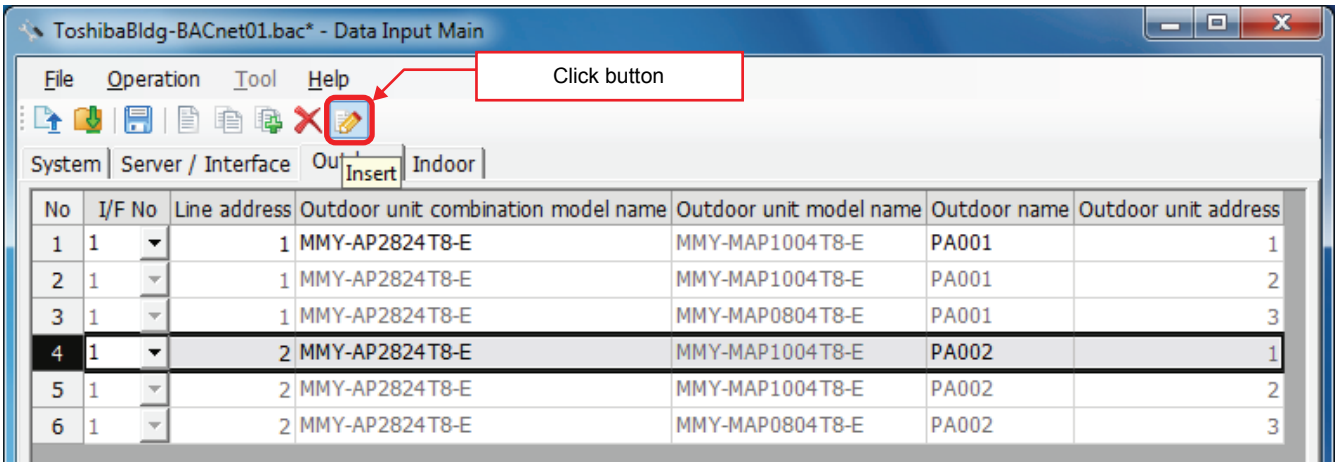


Fig.273 [Outdoor] tab (Insert button)

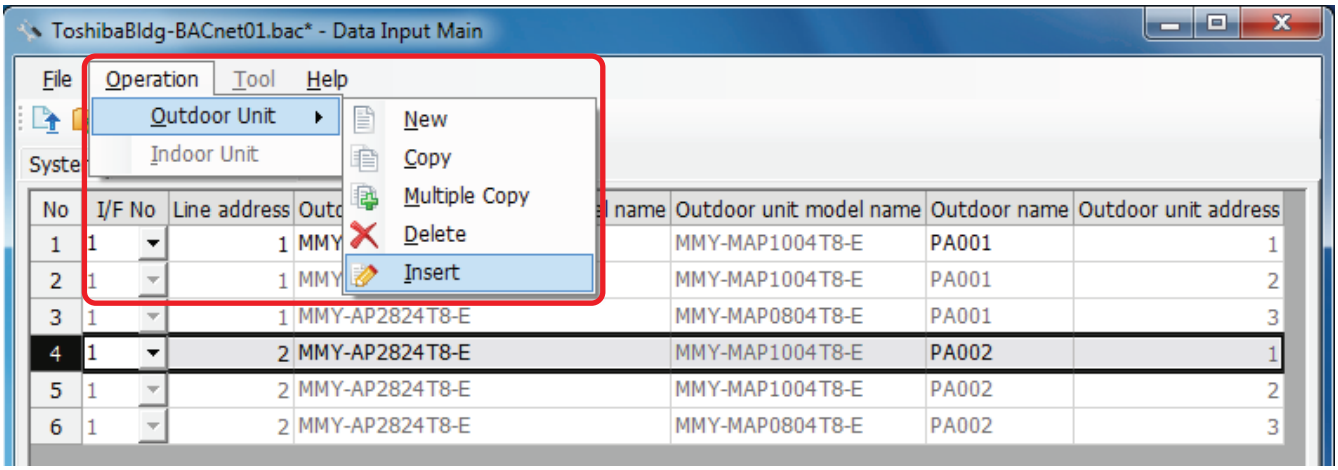


Fig.274 [Outdoor] tab (Insert menu)

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.

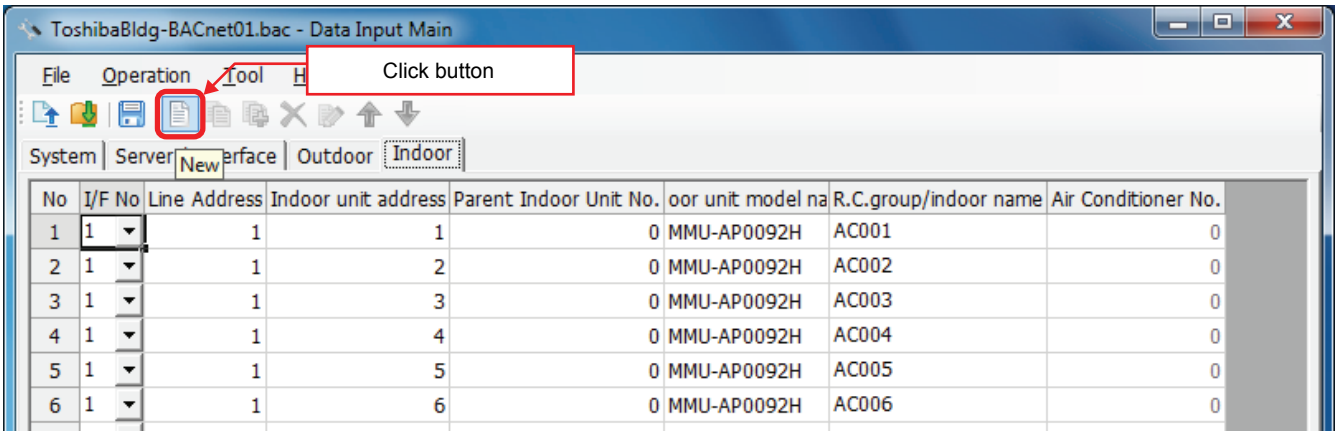


Fig.275 [Indoor] tab (New button)

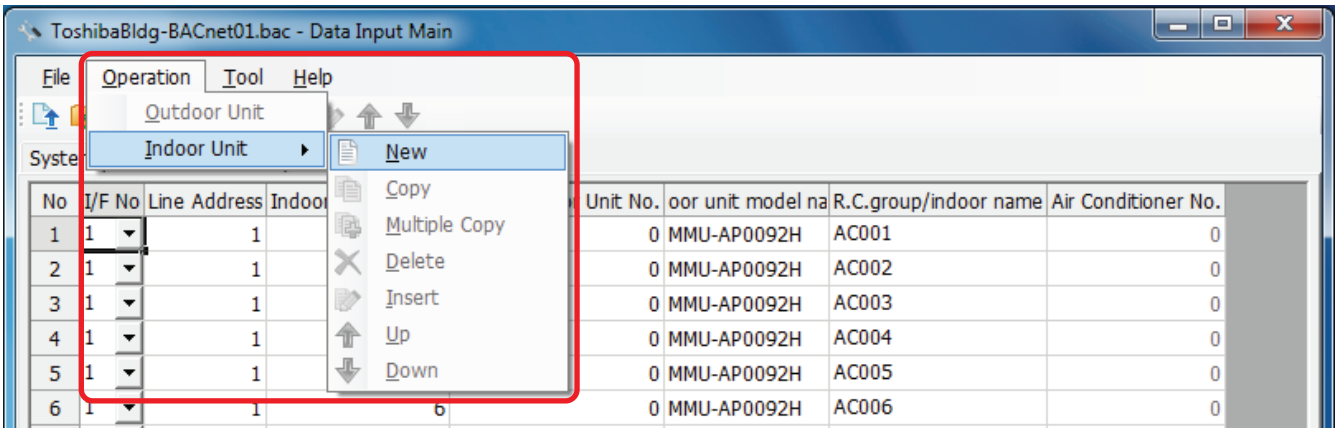


Fig.276 [Indoor] tab (New menu)

The following table shows how to enter / select data:

Item	Data type	Selection	Note
IF No	Selected by user	Select from list	
Line address	Entered by user	Numeric value only	
Indoor unit address	Entered by user	Numeric value only	
Parent Indoor Unit No.	Entered by user	Numeric value only	
Indoor unit model name	Selected by user	Select from the Select indoor unit model screen	
R.C.group / indoor name	Entered by user		
Air Conditioner No.	Cannot be edited		

Table.5 How to enter / select data

EN

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.

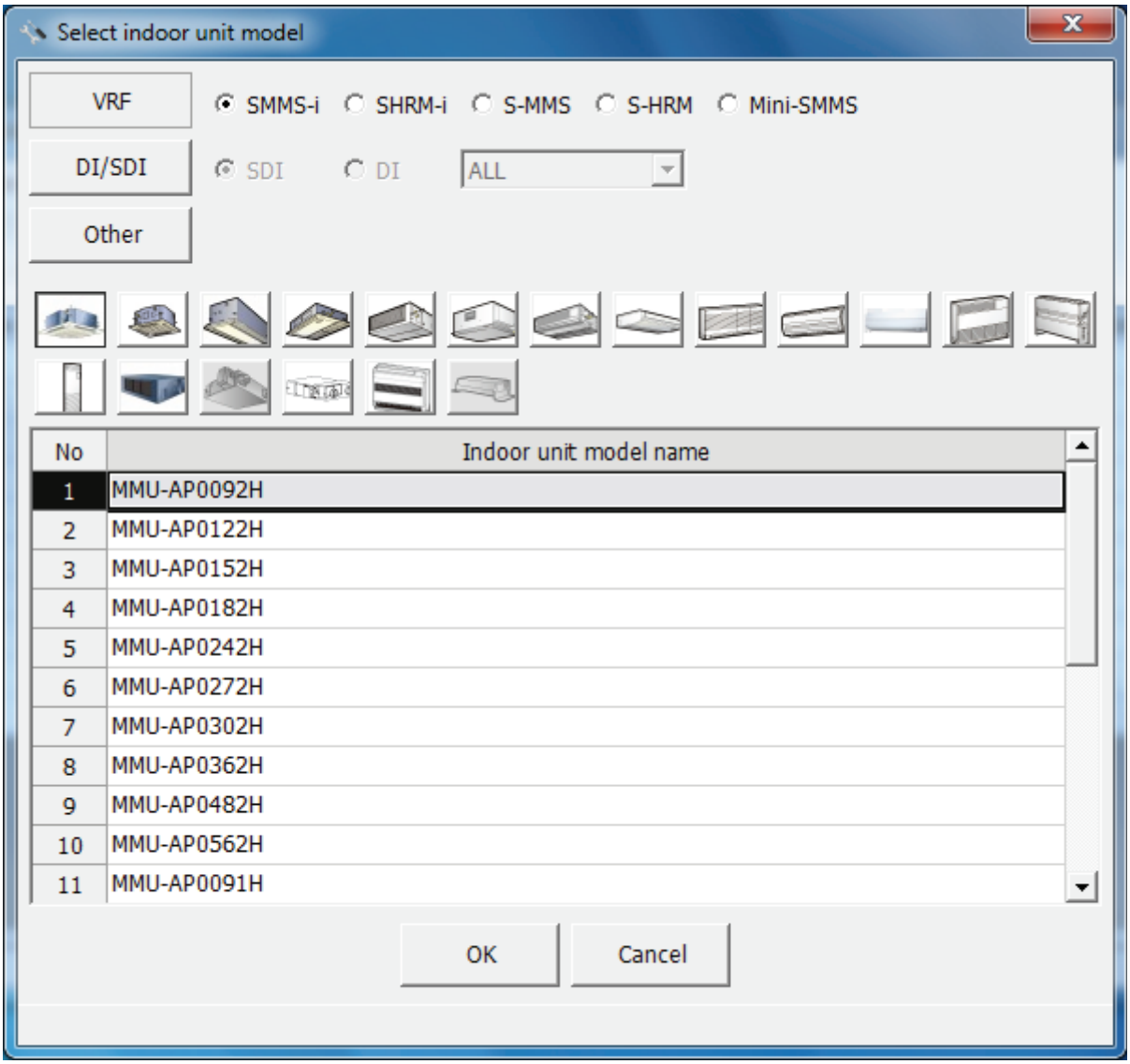


Fig.277 [Select indoor unit model] screen

Copying the Data of an Indoor Unit

Select a line of an indoor unit on the [Indoor] tab (Fig.8), 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.

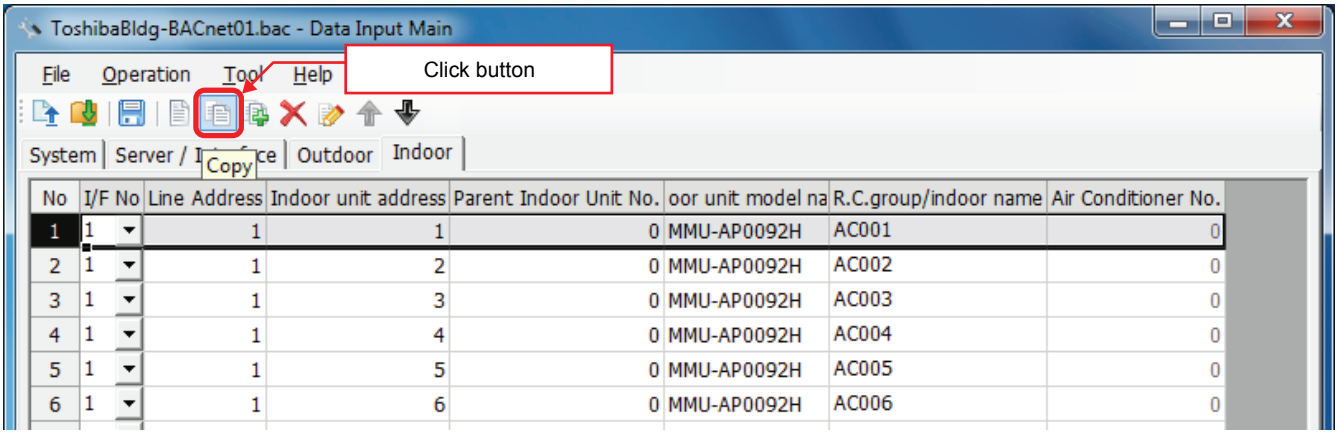


Fig.278 [Indoor] tab (Copy button)

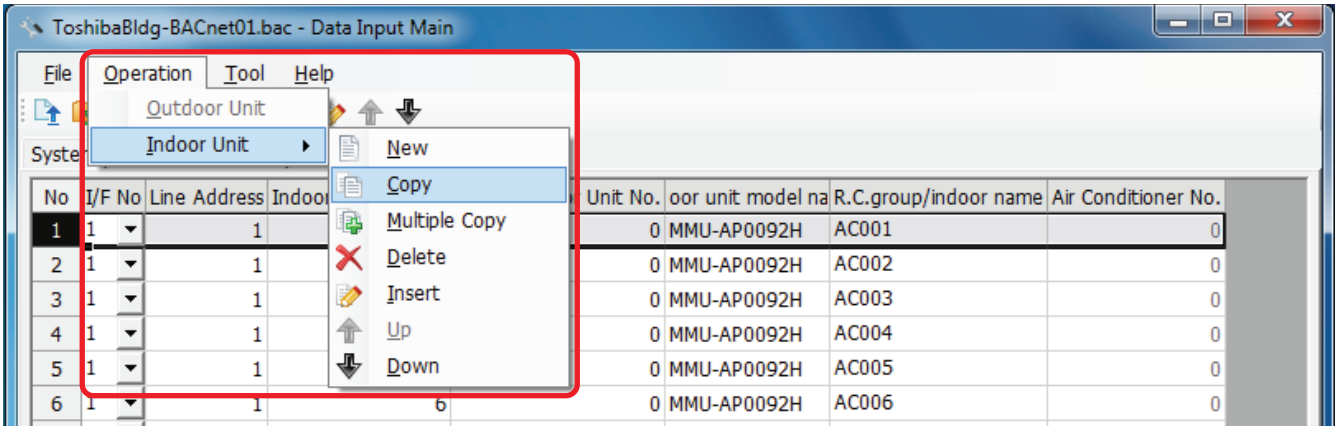


Fig.279 [Indoor] tab (Copy menu)

EN

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.

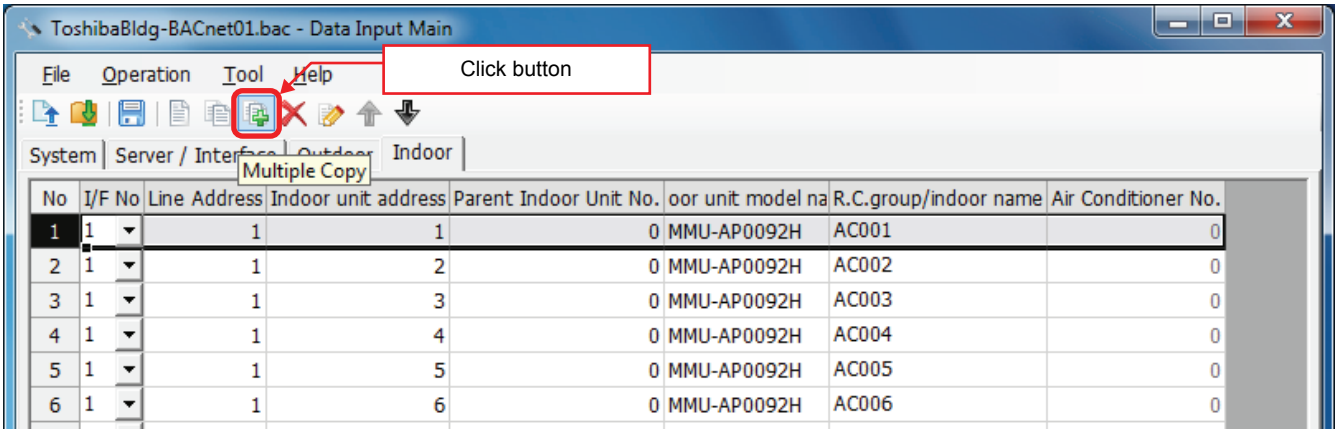


Fig.280 [Indoor] tab (Multicopy button)

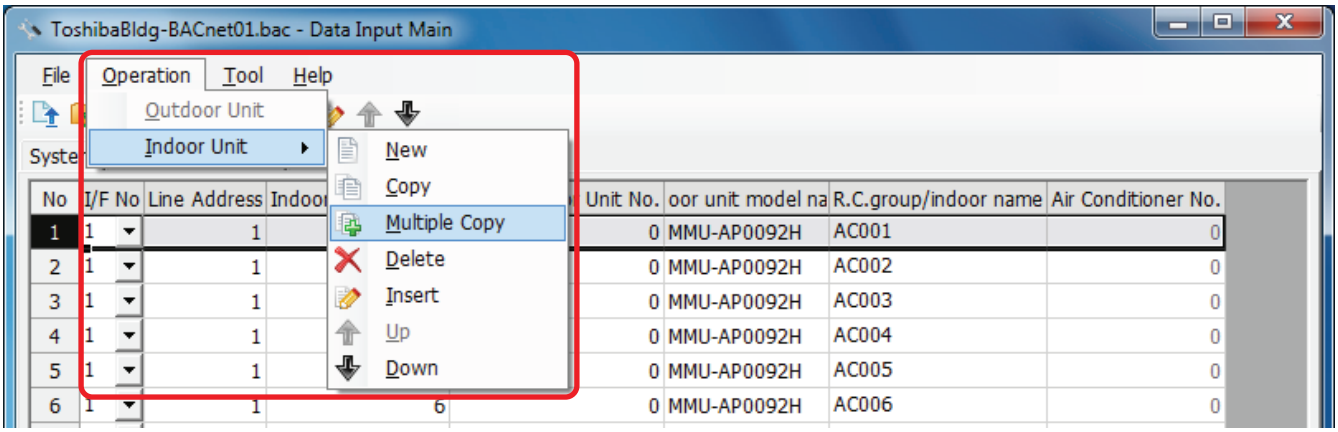


Fig.281 [Indoor] tab (Multicopy menu)

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.

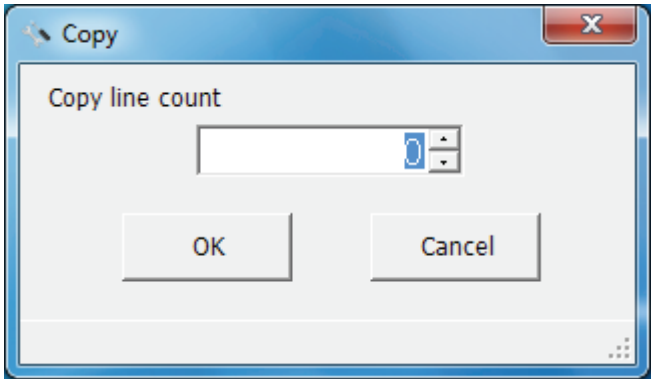


Fig.282 [Copy line count] screen

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].

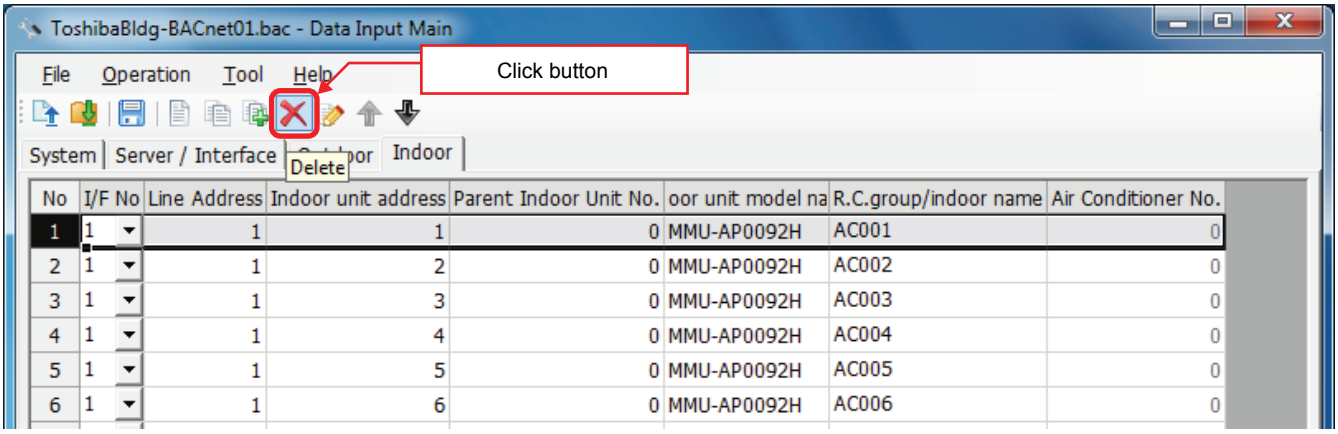


Fig.283 [Indoor] tab (Delete button)

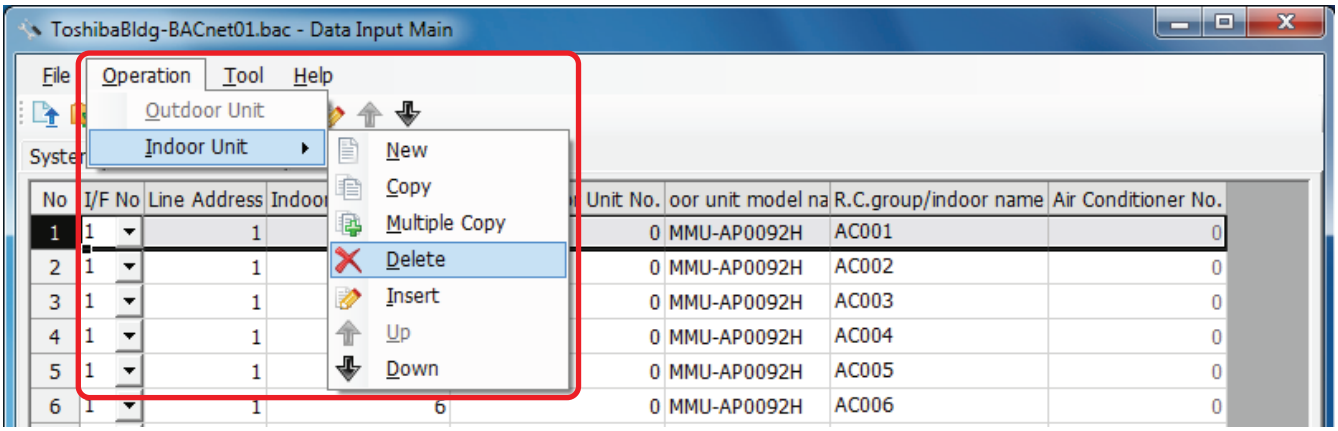


Fig.284 [Indoor] tab (Delete menu)

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.

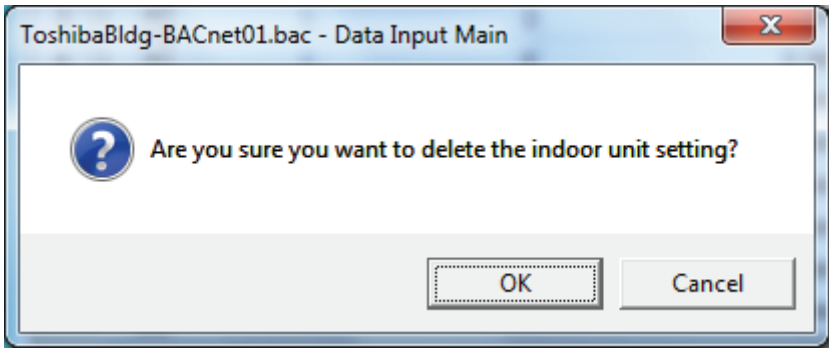


Fig.285 Deletion confirmation dialog box

EN

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.

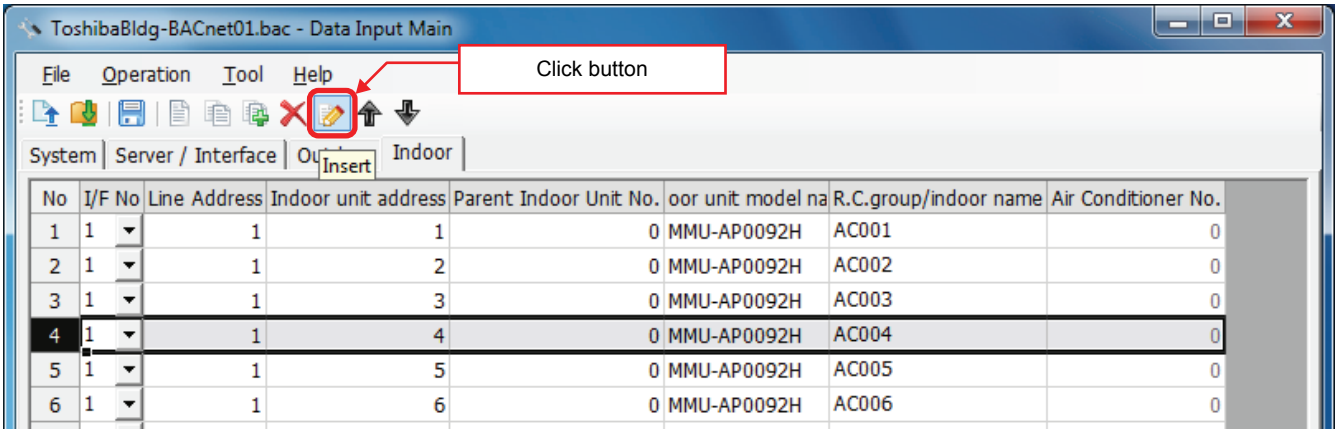


Fig.286 [Indoor] tab (Insert button)

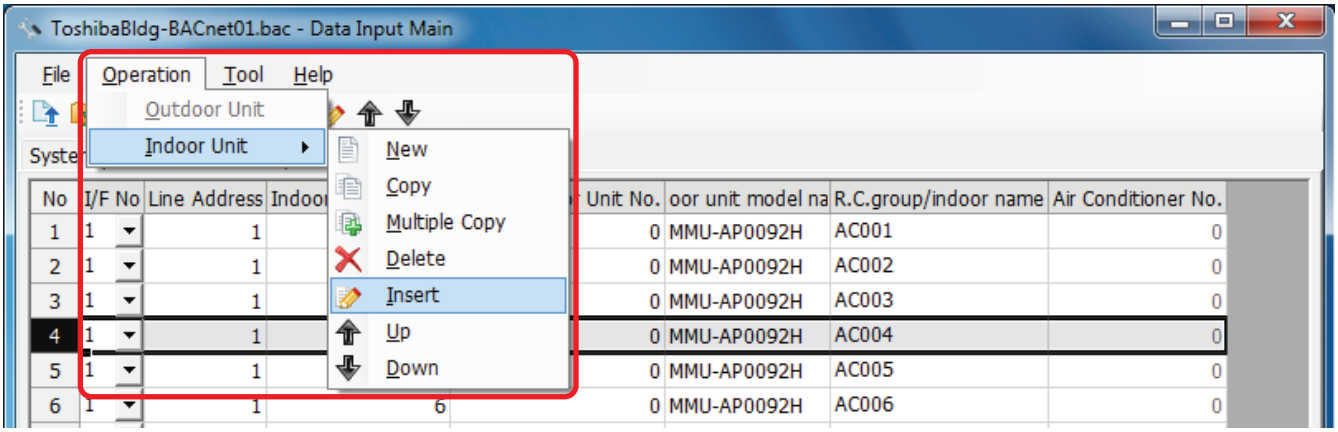


Fig.287 [Indoor] tab (Insert menu)

Changing the Order of the Indoor Units

Select a line of an indoor unit on the [Indoor] tab (Fig.8), and click the [Up] / [Down] button, or select the [Operation] menu > [Indoor Unit] > [Up] / [Down]. The selected line moves up or down.

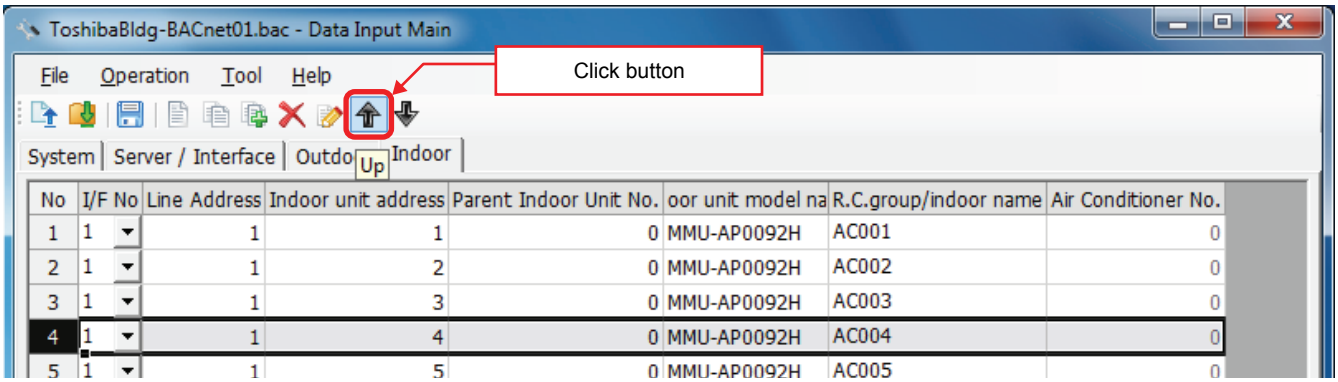


Fig.288 [Indoor Unit] tab (Up button)

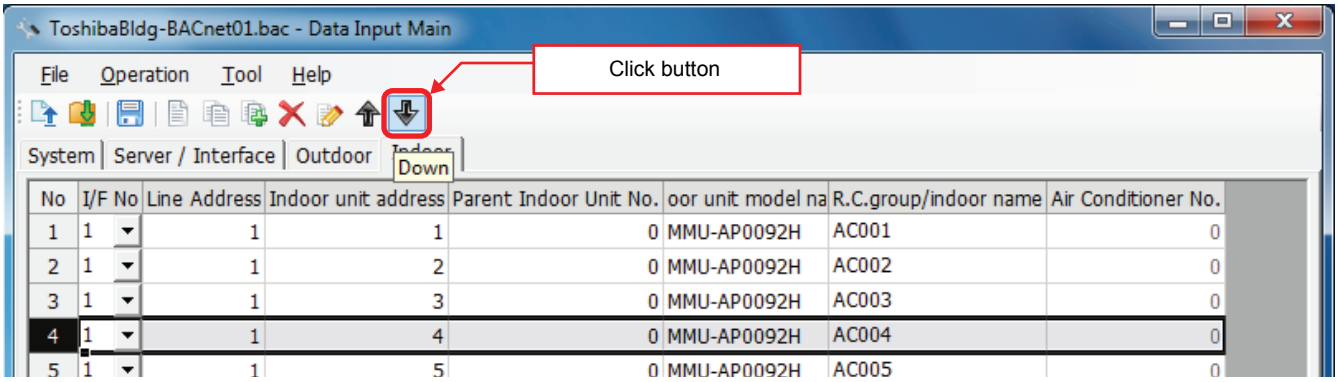


Fig.289 [Indoor Unit] tab (Down button)

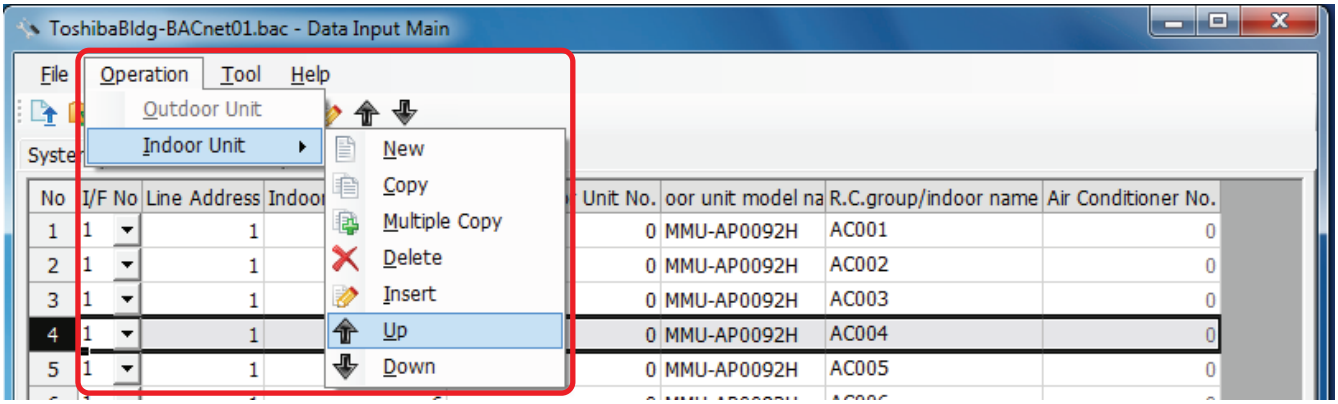


Fig.290 [Indoor Unit] tab (Up menu)

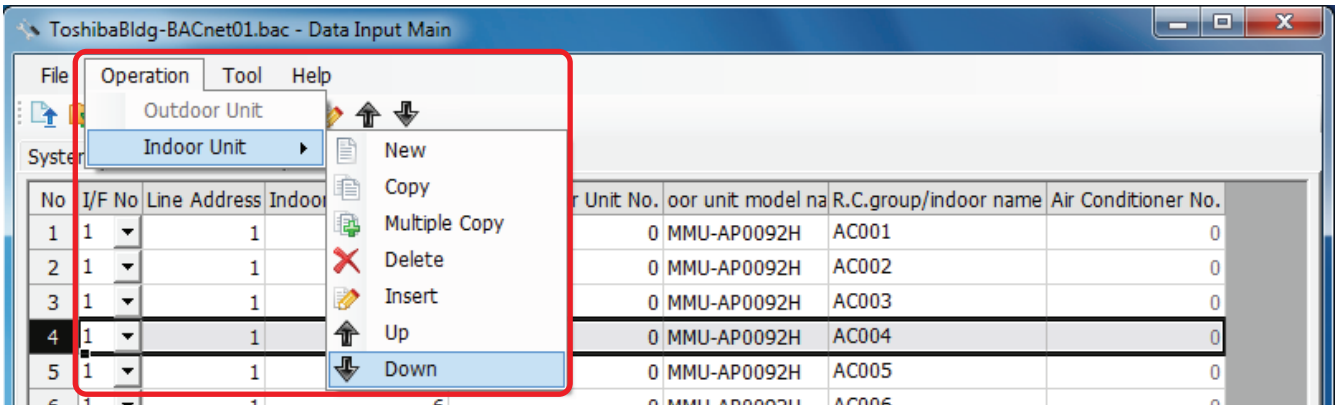


Fig.291 [Indoor Unit] tab (Down menu)

EN

Saving Created Data to a File

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

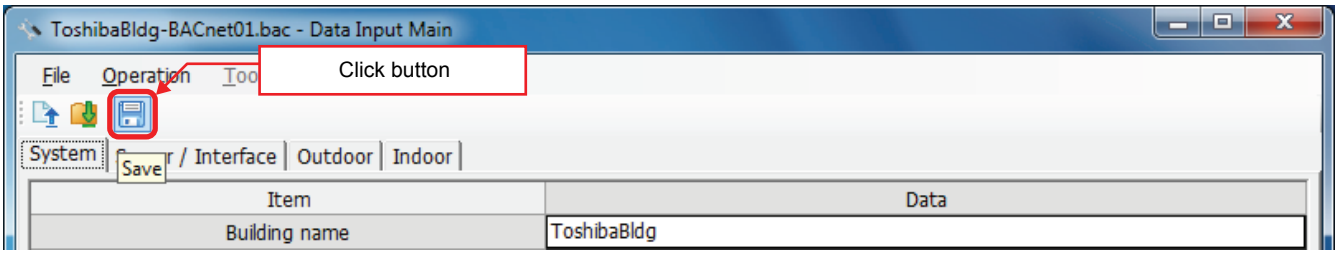


Fig.292 [Save] button

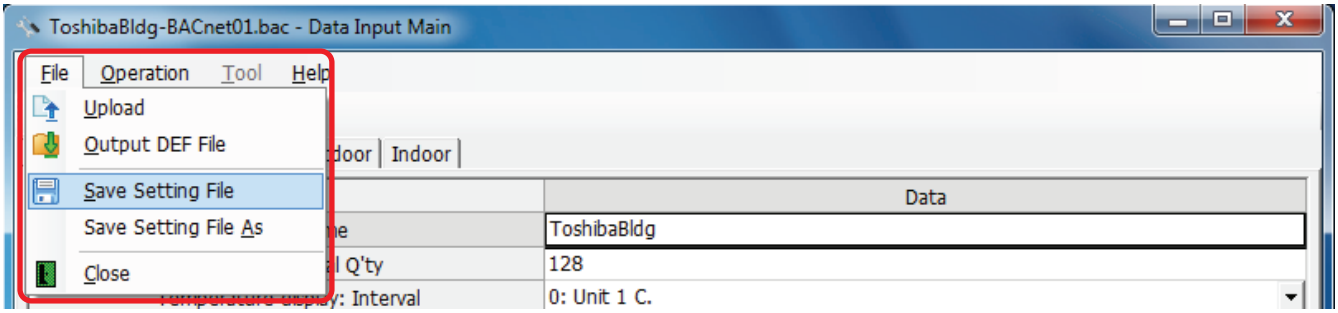


Fig.293 [Save Setting File] menu

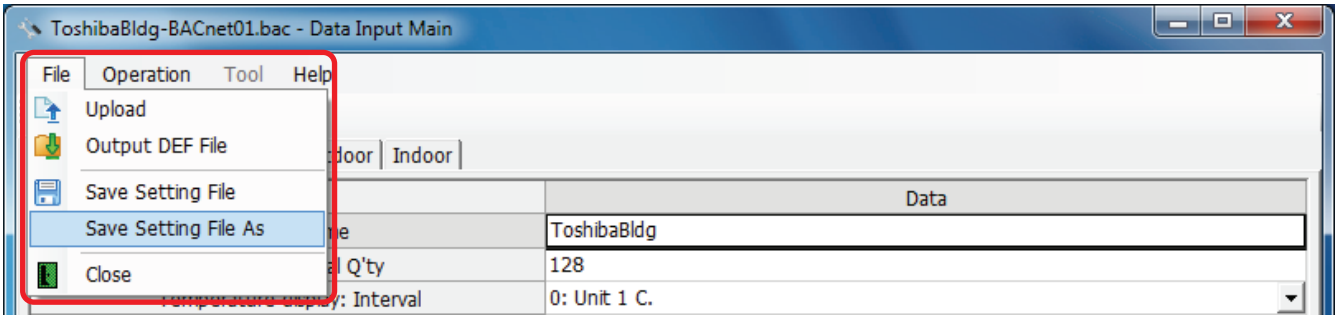


Fig.294 [Save Setting File As] menu

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.

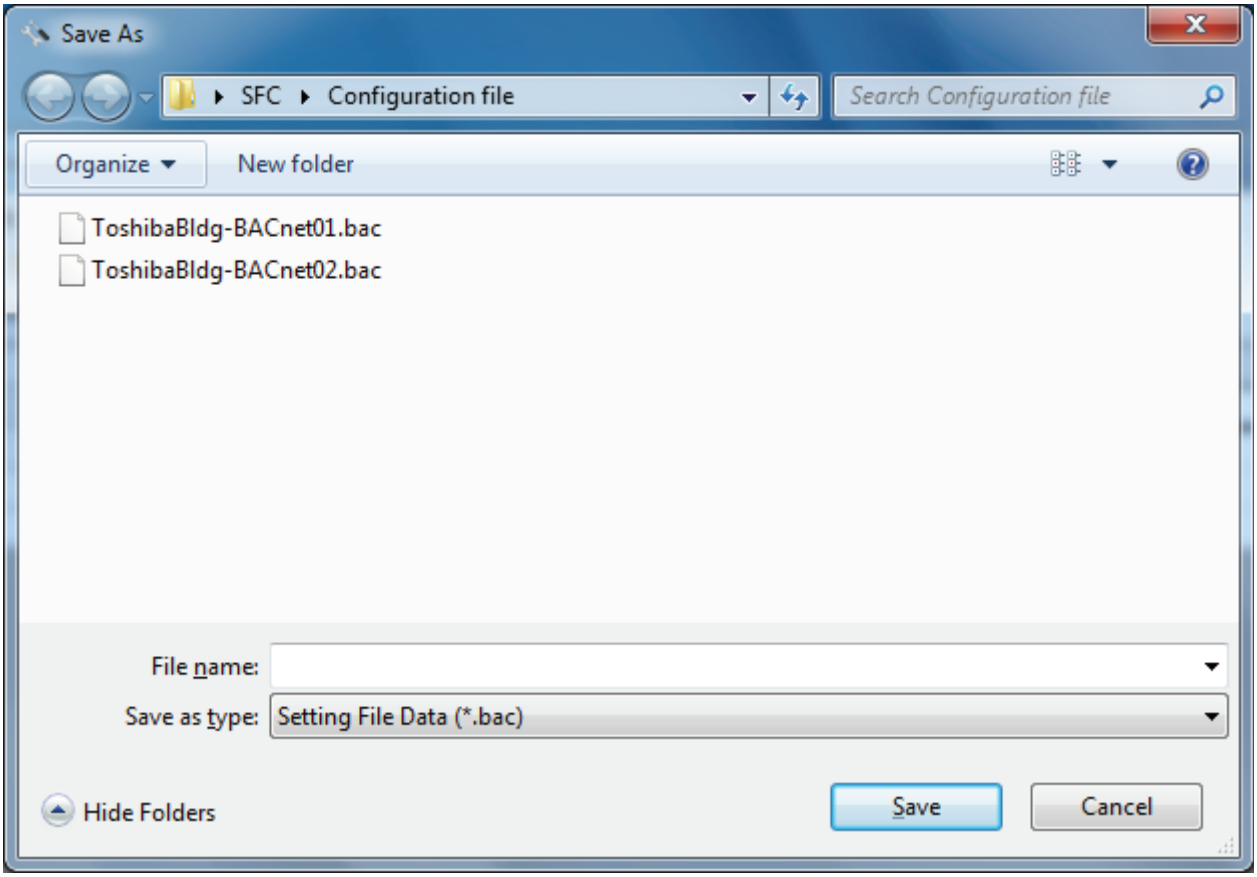


Fig.295 [Save As] screen

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.

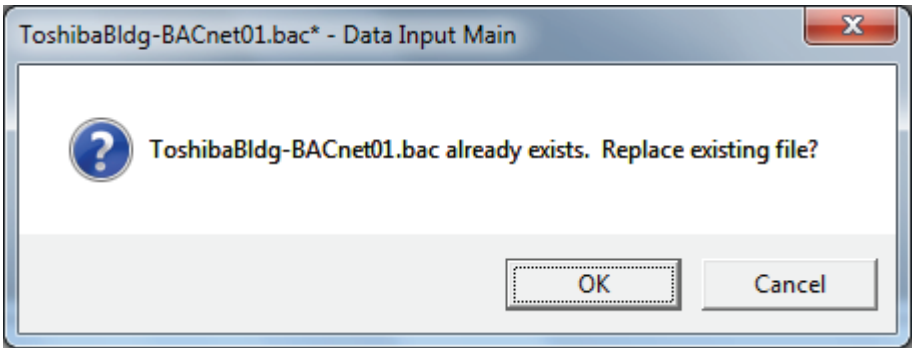
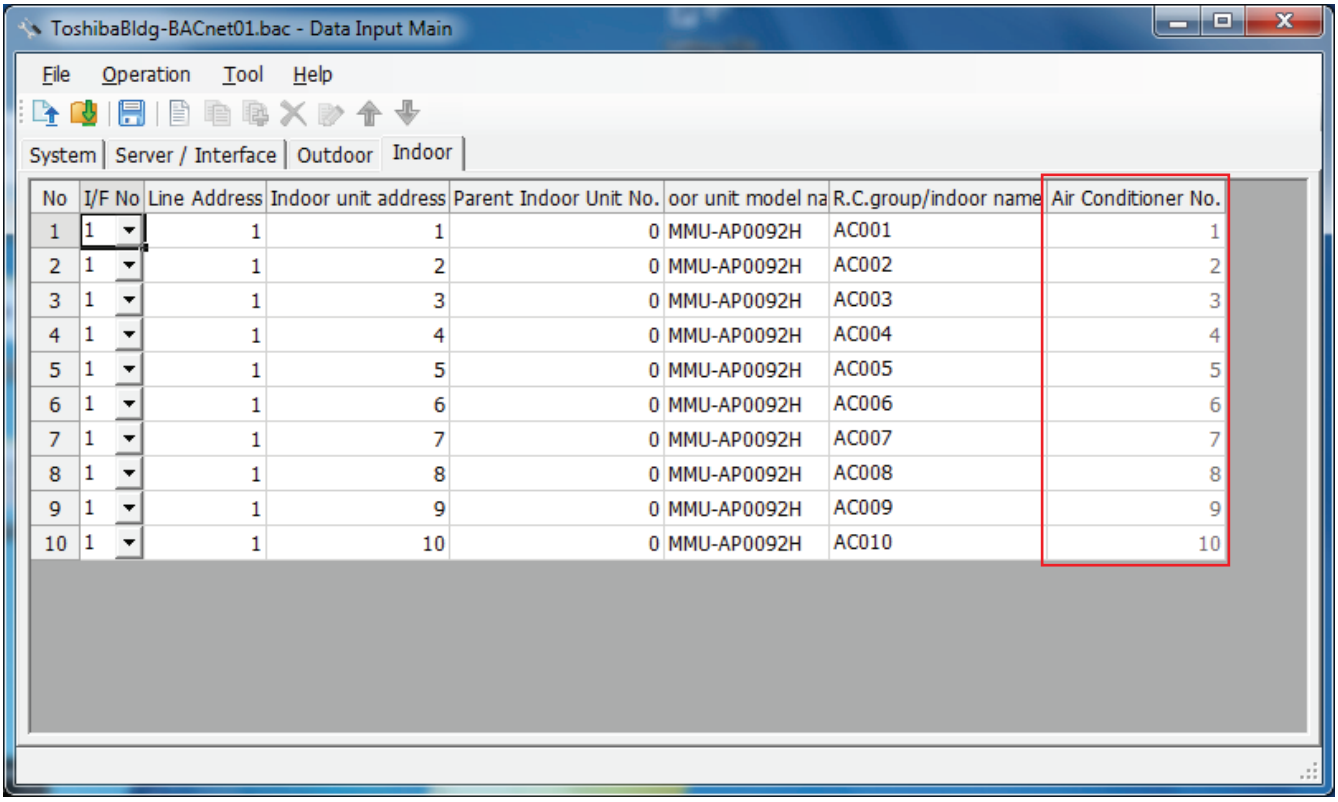


Fig.296 Overwrite confirmation dialog box

Outputting Files

The air conditioner number is used as the identifier (address) for the air conditioner on the system when it is connected to the system.
This number is automatically indexed when a file is output, if an indoor unit is added, deleted, or moved on the indoor tab, the air conditioner number before the change may be different after the change.
Because of this, if the operation above is done, the air conditioner number is changed and the address may be incorrect when reconnecting to the system (The air conditioner may not operate or a different air conditioner may operate).
If you change the settings on the indoor tab, it may change the air conditioner number used on the system, therefore note that it may be necessary to reset the system when outputting the file and uploading to the BACnet local server.



No	I/F No	Line Address	Indoor unit address	Parent Indoor Unit No.	oor unit model na	R.C.group/indoor name	Air Conditioner No.
1	1	1	1	0	MMU-AP0092H	AC001	1
2	1	1	2	0	MMU-AP0092H	AC002	2
3	1	1	3	0	MMU-AP0092H	AC003	3
4	1	1	4	0	MMU-AP0092H	AC004	4
5	1	1	5	0	MMU-AP0092H	AC005	5
6	1	1	6	0	MMU-AP0092H	AC006	6
7	1	1	7	0	MMU-AP0092H	AC007	7
8	1	1	8	0	MMU-AP0092H	AC008	8
9	1	1	9	0	MMU-AP0092H	AC009	9
10	1	1	10	0	MMU-AP0092H	AC010	10

Fig.297 Indoor screen

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

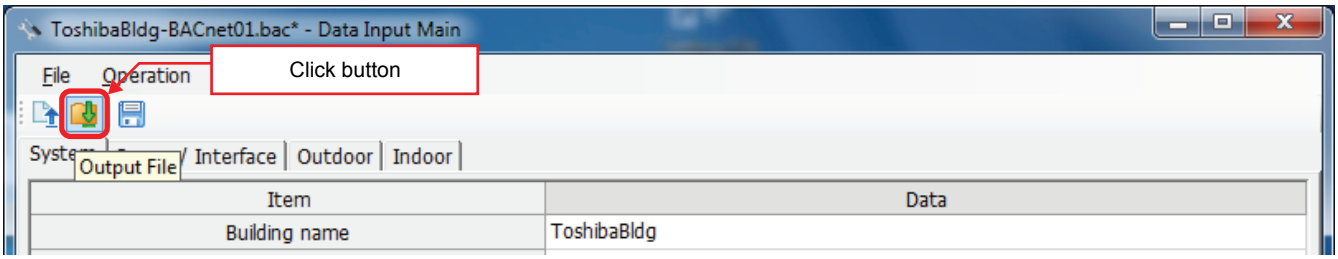


Fig.298 [Output File] button

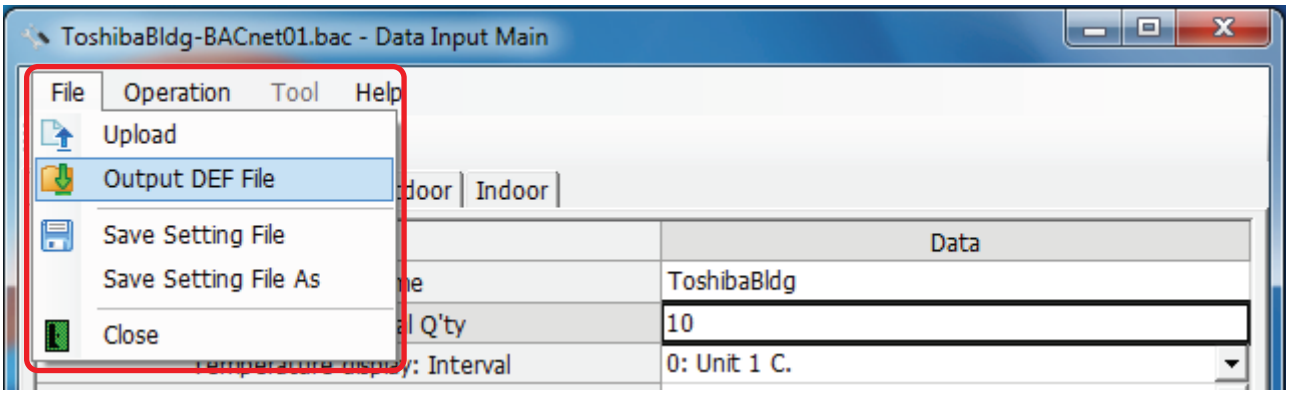


Fig.299 [Output DEF File] menu

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.

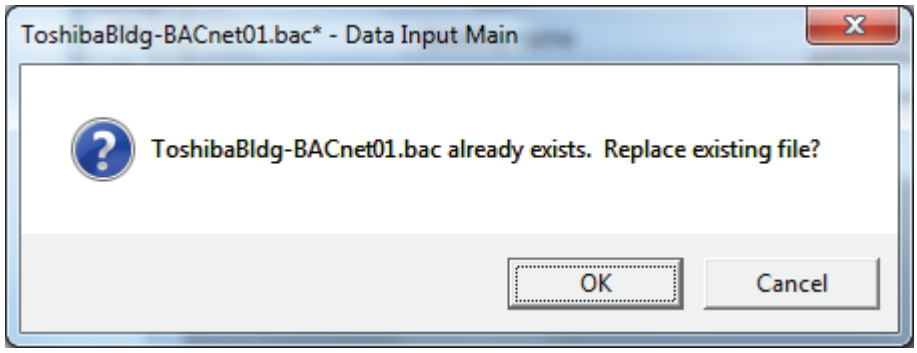


Fig.300 Overwrite confirmation dialog box

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

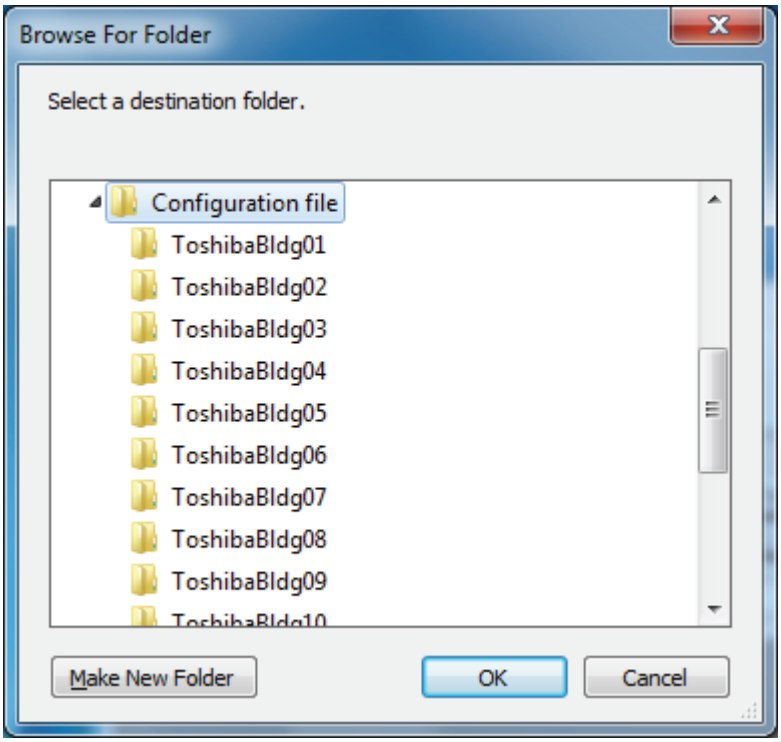


Fig.301 [Browse For Folder] screen

EN

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.

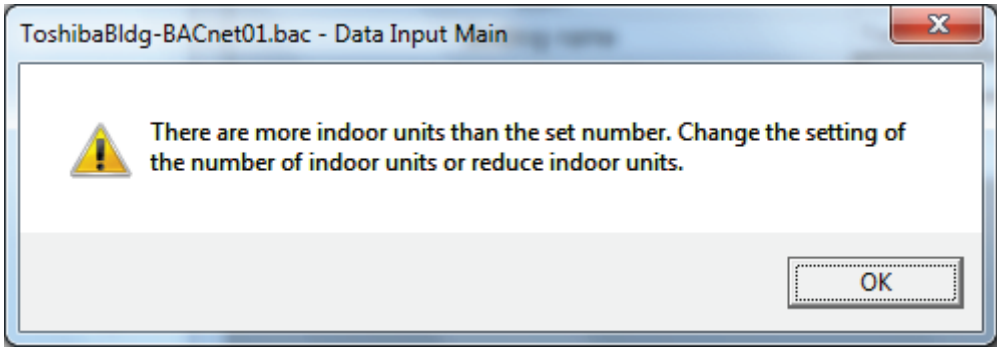


Fig.302 Example of error message box

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.

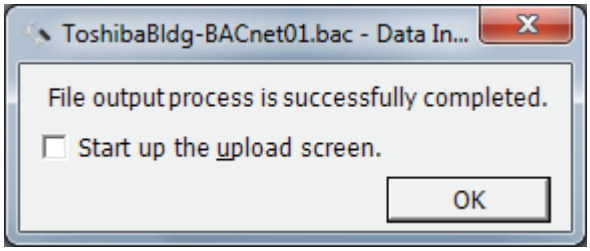


Fig.303 DEF file output complete dialog box

Deleting a File History

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

- Delete Selected History
- Delete All

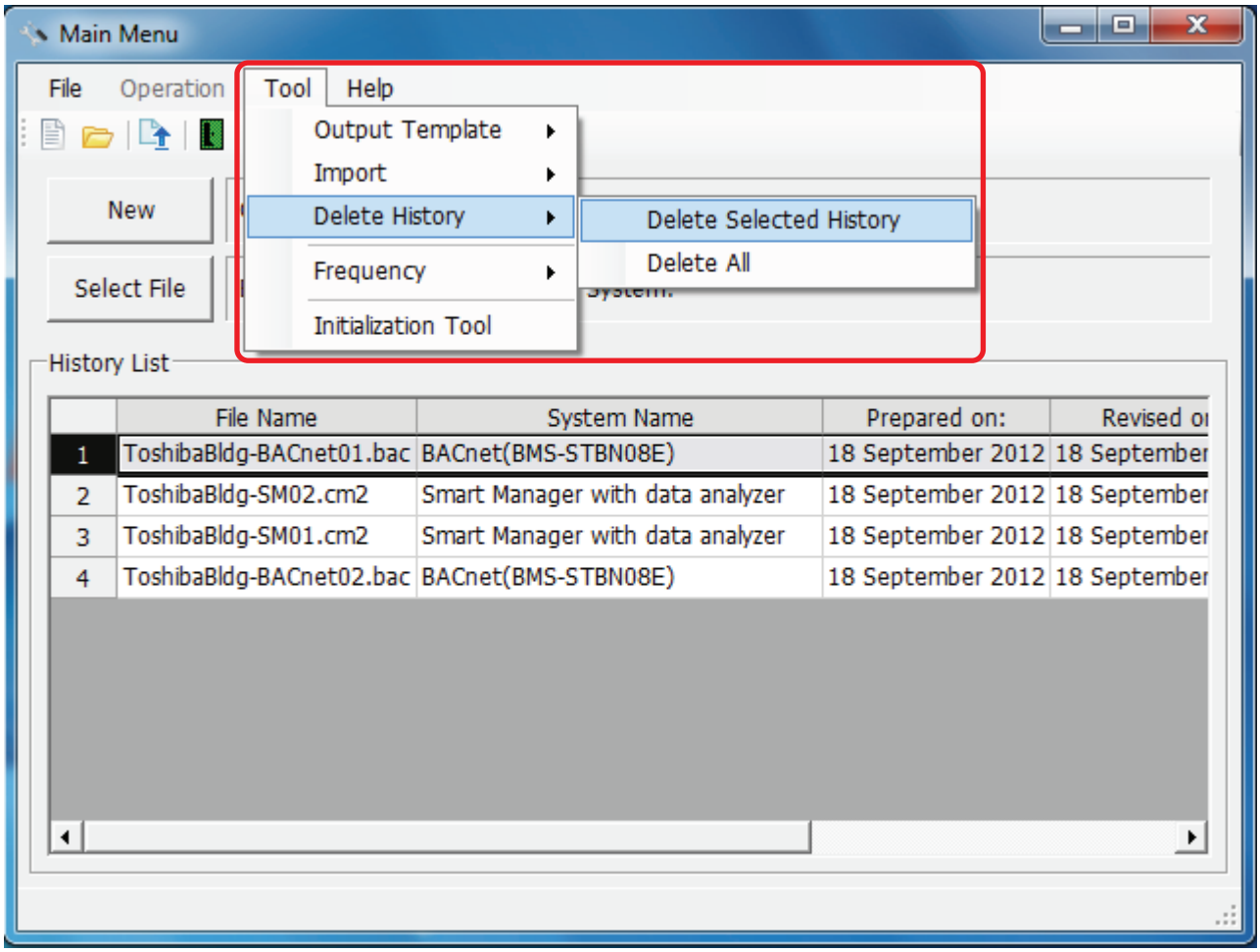


Fig.304 [Main Menu] screen (Delete History)

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.

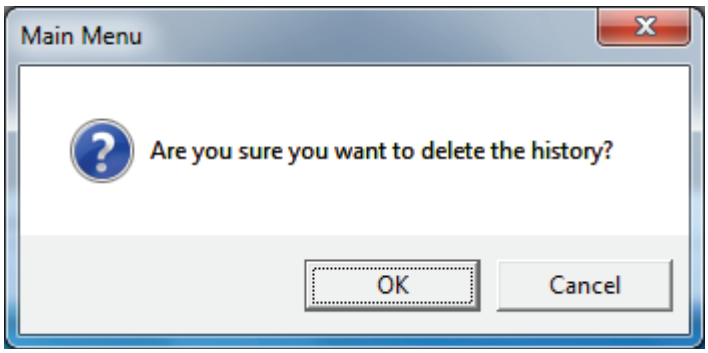


Fig.305 Deletion confirmation dialog box

EN

■ Uploading a setting file (DEF File)

Uploading a Setting File (DEF File)

Click the [Upload] button or select the [File] menu then [Upload] on the [Main Menu] screen (Fig.2) or [Data Input Main] screen (Fig.4). The Upload Settings screen (Fig.14) appears.

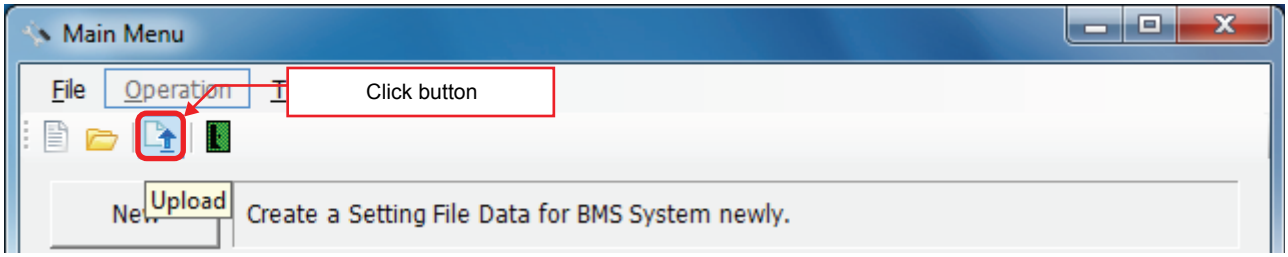


Fig.306 [Main Menu] screen (Upload button)

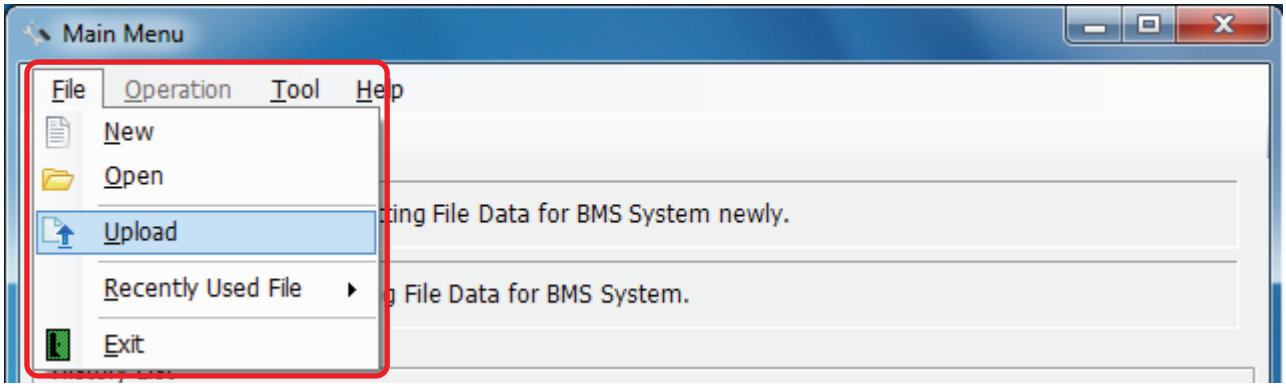


Fig.307 [Main Menu] screen (Upload menu)

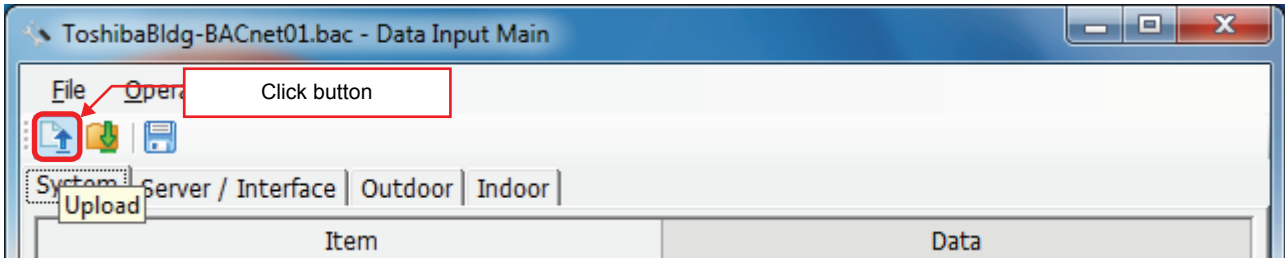


Fig.308 [Data Input Main] screen (Upload button)

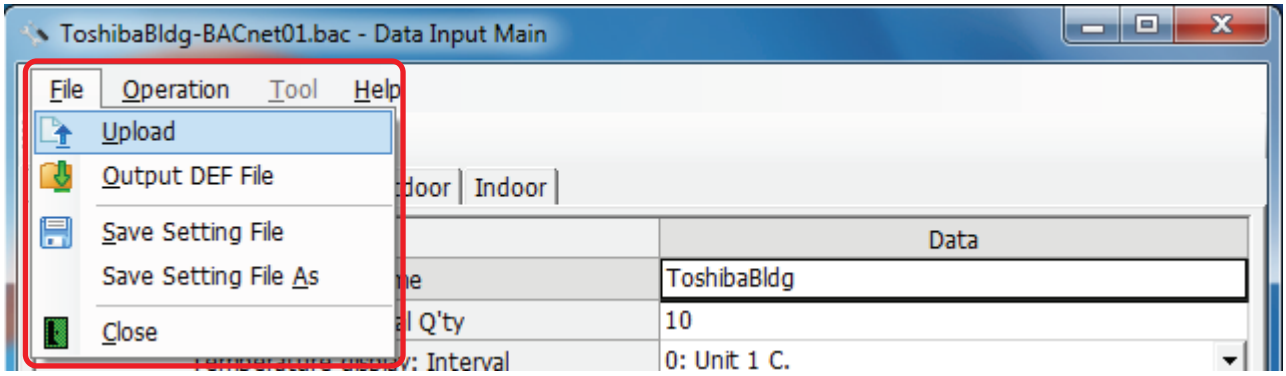


Fig.309 [Data Input Main] screen (Upload menu)

Specifying Setting File Data

Specify the setting file data to upload.

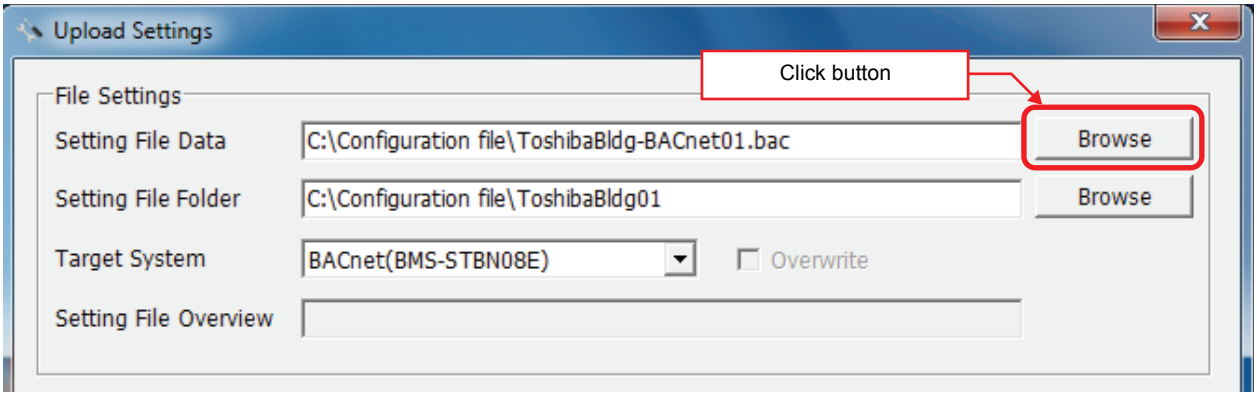


Fig.310 [Upload Settings] screen (Specify file directly)

Select a file on the Open screen.

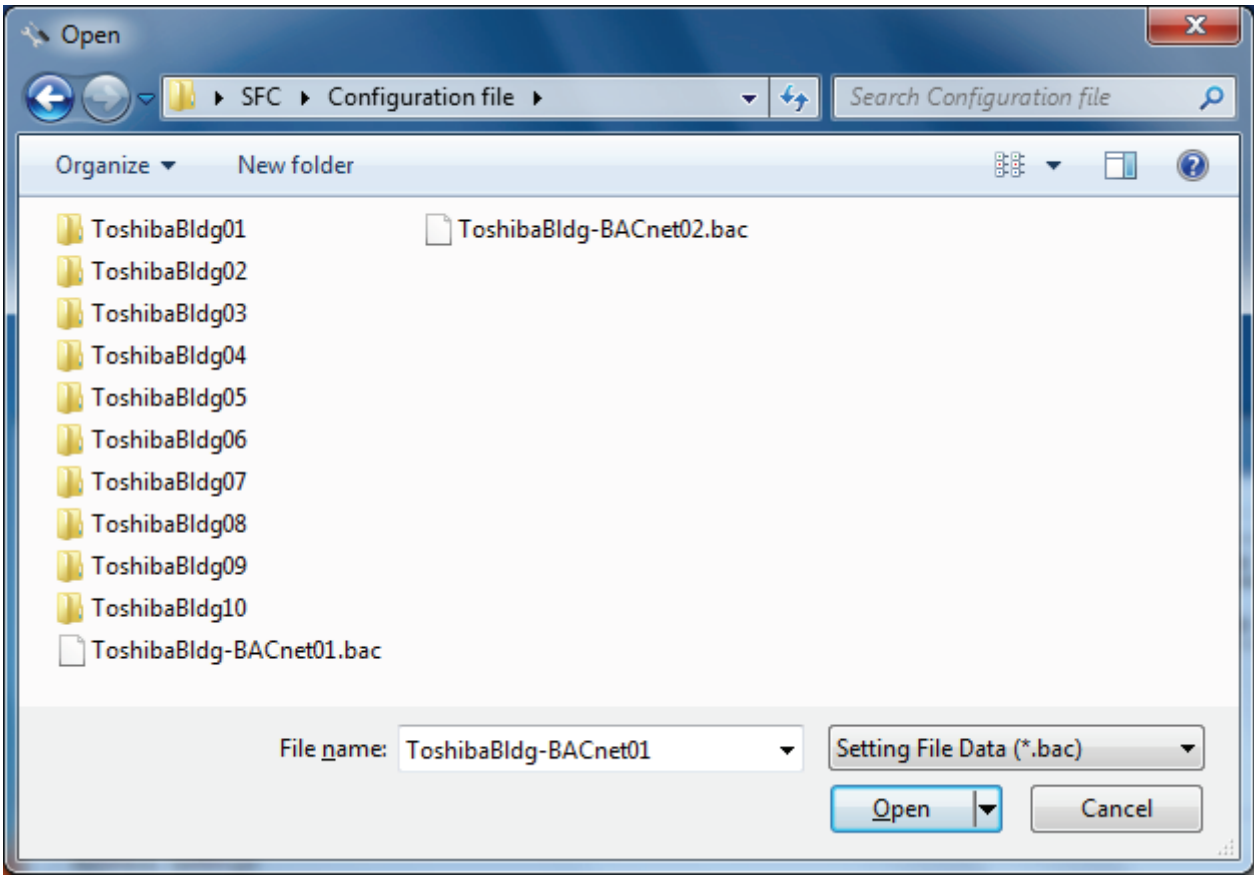


Fig.311 [Open] screen

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Specifying a Setting File Folder

Select a folder.

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

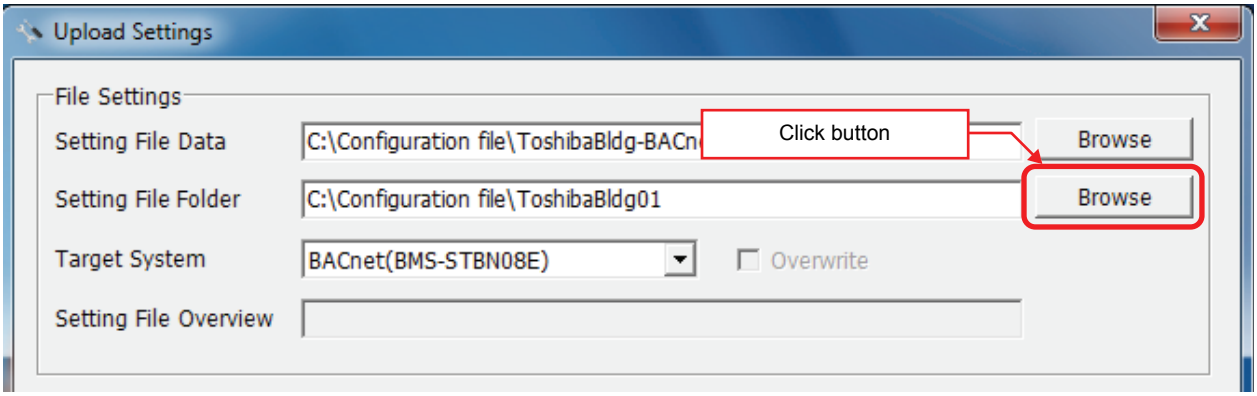


Fig.312 [Upload Settings] screen (Specify folder directly)

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

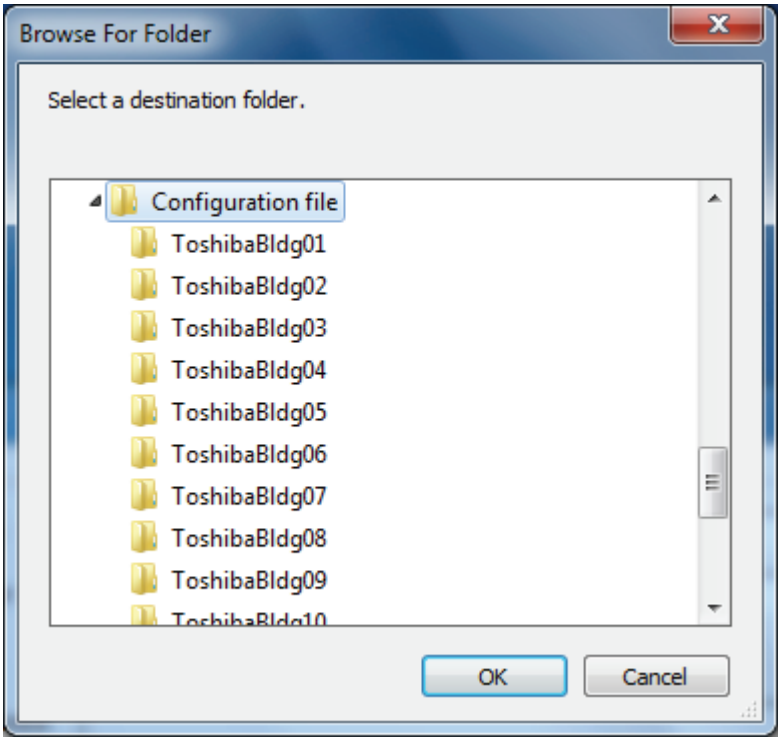


Fig.313 [Browse For Folder] screen

Specifying a Target System

Select a destination system to upload the file to.
When setting file data is specified, the target system is automatically selected “BACnet (BMS-STBNxxx)”

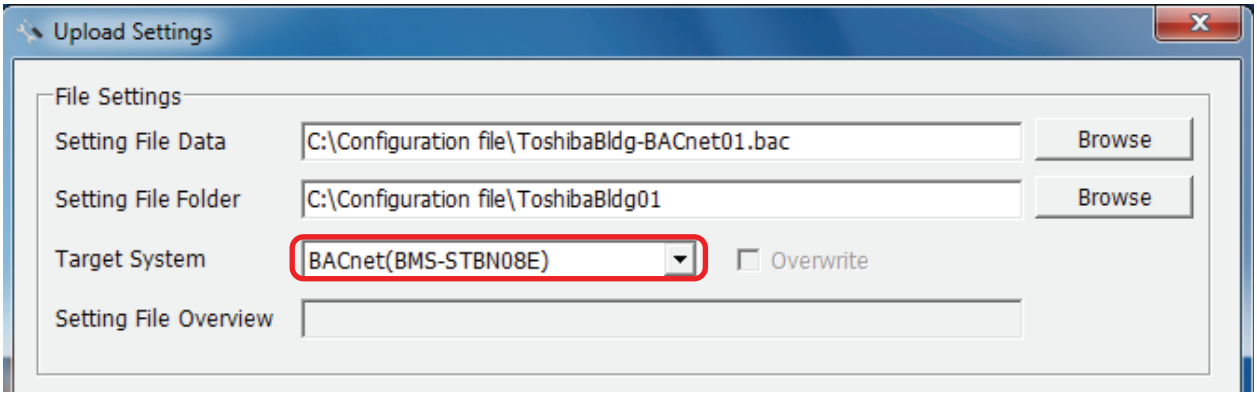


Fig.314 [Upload Settings] screen (Target System)

Regarding the IP address

If the target system is BACnet, uploading to the server can only be done from Port2 of the BACnet server.The IP address of Port2 is fixed as 192.168.0.99, the IP address of Port2 cannot be changed. Also, before uploading it is necessary to change the IP address to 192.168.2.98 and the subnet mask to 255.255.255.0 for the PC that is using this software. If the change is not done, the upload is not possible.

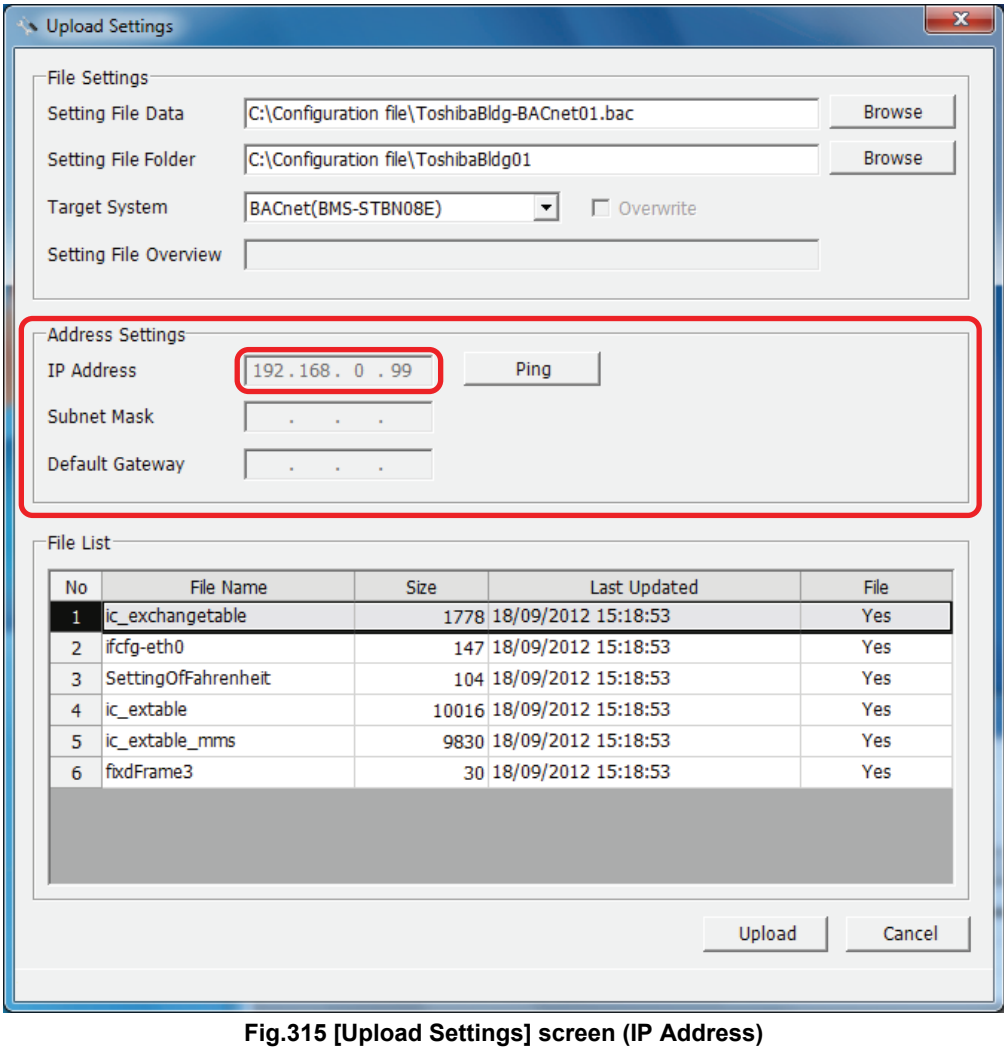


Fig.315 [Upload Settings] screen (IP Address)

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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 (Specifying Setting File Data) has been completed, click the Upload button. The upload starts.



Fig.316 [Upload Settings] screen (Upload button)

The progress bar is displayed during the upload.

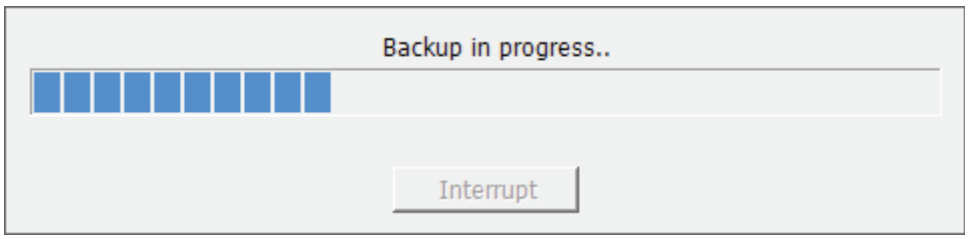


Fig.317 Progress bar

⚠ CAUTION

If BACnet server is shut down during upload, stored data may be damaged and the server may not operate.
Do not shut down the server during upload.

■ 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 - 128
Temperature display: Interval	Unit of temperature interval	0: Unit 1 °C. 1: Unit 0.5 °C.
Temperature display: C./F.	Celsius / Fahrenheit	0: °C. 1: °F.

Server Setting Tab

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

Item	Content	Data type / range
IP Address	IP address of the server	Numeric value
Subnet Mask	Subnet mask of the server	Numeric value
Default Gateway	Gateway of the server	Numeric value
TCS-net Relay Interface Q'ty.	Number of TCS-net relay interfaces	1 - 8

Interface Address Tab

The following table shows the settings configured on the Interface Address tab:

Item	Content	Data type / range
TCS-net relay Interface		
Address Data	Interface number	1 - 8

Outdoor Tab

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

Item	Content	Data type / range
IF No	Select the TCS-net Relay Interface address	1 - 8
Line address	Refrigerant line number	1 - 28
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	Characters (Up to 100 bytes, Forbidden: " ' > < : ; , # &)
Outdoor unit address	Unit number	

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Indoor Tab

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

Item	Content	Data type / range
IF No	Select the TCS-net Relay Interface address	1 - 8
Line address	Refrigerant line number	1 - 31
Indoor unit address	Unit number	1 - 64
Parent Indoor Unit No.	Number to distinguish parent and child	0: Parent 1 - 128: Child
Indoor unit model name	Select the indoor unit models	
R.C.group / indoor name	Enter the line name	Characters (Up to 100 bytes, Forbidden: “ ' > < : ; , # &)
Air Conditioner No.	Air-conditioner number	1 - 128

■ Initialization tool

There is an initialization function to return the system to the factory settings, a function to download setting information from the BACnet local server, and a function to update versions of the BACnet local server software.

Starting the Initialization Tool

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

Menu of the Setting File Creation Software for North America

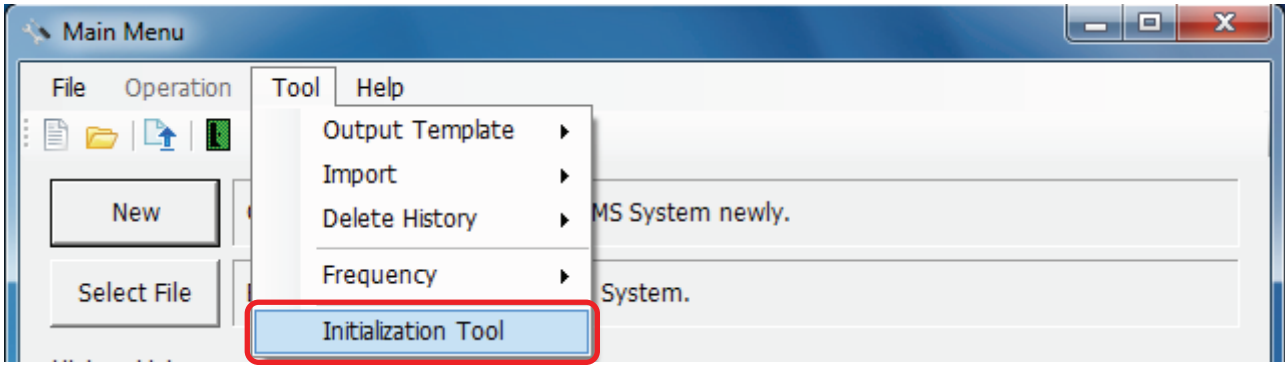


Fig.318 [Main Menu] screen (Initialization Tool)

Windows menu

Select [Start] > [All Programs] > [Toshiba] > [Setting File Creation Software for North America] > [Initialization Tool].

Exiting the Initialization Tool

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

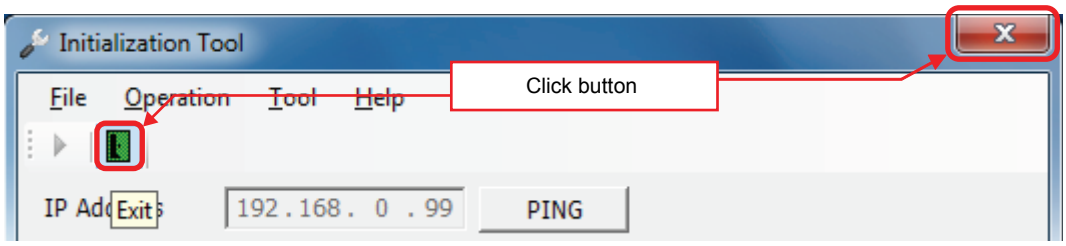


Fig.319 [Main Menu] screen (Close button / Exit button)

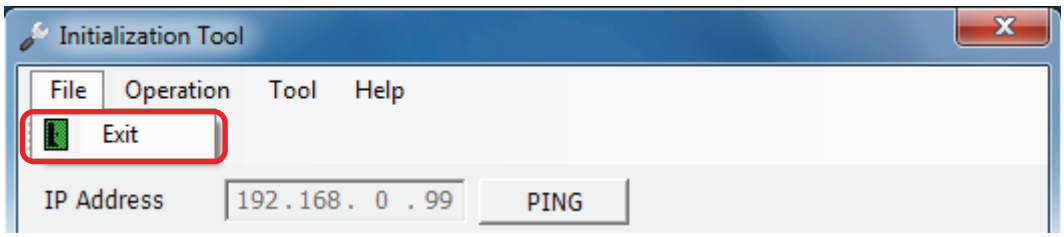


Fig.320 [Main Menu] screen (Exit menu)

The exit confirmation dialog box appears.
Click [Yes] to exit, or [No] to cancel exiting.

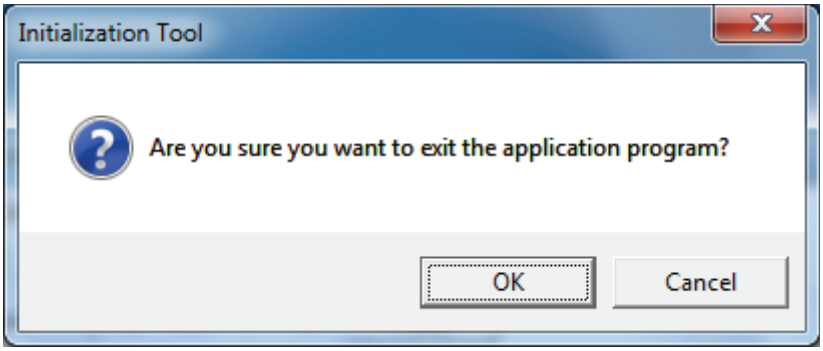


Fig.321 Exit confirmation dialog box

Initializing a system

You can reset a target system to its default settings. All data in the system will be deleted.
Follow the procedure below:

1 **Specify an IP address.**

2 **Select the target system (BMS-STBNxxx).**

3 **Specify a backup folder. (Fig.323)**
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:\Documents and Settings\All Users\Application Data\Toshiba Carrier Corporation\Initialization Tool\backup” in Windows XP, or “C:\Program Data\Toshiba CarrierCorporation\Initialization Tool\backup” in Windows Vista/7. This folder is a hidden folder. To show the folder, you need to change the “Folder Options” settings.

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

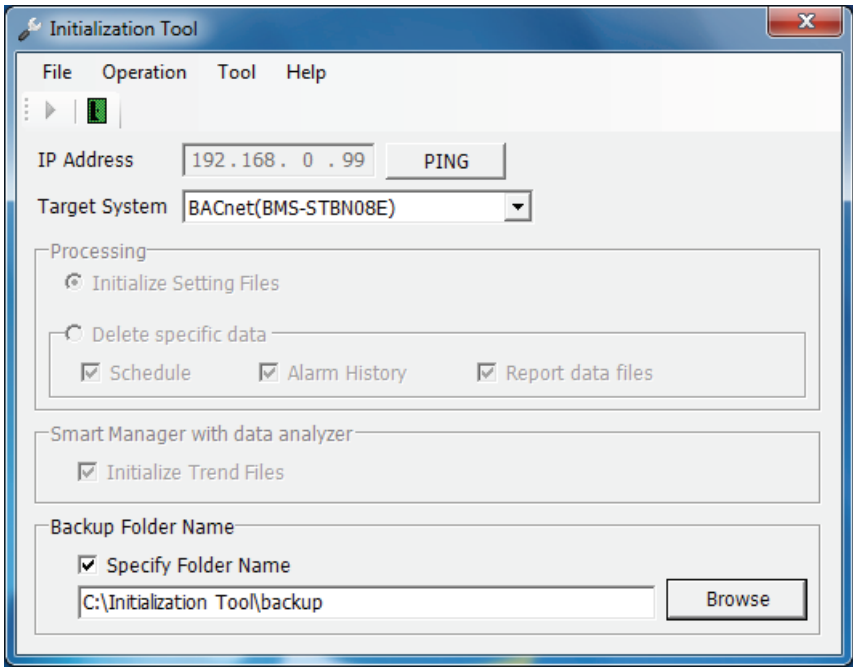


Fig.322 [Initialization Tool] screen

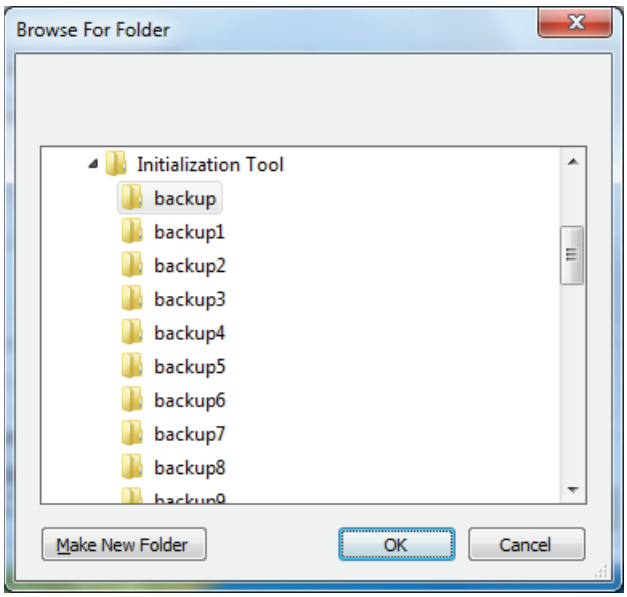


Fig.323 [Browse For Folder] screen

5 **Select the [Tool] menu then [Initialize System].**

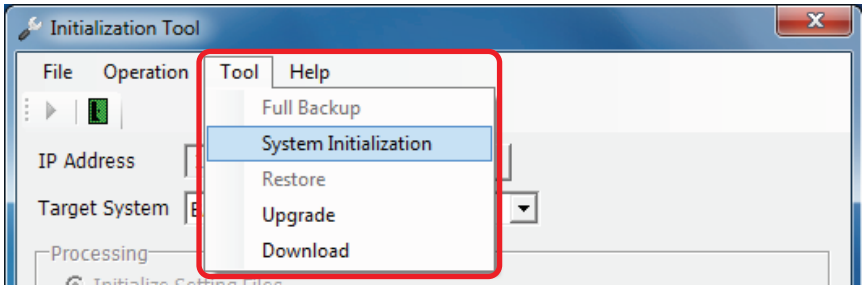


Fig.324 [Initialization] screen (Initialize System menu)

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

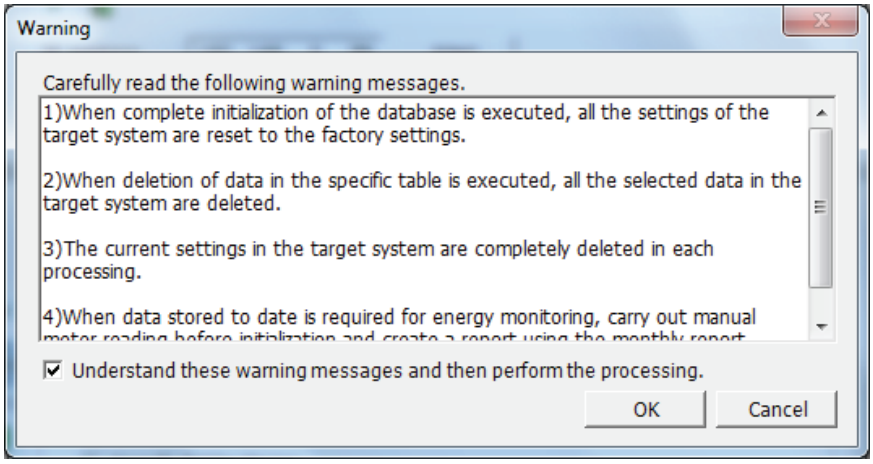


Fig.325 [Warning] screen

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

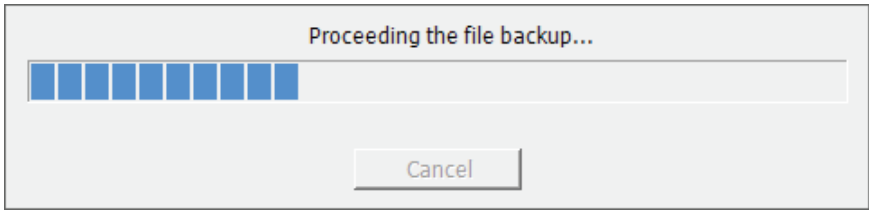


Fig.326 Progress bar

8 **If the initialization is completed successfully, the completion dialog box appears.**

9 **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.

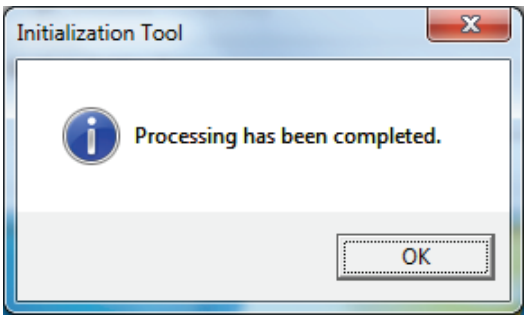


Fig.327 Completion dialog box

Downloading data

You can download setting data from the BACnet local server.
Follow the procedure below:

1 **Specify an IP address.**

2 **Select the target system (BMS-STBNxxx).**

3 **Specify a folder in which to download. (Fig.329)**
Specify a folder in which to save the files downloaded from the BACnet local server. If you do not specify a folder, files are saved to "C:\Documents and Settings\All Users\Application Data\Toshiba Carrier Corporation\Initialization Tool\backup", in Windows XP or to "C:\Program Data\Toshiba CarrierCorporation\Initialization Tool\backup", in Windows Vista/7. This folder is a hidden folder. To show the folder, you need to change the "Folder Options" settings.

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

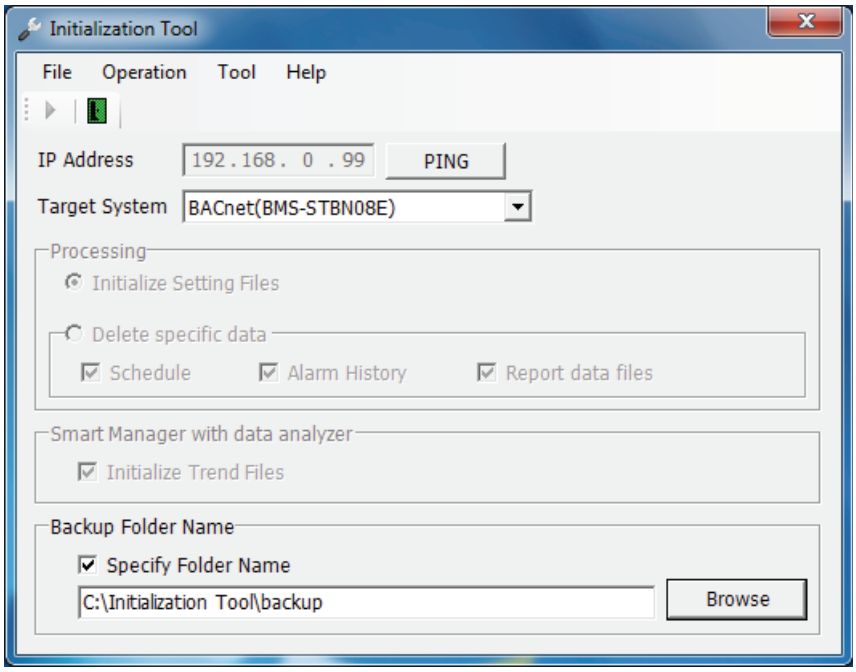


Fig.328 [Initialization Tool] screen

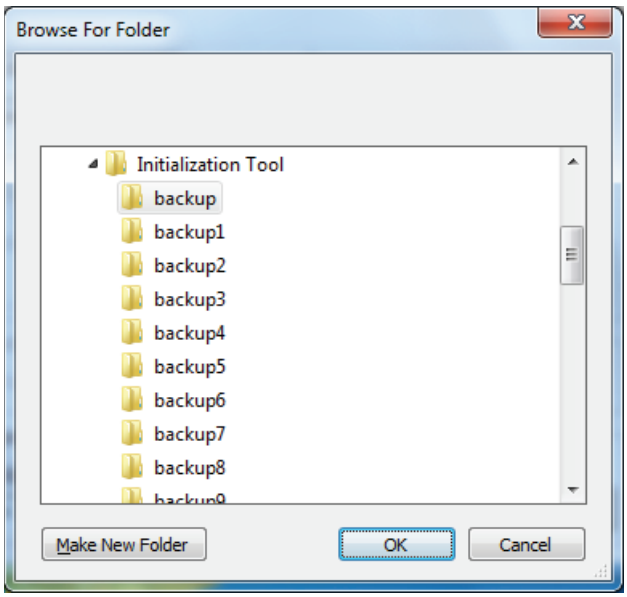


Fig.329 [Browse For Folder] screen

EN

5 **Select the [Tool] menu then [Download].**

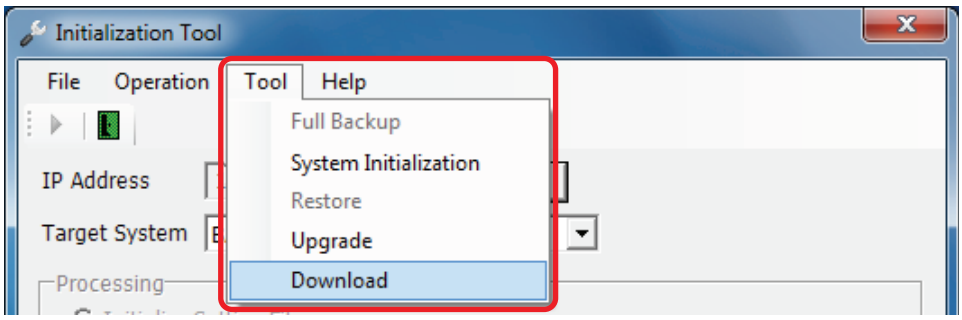


Fig.330 [Initialization] screen (Download menu)

6 **The download starts and the progress bar appears.**

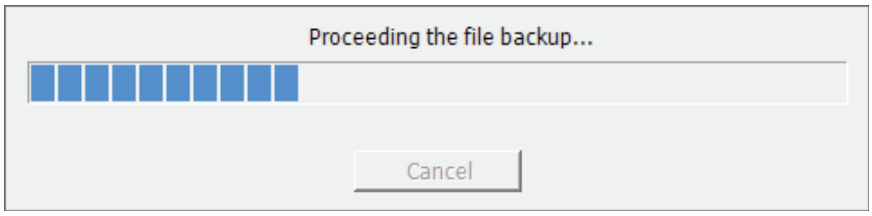


Fig.331 Progress bar

7 **If the download is completed successfully, the completion dialog box appears.**

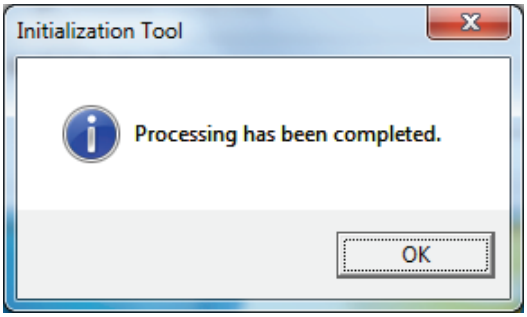


Fig.332 Completion dialog box

Upgrading

This function upgrades the software of the BACnet local server.

NOTE

An upgraded function cannot be downgraded. The upgrade is performed by connecting the target device to a computer containing this software via a network. If the network is disconnected or the power is turned off during the upgrade, the system may malfunction.

Perform the following procedure to upgrade:

1 **Specify an IP address.**

2 **Select the target system (BMS-STBNxxx).**

3 **Specify a backup folder. (Fig.333)**
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:\Documents and Settings\All Users\Application Data\Toshiba Carrier Corporation\Initialization Tool\backup” in Windows XP, or “C:\Program Data\Toshiba Carrier Corporation\Initialization Tool\backup” in Windows Vista/7. This folder is a hidden folder. To show the folder, you need to change the “Folder Options” settings.

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

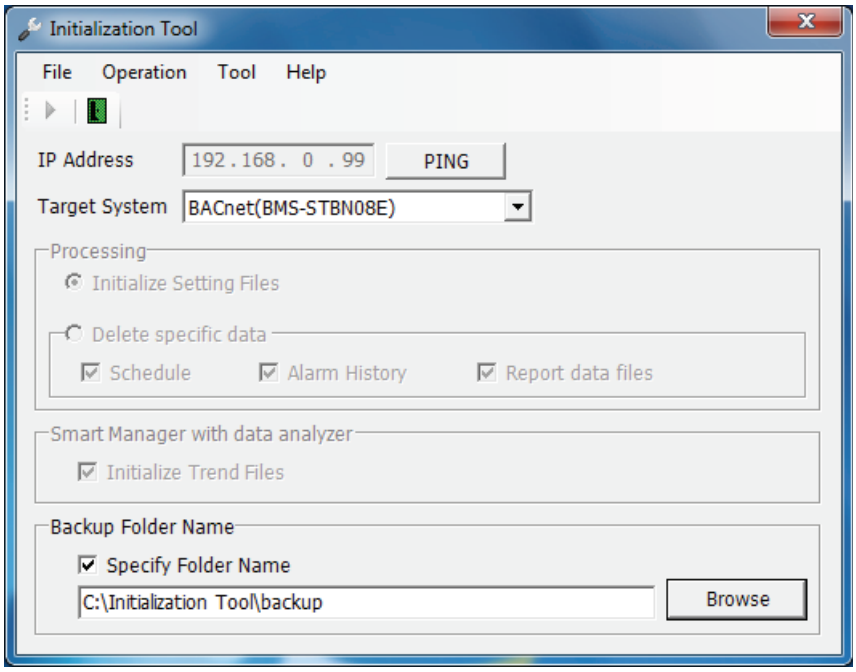


Fig.333 [Initialization Tool] screen

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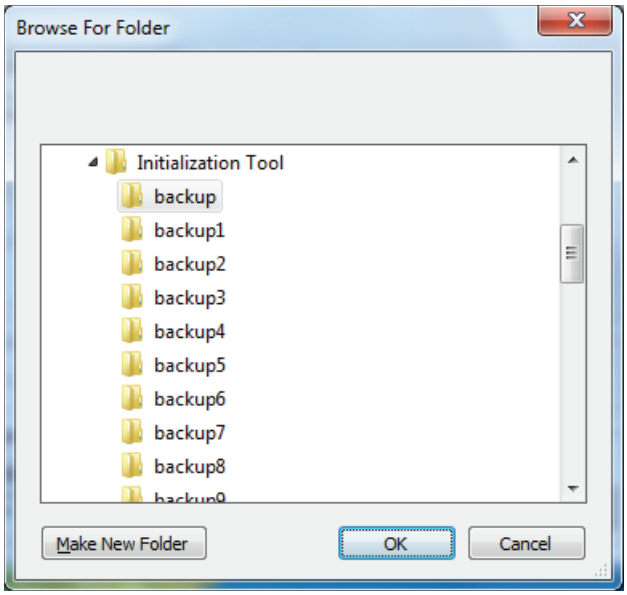


Fig.334 [Browse For Folder] screen

5 **Select the [Tool] menu then [Up grade].**

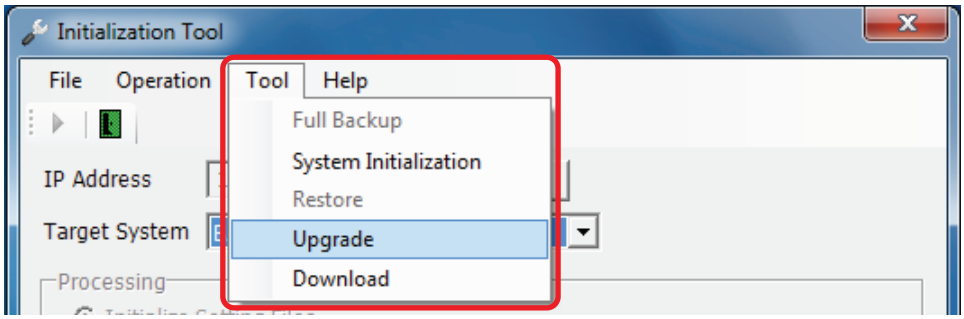


Fig.335 [Initialization] screen (Up grade menu)

6 **The Check Destination Folder screen appears.**

7 **Click the [Browse] button, and select the folder containing the Up grade data on the displayed Browse For Folder screen (Fig.336).**

8 **Click the [OK] button.**

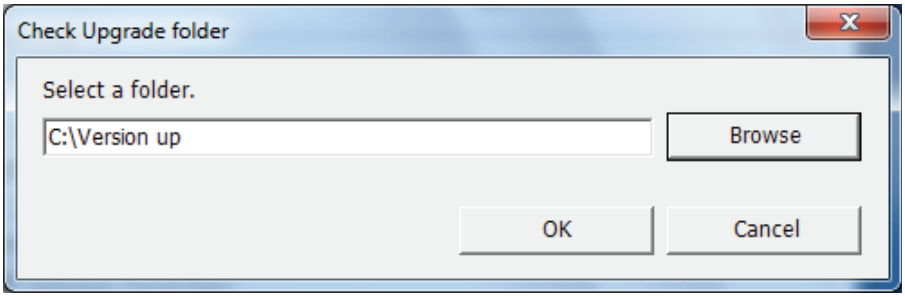


Fig.336 [Check Destination Folder] screen

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

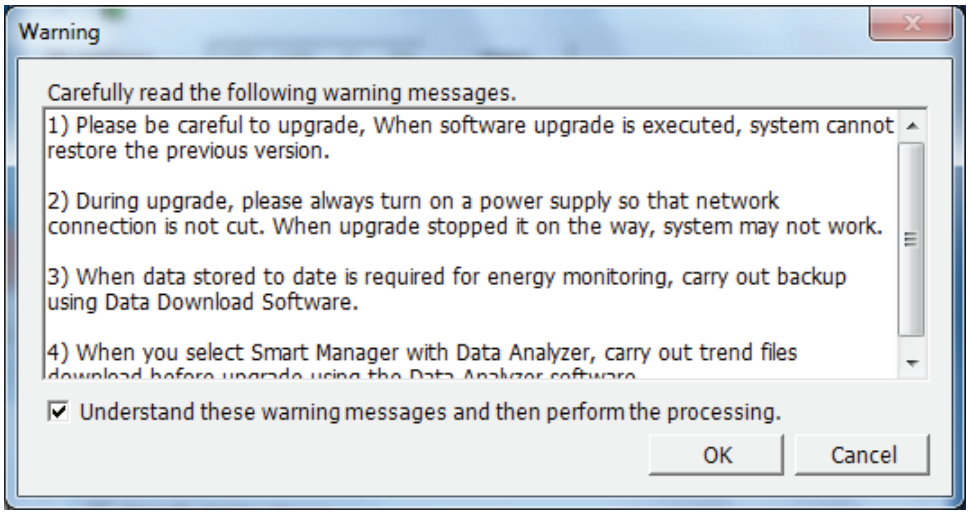


Fig.337 [Warning] screen

10 **Click the [OK] button.**

The up grade starts, and the progress bar appears.

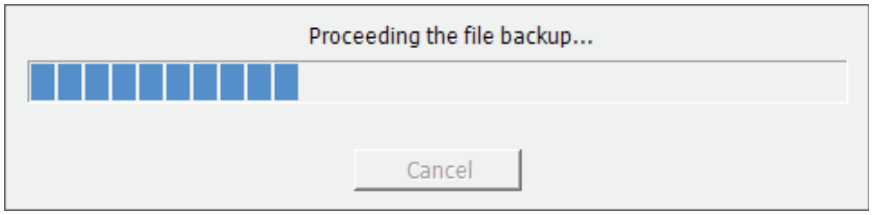


Fig.338 Progress bar

11 **If the Version Up is completed successfully, the completion dialog box appears.**

The version of the upgraded software appears.

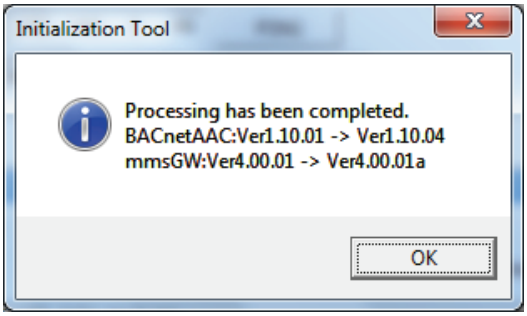


Fig.339 Completion dialog box

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