

Operating Instructions Report Creation Software for North America

English

Contents

1	Overv	iew	4
2	Opera	ting environment	4
3	Install	ation precautions	4
4	Repor	t Creation Software features	5
	4-1.	Checking previous reports	
	4-2.	Creating monthly and daily reports automatically	
	4-3.	Creating summary sheets	
	4-4.	Displaying monthly reports, daily reports and summary sheets	
	4-5.	Setting report items and distribution for each system	9
	4-6.	Checking the software run history	. 10
	4-7.	Checking the version information	. 11
	4-8.	Minimizing the window	. 12
5	Usina	Report Creation Software	. 13
-	5-1.	Starting up and exiting Report Creation Software	
		5-1-1. Starting up Report Creation Software	
		5-1-2. Exiting Report Creation Software	. 14
	5-2.	Registering target system information	. 15
	5-3.	Adding a target system	. 22
	5-4.	Editing a target system	. 23
	5-5.	Deleting a target system	. 24
	5-6.	Changing the display format of the registered systems list	. 25
	5-7.	Creating monthly / daily reports	. 27
	5-8.	Recreating monthly / daily reports	. 29
	5-9.	Creating summary sheets	. 32
	5-10.	Displaying monthly reports / daily reports / summary sheets	. 35
		5-10-1. Displaying monthly reports	
		5-10-2. Displaying daily reports	
		5-10-3. Displaying summary sheets	
		5-10-4. Hiding the header and footer	
		5-10-6. Viewing a print preview of the displayed report	
		5-10-7. Displaying multiple report windows	
	5-11.	Changing the software display language	. 42
	5-12.	Deleting the software run history	
	5-13.	Copying files from external media	. 44
6	The au	utomatic download function	. 46

7	The ba	ackup function	47
	7-1.	Registering target system information	47
	7-2.	Adding a target system	51
	7-3.	Editing a target system	52
	7-4.	Deleting a target system	53
	7-5.	Changing the display format of the registered systems list	54
	7-6.	Performing manual backup	56
8	Cautio	ns	57
	8-1.	"** exception **" and "** no name **" on the monthly report screen	57
9	Licens	e agreement	58

1 Overview

"Report Creation Software" is software that creates monthly reports based on the operation results of individual air conditioning units within the air conditioning control system. The software also includes electrical power distribution and charge calculation functions.

The electrical power distribution function distributes the amount of electricity used for each air conditioner, based on the power meter pulse-integrated value measured in the air conditioning control system.

The charge calculation function calculates the charge for each air conditioning unit based on the electric unit price and the amount of electricity distributed to each air conditioner.

Files can be saved in Excel, CSV and PDF formats.

- Using the accumulated power meter with pulse output, the system calculates the distribution of power accumulated by pulse conversion according to the load proportion estimated for each air-conditioner. The result is not calculated based on the Measurement Act and cannot be used officially.
- Even if the operation hour is the same, the amount of power consumed varies depending on operating conditions such as the location of the air-conditioner, the set temperature, and the outdoor temperature.
- The air-conditioner stays on for protection, even while stopped, and power is consumed. Therefore the system also calculates power consumed while the air-conditioner is not in use.
- The system calculates the distribution of power according to the load proportion estimated for each air-conditioner. Therefore the result may differ from the actual amount of power consumed.
- If a single power meter is installed in multiple air-conditioners, the total power is distributed. The result may differ when a power meter is installed in each air-conditioner.
- The system calculates the pulse output using the accumulated power meter with pulse output. The result may differ from the actual amount of power consumed depending on the precision of the power meter. In particular, when the amount of electricity consumed in operation is low (when stopped, etc.), the result may differ from the actual amount of power consumed.
- Please note that we bear no responsibility for any damage or problems that occur due to the system's distribution calculation, data loss, etc.
- The calculation result contains rounding errors.
- The system only supports the distribution calculation of power consumed by the air-conditioner. Please note the above when you use it.

2 Operating environment

The following is the ideal operating environment for this software:

Item	Necessary environment
Operating System	Windows 7, Windows 8
Office System	Office 2007, 2010, 2013

The runtime library below is installed before Report Creation Software is installed.

- Microsoft®.NET Framework 4.0
- "Windows 7", "Windows 8" and "Microsoft Office" are trademarks or registered trademarks of Microsoft Corporation in the United States and other countries.
- Adobe, the Adobe Logo, Adobe Reader and Adobe Acrobat are trademarks or registered trademarks of Adobe Systems Incorporated in the United States and other countries.
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3 Installation precautions

If a previous version of this software (Monthly Report Creation Software, Data Download Software) is already installed, uninstall it first, and then install Report Creation Software. If the previous version of the software is not uninstalled, Report Creation Software may not work properly.

4 Report Creation Software features

4-1. Checking previous reports

Previous reports (monthly reports / daily reports / summary sheets) can be checked on the main screen. Click the monthly calendar / daily calendar button, select Creation history of summary sheet, or click View report in the [Run] menu to display previous reports.

😿 Report Ci	reation	Softwa	are								
File Rur	n To	ols	Help								
	G	←	Refre	sh the	e disp	lay					
System se	lection -						Hover the mouse over the month to see how many Monthly reports and Manual				
Toshiba C			_	_		_	meter reading files can be downloaded.				
Month(s) selection											
<	2013		>	1	2	3	4 5 6 7 8 9 10 11 12				
Day(s) sel	ection						Creation history of summar sheet				
<		9	Sep/201	.3		>	Creation date Starting date Ending date				
Sun	Mon	Tue	Wed	Thu	Fri	Sat	27/Sep/2013 06:06 21/Sep/2013 25/Sep/201				
1	2	3	4	5			There is a manual meter reading daily report file. 0/Sep/201 S/Sep/201				
8	9	10	11	12	13	14	07/Sep/2013 04:58 01/Sep/2013 05/Sep/201				
15	16	17	18	19	20	21					
22	23	24	25	26	27		3D display				
29	30										
	1	2	2D dis	play]		•				
							Display quantity: 0 Remaining: 32				

Fig.4-1 [Main screen]

The month / date buttons are displayed in 2D or 3D. The display format changes according to the availability of downloaded or previously created monthly report (including manual meter readings) or daily report files.

Table.4-1 [2D/3D display of month / date buttons]

Format	Display conditions	Button selection
2D	When there are no downloaded files or previous report files.	Not selectable
3D	When there are downloaded files or previous report files.	Selectable

The background colour of the date button changes according to the selected monthly report closing dates.

Table.4-2 [Date button colours]

	Not a monthly re	port closing date	Monthly report	rt closing date
	Monday to Friday	Saturday / Sunday	First selected monthly report closing date	Second selected monthly report closing date
Background colour	Grey	Dark grey	Green	Orange

Date buttons are underlined when there is a manual meter reading daily report file for that date. (Only for – Type: Touch Screen Controller / Model: BMS-CT5120)

4-2. Creating monthly and daily reports automatically

When "Automatic download" is selected during system registration, monthly and daily reports are automatically created at the set "Time of automatic download".

🞖 System registration							
File Run Help							
System	Toshiba Carr	Toshiba Carrier					
Туре	Smart BMS	Manager					
Model	BMS-SM128	BOHTLUL					
IP Address	192.168.2.3	32					
Daily report closing time	23:59						
Monthly report closing date	31						
Automatic download	V	Select					
Time of automatic download	00:31						
Data save folder	C:\Users\Us	ser\AppData\Local\Toshiba Carrier Corporation\Report Creation Software for North Ame 📖					
sat	C\lleare\lle	carl AnnDatall acall Tachiha Carrier Corneration\Renart Creation Software for North Ame 🦳 🌹					
Charging rate settings							
Time span	In working hours	Out of working hours					
Electricity bill unit price for 1 kWh	23.45	9.87					
•		•					

Fig.4-2 [The system registration screen]

The following formats are available: Excel (extension: xlsx), CSV (extension: csv) and PDF (extension: pdf*3). Created files are as follows:

No.	File name	File name format	Example file name	Notes
1	First monthly report closing date meter reading file	M_YYYYMM.(extension)	For September 2013 - M_201309.(extension)	*1
2	Second monthly report closing date meter reading file	M_YYYYMM_A.(extension)	For September 2013 - M_201309_A.(extension)	*2
3	Manual meter reading file	M_YYYYMM_nn.(extension)	For September 2013 - M_201309_01.(extension)	*2
4	Daily report file	YYYYMMDD.(extension)	For September 1st, 2013 - 20130901.(extension)	
5	Summary sheet file	YYYYMMDD_aabb-YYY YMMDD_ccdd.(extension)	For September 1st to 2nd, 2013, 20130901_0000-20130902_0000.(extension)	*4

Table.4-3 [Created files]

*1. When two meter readings are performed each month, the first meter reading is the "First monthly report closing date meter reading file", and the second is the "Second monthly report closing date meter reading file". When there is only one meter reading per month, only the "First monthly report closing date meter reading file" is created.

*2. "nn" represents the number of readings performed in the same month (the first reading is 01, the second reading is 02, etc.)

*3. "_L" is added to the PDF file name of the list, "_SS1" to summary sheet 1, and "_SS2" to summary sheet 2.

(Only for - Type: Touch Screen Controller / Model: BMS-CT5120)

4-3. Creating summary sheets

A summary sheet for a specified period can be created using daily reports created on a target system.

🌃 Create sumr	nary sheet				x
File Run	Help				
5					
System					
Toshiba Carr	ier				
-Set Starting d	ate and Ending date	-			
Sep/01/201	3	E =1 -	Sep/10/2013		

Fig.4-3 [The create summary sheet screen]

4-4. Displaying monthly reports, daily reports and summary sheets

Monthly reports, daily reports and summary sheets can be displayed. Multiple reports can be displayed, and they can be displayed side by side for comparison.

₽ 🔍							
🞖 Aug/201	.3						x
List Sur	nmary sheet 1	Summary sheet 2					
Number	Floor	Tenant	Area	Unit	Operation hours [h]	Power	-
1	block1	tenant1	area1	unit1-1-1	300.00		1
2	block1	tenant1	area1	unit1-1-2	200.00		
					200.00		
3	block1	tenant1	area2	unit1-1-3	300.00		
3	block1	tenant1	area2	: UNICI-1-3	300.00		
•	block1			unit1-1-3		4	Σ
<		r reading 01		unit1-1-3		4	Σ
<	.3 Manual meter	r reading 01		Unit Unit		4	
Aug/201	.3 Manual mete nmary sheet 1 5	r reading 01 Summary sheet 2				Power	
Aug/201 List Sur Number	.3 Manual mete mmary sheet 1 9 Floor	r reading 01 Summary sheet 2 Tenant	III Area	Unit	Operation hours [h]	Power	
Aug/201 List Sur Number 1	.3 Manual meter nmary sheet 1 S Floor block1	r reading 01 Summary sheet 2 Tenant tenant1	III Area area1	Unit unit1-1-1	Operation hours [h] 20.00	Power	
Aug/201 List Sur Number 1 2	3 Manual meter nmary sheet 1 5 Floor block1 block1	r reading 01 Summary sheet 2 Tenant tenant1 tenant1	M Area area1 area1 area1	Unit unit1-1-1 unit1-1-2	Operation hours [h] 20.00 13.33	Power	S

Fig.4-4 [The view report screen]

4-5. Setting report items and distribution for each system

The items included in reports and the power distribution function can be set for each system.

la 🖉							
Monthly report save folder	C:\Users\Us	er\AppData\Local\To	shiba Carrier Corporation\Report Cr	eatio	n Software for North Ame 🗔		
	List		Summary sheet - 1		Summary sheet - 2		
	Operation	n hours	Operation hours	V	Operation hours		
	Electric p	ower	Electric power	V	Electric power		
Item	Charge		Charge	V	Charge		
	Charge including tax		Charge including tax		Charge including tax		
	🗹 In workin	ng hours display	In working hours display	V	In working hours display		
	Out of w	orking hours display	Out of working hours display	V	Out of working hours display		
Categories of Summary sheet - 1			Floor	Т	enant		
Categories of Summary sheet - 2			Tenant	N	one		
(
Charging rate settings							
Time span	In working hours	Out of working ho	ours				
Electricity bill unit price for 1 kWh 23.45 9.87							

Fig.4-5 [The system registration screen]

4-6. Checking the software run history

To check the software run history, click the History menu item in the [Tools] menu on the main screen to display the history screen.

🛞 Report Creation S	Software	
File Run Too	ls Help	
	History	
- System selec	Create summary sheet	
Toshiba Car	Settings	
	Backup setting	¥
Month(s) sele	Language •	
< 🗅 📭	Copy from external media	5 6 7 8 9 10 11 12
Day(s) select 🍄	Refresh F5	Creation history of summary sheet

Fig.4-6 [Tools menu (History)]

🏀 History		
File Run Help		
Date and time	Description	
Jan/28/2014 18:47:56	The automatic download of Toshiba Carrier was failed.	
Jan/28/2014 18:47:50	The automatic download of Toshiba Carrier was started.	
Jan/28/2014 17:09:53	The automatic processing of Toshiba Carrier finished.	
Jan/28/2014 17:09:51	Creation of monthly report of Toshiba Carrier was successful.	
Jan/28/2014 17:09:39	Creation of monthly report of Toshiba Carrier was started.	
Jan/28/2014 17:09:38	Creation of daily report of Toshiba Carrier was successful.	
Jan/28/2014 17:08:45	Creation of daily report of Toshiba Carrier was started.	
Jan/28/2014 17:08:43	The automatic download of Toshiba Carrier was successful.	
Jan/28/2014 17:07:45	The automatic download of Toshiba Carrier was started.	
Jan/28/2014 16:50:42	The automatic processing of Toshiba Carrier finished.	
Jan/28/2014 16:50:41	Creation of monthly report of Toshiba Carrier was successful.	
Jan/28/2014 16:50:41	Creation of monthly report of Toshiba Carrier was started.	
lan/28/2014 16:50:40	Creation of daily report of Toshiba Carrier was successful	

Fig.4-7 [The history screen]

4-7. Checking the version information

Click About... in the [Help] menu on any screen to display the current software version.



Fig.4-8 [Help menu (About...)]

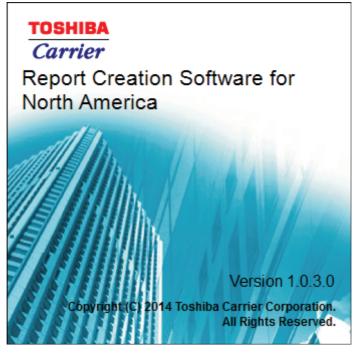


Fig.4-9 [The version information screen]

4-8. Minimizing the window

Click the [Minimize] icon to minimize Report Creation Software.

😵 Report Creation Software	Click the icon	\rightarrow	 • 💌
File Run Tools Help			

Fig.4-10 [The minimize icon]

When the window is minimized, a Report Creation Software icon appears in the notification area.



Fig.4-11 [The notification area]

Double click the icon in the notification area, or right click the icon and select [Restore] to restore the window.

Restore		
Exit	🔒 11:16 PN	1

Fig.4-12 [Notification area (Restore)]

5 Using Report Creation Software

5-1. Starting up and exiting Report Creation Software

5-1-1. Starting up Report Creation Software

Report Creation Software can be started up via the desktop icon or the Windows menu.

1 Start up Report Creation Software

• Using the desktop icon Double click the desktop icon.



Fig.5-1 [The Report Creation Software icon]

Using the Windows menu

In the [Start] menu, select [All Programs] > [Toshiba] > [Report Creation Software for North America] > [Report Creation Software for North America].

2 The startup screen appears.

When Report Creation Software is started up, the startup screen appears.

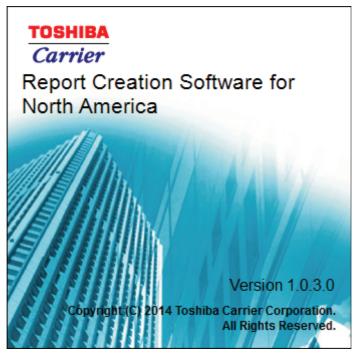


Fig.5-2 [The startup screen]

3 Report Creation Software has started up

When the startup screen (Fig.5-2) disappears and the main screen (Fig.4-1) appears, the software has successfully started up. The functions can now be used.

5-1-2. Exiting Report Creation Software

Click the [Close] icon / [Exit] menu item to exit Report Creation Software.

🛞 Report Creation Software	Click the icon	
<u>F</u> ile <u>R</u> un <u>T</u> ools <u>H</u> elp		

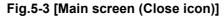




Fig.5-4 [File menu (Exit)]

If the window is minimized, right click the icon in the notification area and select [Exit].

Restore		
Exit		
	11:19 PM	

Fig.5-5 [Notification area (Exit)]

The exit confirmation dialog box may appear. Click [Yes] to exit or [No] to cancel.

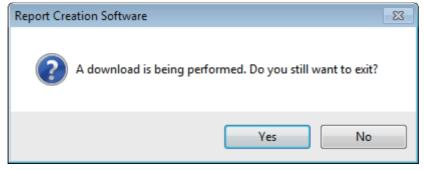


Fig.5-6 [Exit confirmation dialog box]

5-2. Registering target system information

When Report Creation Software is started up for the first time the target system is not registered. Follow the procedure below to register the target system.

1 Click the [Settings] menu item on the main screen to display the new registration screen.

🌃 Report Creat	ion Software	
File Run	Tools Help	
🖻 🗗 C	History	
System sele	Create summary sheet	
Toshiba Ca	Settings	
	Backup setting	
-Month(s) sele	Language •	
<	Copy from external media	4 5 6 7 8 9 10 11 12
Day(s) select	🕜 Refresh F5	Creation history of summary sheet

Fig.5-7 [Tools menu (Settings)]

File Run Help				
4				
System				
Туре	Smart BMS I	Manager		
Model	BMS-SM128	DHTLUL	1	
IP Address	192.168.2.3	0		
Daily report closing time	00:00			
Monthly report closing date	0	0		
Automatic download				
Time of automatic download	00:00	00:00		
Data save folder		9		
	(
Charging rate settings				
Time span	In working hours	Out of working hours		
Electricity bill unit price for 1 kWh	0.00	0.00		
٠				

Fig.5-8 [The system registration screen]

2 Three types of items can be registered: System items, report display items and electrical power distribution items.

First, enter the system items.

System	Toshiba Carrier
Туре	Smart BMS Manager
Model	BMS-SM1280HTLUL
IP Address	
Daily report closing time	00:00
Monthly report closing date	
Automatic download	
Time of automatic download	00:00
Data save folder	C:\Users\User\AppData\Local\Toshiba Carrier Corporation\Report Creation Software for North Ame
••••••••••••••••••••••••••••••••••••••	Cultare)Used AppData)Local Techiba Carrier Connection/Penart Creation Software for North Ame

Fig.5-9 [System items]

The following table shows how to enter / select each item:

No.	Item	Data type	Input / selection method
1	System	Entered by user	Character input
2	Туре	Selected by user	Selected from list
3	Model	Selected by user	Selected from list
4	IP Address	Entered by user	Number input
5	Daily report closing time	Cannot be entered	
6	Monthly report closing date	Cannot be entered	
7	Automatic download	Selected by user	
8	Time of automatic download	Entered by user	Number input
9	Data save folder	Entered by user	Enter directly or use the [Browse] button
10	Monthly report save folder	Entered by user	Enter directly or use the [Browse] button

Table.5-1 [How to enter / select each system item]

3 Next, set the report display items.

The settings can be made on the "List" tab, the "Summary sheet - 1" tab and the "Summary sheet - 2" tab.

	List	Summary sheet - 1	Summary sheet - 2	
	Operation hours	Operation hours	Operation hours	
	Electric power	Electric power	Electric power	
Item	Charge	Charge	Charge	
	Charge including tax	Charge including tax	Charge including tax	1
	In working hours display	In working hours display	In working hours display	
	Out of working hours display	Out of working hours display	Out of working hours display	
Categories of Summary sheet - 1		Floor	Tenant	1
Categories of Summary sheet - 2		Tenant	None	

Fig.5-10 [Report display items]

The following items can be set:

No.	Item	Description
1	Operation hours	Displays the total number of operation hours calculated by combining the operation hours of in working hours and out of working hours.
2	Electric power	Displays the total amount of electric power calculated by combining the electric power of in working hours and out of working hours.
3	Charge	Displays the total charge calculated by combining the charges of in working hours and out of working hours.
4	Charge including tax	Displays the total charge including tax calculated by combining the charges of in working hours and out of working hours.
5	In working hours display	Displays the in working hours items selected from the following list: Operation hours, Electric power, Charge, Charge including tax.
6	Out of working hours display	Displays the out of working hours items selected from the following list: Operation hours, Electric power, Charge, Charge including tax.
7	Categories of Summary sheet - 1	Select from "Floor", "Tenant", "Area" and "Refrigerant system". "Refrigerant system" is only selectable when "Proportion within refrigerant system" is selected in the Distribution result.
8	Categories of Summary sheet - 2	Select from the items not selected for Categories of Summary sheet - 1, or select "None".

4 Next, set the items for Monthly report, Daily report and electrical power distribution when creating a summary sheet.

Currency name	Dollar
Subordinate currency unit	1/100
Tax rate	0.00 %
Distribution result	Electric power
Power distribution function	Capacity distribution
Usage of power meter at power distribution	Distribute separately
Calendar start day	Sunday
Calendar start month	January
Date forfmat	Month name/Day/Year

Fig.5-11 [Electrical power distribution items]

The following items can be set:

Table.5-3 [Electrical power distribution items]

No.	Item	Description	
1	Currency name	Select the currency name to be used in charge results. For currency names and units of currency, refer to Table.5-4.	
2	Subordinate currency unit	Select "None" or "1/100".	
3	Tax rate	Set the tax rate for consumption tax in the charge results.	
4	Distribution result	Select "Electric power" or "Proportion within refrigerant system". When "Proportion within refrigerant system" is selected, the Power distribution function and usage of power meter at power distribution cannot be set.	
5	Power distribution function	Select "Capacity distribution".	
6	Usage of power meter at power distribution	Select "Distribute separately" or "Distribute total value".	
7	Calendar start day	Select "Sunday" or "Monday" as the start day for the daily report selection calendar.	
8	Calendar start month	Select a month from "January" to "December" as the start month for the monthly report selection calendar.	
9	Date format	Select "Year/Month/Day", "Day/Month name/Year", or "Month name/Day/Year" for the date format.	

Table.5-4 [Currency names and units of currency used in reports]

Currency name	Unit of currency	Currency name	Unit of currency	Currency name	Unit of currency
Japanese yen	Yen	Dollar	Dollar	Euro	Euro
Pound	Pound	Chinese Yuan	RMB	Korean Won	Won

File Run Hale Check the connection

.10

5 Finally, click the unit price for each time span (In working hours and Out of working hours) to set the electricity bill unit price per kWh.

ime span	To working hours	Out of working hours		<u> </u>	
lectricity bill unit price for 1 kWh	23.45	9.87	<	Click	
					_

Fig.5-12 [Electrical power distribution items]

6 The setting screen appears. Enter the unit price.

🏀 Charging rate settings	X
Time span In working hours	
Electricity bill unit price for 1 kWh 23.45	
OK Cancel	

Fig.5-13 [Electrical power distribution items]

7 When an "IP Address" is set, click the [Check the connection] button / [Check the connection] menu item to check the connection for the target system.

🛞 System registration		
Fil <u>e Run</u> Help		
	Click the button	
Syst Check the connection	Toshiba Carrier	A
Туре	Smart BMS Manager	_
Fig.5-14 [Sy	stem registration	screen (Check the connection button)]

~			
System registration			

Fig.5-15 [Run menu (Check the connection)]

8 If there are any errors in a registration item, an error icon appears in that item. Hover the mouse over the error icon to view the error message.

System registration				2
File Run Help				
# \$				
Categories of Summary sheet - 2		Tenant	None	
Currency name	0	Error icon		-
Subordinate currency unit	1/100			
Tax rate	The currency n	ame has not been specified.	Error message	•
Distribution result	Electric power			

Fig.5-16 [Error icon (when no currency name is set)]

9 When all of the items are entered properly, you can click the [Register] button / [Register] menu item.

Click the [Register] button / [Register] menu item to register the system information.



Fig.5-17 [System registration screen (Register button)]

🏀 System registration		×
File Run Heln		
Close	Toshiba Carrier(Annex)	

Fig.5-18 [File menu (Register)]

10 Click the [Close] icon / [Close] menu item to close the system registration screen.

🛞 System registration	Click the icon	
File Run Help		, , , , , , , , , , , , , , , , , , , ,
i 🞝 🎝		

Fig.5-19 [System registration screen (Close icon)]

10 System registration		
File Run Help		
and Register		
Close	Toshiba Carrier(Annex)	
Type	Smart BMS Manager	
	Fig 5-20 [File menu (Close)]	

Fig.5-20 [File menu (Close)]

11 If the system information is still being entered, a confirmation message appears.

If the [Yes] button is clicked, the entered information is discarded and the system registration screen closes.



Fig.5-21 [Confirmation message]

5-3. Adding a target system

Follow the procedure below to add a new target system.

1 Click the [Settings] menu item on the main screen to display a list of registered systems.

🌾 Report Creati	on Software	
File Run	Tools Help	
🖻 🖹 🗳	History	
	Create summary sheet	
System sele Toshiba Ca	Settings	
	Backup setting	
Month(s) sele	Language •	
< [Copy from external media	5 6 7 8 9 10 11 12
Day(s) select	Corresh F5	Creation history of summary sheet

Fig.5-22 [Tools menu (Settings)]

2 Click the [New] button / [New] menu item in the registered systems list screen to display the new registration screen.

🏀 List display						—
File Edit Help	Click	the button				
System	Туре	Model	IP address	Automatic download	Time of automatic download	Date forfi
To New Jarrier	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	V	00:31	Month nai
Toshiba Carier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL			00:31	Month nai
Toshiba Carier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL	•••		00:31	MONTEN N

Fig.5-23 [List display screen (New button)]

🏀 List displ	ay						×
File Edi	t Heln						
B	New						
Systen 🧭	Eult	/pe	Model	IP address	Automatic download	Time of automatic download	Date forf
Toshiba 🔒	Delete	hart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	V	00:31	Month na
Toshiba Car	ier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL			00:31	Month na

Fig.5-24 [Edit menu (New)]

Refer to "5-2.Registering target system information" to add the target system.

5-4. Editing a target system

Follow the procedure below on the registered systems list screen to edit the target system.

1 Select the target system to edit.

K List display File Edit Help			Select			
1						-
<u>.</u> .	-					1 1 2 2 4
Toshiba Carrier	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	V	00:31	Month
roomba caner(Annex)	STRATE DHO Harrager	DH3-3H120011EUE			00.01	

Fig.5-25 [The List display screen]

2 After selecting, click the [Edit] button / [Edit] menu item to display the edit screen.

🌃 List display						×
File Edit Help	Clic	k the button				
System	Туре	Model	IP address	Automatic download	Time of automatic download	Date for
Toshiba (Edit	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	V	00:31	Month na
Toshiba Carier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL			00:31	Month na

Fig.5-26 [List display screen (Edit button)]

🔏 List d	lispla	у						×
File	Edit		1					
		New						
Syste	1	Edit	e	Model	IP address	Automatic download	Time of automatic download	Date forf
Toshiba	2	Delete	art BMS Manager	BMS-SM1280HTLUL	192.168.2.32	V		Month na
Toshiba	Carie	er(Annex) Sn	nart BMS Manager	BMS-SM1280HTLUL			00:31	Month na

Fig.5-27 [Edit menu (Edit)]

Refer to "5-2.Registering target system information" to edit the target system. When Details is selected, the system whose details are being displayed will be edited.

5-5. Deleting a target system

Follow the procedure below on the registered systems list screen to delete a target system.

1 Select the target system to delete.

K List display File Edit Help			Selec	t the target sys	tem to delete.	
Deriver	[
Toshiba Carrier	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32		00:31	Month
roaniba canci(Annex)	omarc prio managor	DH0-DH120011E0E			00.51	

Fig.5-28 [The List display screen]

2 After selecting the system, click the [Delete] menu item.

K List d File	Edit							×
		New						
Syster	>	Edit	ne	Model	IP address	Automatic download	Time of automatic download	Date for
Toshil	P	Delete	rt BMS Manager	BMS-SM1280HTLUL	192.168.2.32	V	00:31	Month na
Toshi	Carro		rt BMS Manager	BMS-SM1280HTLUL			00:31	Month n

Fig.5-29 [Edit menu (Delete)]

3 A delete confirmation message is displayed before deleting.

To delete, click the [Yes] button. The selected system will be deleted. To cancel, click the [No] button. When Details is selected, the system whose details are being displayed will be deleted.

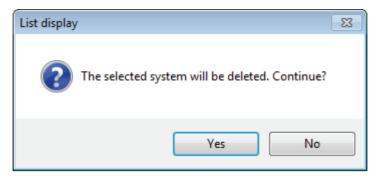


Fig.5-30 [Delete confirmation message]

5-6. Changing the display format of the registered systems list

There are two display formats for the registered systems list.

- List display: Registered systems are displayed in a list.
- Details: Detailed information about the registered systems is displayed.

🏀 List display						— ×
File Edit Help						
🖹 🍺 😰						
System	Туре	Model	IP address	Automatic download	Time of automatic download	Date for
Toshiba Carrier	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	V	00:31	Month na
Toshiba Carier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL			00:31	Month na
Toshiba Carrier(New	Smart BMS Manager	BMS-SM1280HTLUL	•••		00:00	Month na



File Edit Help					
È 📴 🖾 🖾					
System	Toshiba Carr	rier			
Туре	Smart BMS I	Manager			
Model	BMS-SM128	OHTLUL			
IP Address 192.16		32			
Daily report closing time	23:59	23:59			
Monthly report closing date	31	31			
Automatic download					
Time of automatic download	00:31	00:31			
Data save folder	C:\Users\Use	er\AppData\Local\Toshiba Carrier Corporation\Report Creation Software for North America	•••		
••	C:\Ueore\Ueo	arl AnnDatall acall Tachiha Carriar Carnoration/Denart Creation Software for North America	•		
Charging rate settings					
Time span	In working hours	Out of working hours			
Electricity bill unit price for 1 kWh	23.45	9.87			
•					

Fig.5-32 [The Details screen]

Click the [List display] button / [Details] button to change the display format.

🔀 Details		×
File Fdit Help	Click the button	
System List display	Toshiba Carrier	
Туре	Smart BMS Manager	

Fig.5-33 [Details screen (List display button)]

🔏 List display						×
File <u>Edit</u> Help						
E Dick the button						
System	Туре	Model	IP address	Automatic download	Time of automatic download	Date for
Toshiba Carr. Details	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	V	00:31	Month na
Toshiba Carier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL			00:31	Month na

Fig.5-34 [List display screen (Details button)]

When several systems are registered, click the [Previous] button / [Next] button to change the system that is being displayed.

🌃 Details		
File Edit Heln		
	Click the button	
System Previous	Toshiba Carier(Annex)	
Туре	Smart BMS Manager	

Fig.5-35 [Details screen (Previous button)]

🞖 Details		
File Edit Heln	Click the button	
System Next	Toshiba Carier(Annex)	
Туре	Smart BMS Manager	

Fig.5-36 [Details screen (Next button)]

5-7. Creating monthly / daily reports

In the following circumstances, monthly / daily reports may not be created automatically.

- When registering a target system.
- · When automatic download is not set.
- When the PC is not turned on at the time of automatic download.

Follow the procedure below to create a monthly / daily report that was not created automatically.

1 Select the system to create the monthly / daily report for on the main screen.



Fig.5-37 [Main screen (System selection)]

2 Click the [Download & create monthly / daily report] menu item on the main screen.

18 Report Creation Software	
File Run Tools Help	
The View report	
Download & create monthly/daily report	

Fig.5-38 [Run menu (Download & create monthly / daily report)]

3 A run confirmation message appears before the automatic process runs.

To download all necessary files, click the "
New download" checkbox and then click the [Yes] button to start the download.

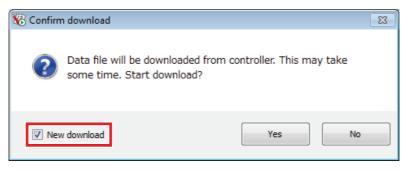


Fig.5-39 [Run confirmation message]

4 A "Running..." screen is displayed while the automatic process is running. Wait until the process is complete.

Running
Cancel
Downloading data file from controller. Please wait.

Fig.5-40 [Running... screen]

5 If the report was created successfully, a completion message appears.

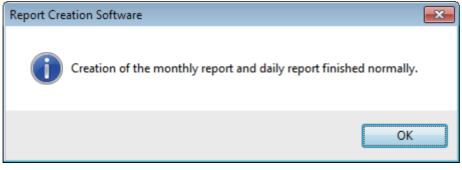


Fig.5-41 [Normal completion message]

6 If the report was not created successfully an error message appears.

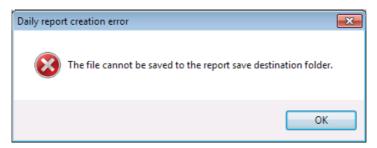


Fig.5-42 [Error message (when the file could not be saved)]

5-8. Recreating monthly / daily reports

Follow the procedure below to recreate monthly / daily reports.

- Seport Creation Software

 File

 Run

 Tools

 Help

 System selection

 Toshiba Carrier

 Toshiba Carrier

 Toshiba Carrier

 Toshiba Carrier (New wing)

 Toshiba Carrier (Annex)
- **1** Select the system to create the monthly / daily report for on the main screen.

Fig.5-43 [Main screen (System selection)]

2 Select the month / date to create the report for on the main screen.

-

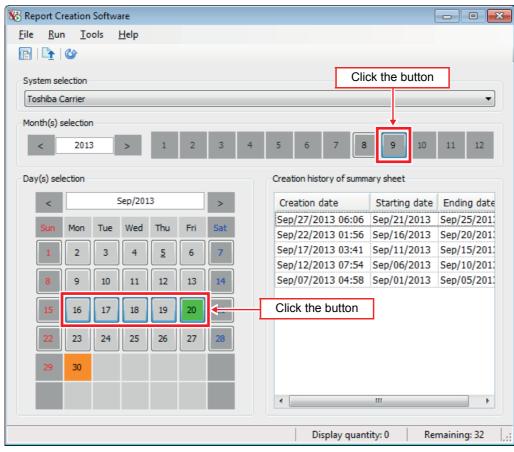
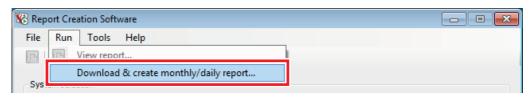
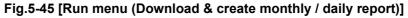


Fig.5-44 [Main screen]

3 Click the [Download & create monthly / daily report] menu item on the main screen.





4 A run confirmation message appears before the automatic process runs. To download all necessary files, click the "□ New download" checkbox and then click the [Yes] button to start the download.

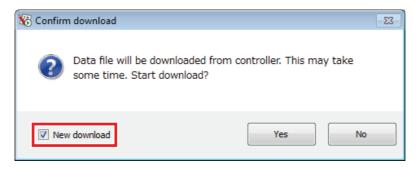


Fig.5-46 [Run confirmation message]

5 A "Running..." screen is displayed while the automatic process is running. Wait until the process is complete.

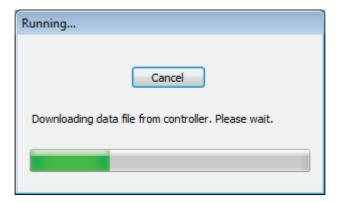


Fig.5-47 [Running... screen]

6 If the report was created successfully, the monthly / daily report is displayed.

📄 🔍 ist Sun	nmary sheet 1	Summary sheet 2				
toshiba						
		Air conditioner power	distribution result M	onthly report List		
	Metering term					
	-	arting date Aug/01/2	013			
		ding date Aug/15/2			Creation date F	eb/17/2014
					creation date 1	0,17,2011
Number	Floor	Tenant	Area	Unit	Operation hours [h]	Power [kWh
1	block1	tenant1	area1	unit1-1-1	300.00	1,162
2	block1	tenant1	area1	unit1-1-2	200.00	2,434
3	block1	tenant1	area2	unit1-1-3	300.00	1,919
4	block1	tenant1	area2	unit1-1-4	200.00	1,953 •
						Þ
•		_		hauth) the second size from the	0.070-lles Out-fundian have	
•			TRICITY LIDIT DRICE (Der	(KWN) IN WORKING hours	9.87Dollar Out of working hou	rs 23,45Dollar
•		Elec	and y anic price (per			

Fig.5-48 [The view report screen]

5-9. Creating summary sheets

Follow the procedure below to create a summary sheet.

🔏 Report Creation :	Software	
File Run Too	ols Help	
	History	
- System sele	Create summary sheet	
Toshiba Car	Settings	
Toshiba can	Backup setting	· · · · ·
Month(s) sele	Language 🕨 🕨	
< 🗋	Copy from external media	5 6 7 8 9 10 11 12
Day(s) select	Refresh F5	Creation history of summary sheet

1 Select the system and click the [Create summary sheet] menu item.

Fig.5-49 [Tools menu (Create summary sheet)]

2 Click the calendar icons to select the starting date and ending date for the summary sheet.

K Create summary sheet		
File Run Help		
System		
Toshiba Carrier		
Set Starting date and Ending date of summary sheet		
Sep/01/2013 E - Sep/05/2013 01-02	Click the icon	
Click the icon		

Fig.5-50 [The create summary sheet screen]

${f 3}$ Select the starting date and ending date from the calendar.

As on the main screen, date buttons are underlined when there is a manual meter reading daily report file. (Only for – Type: Touch Screen Controller / Model: BMS-CT5120)

Use the [<] [>] buttons to change the year and month, or enter a year and month.

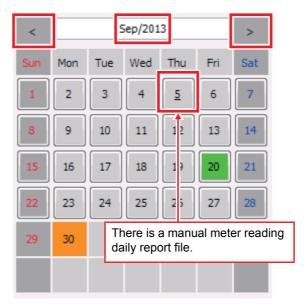


Fig.5-51 [Calendar screen]

4 If a date with a manual meter reading daily report file has been selected on the calendar screen (Fig.5-51), select the manual meter reading No.

Click the [Meter reading No.] icon to select the manual meter reading No.

K Create summary sheet	
File Run Help	
System Toshiba Carrier	
Set Starting date and Ending date of summary sheet Sep/01/2013 Sep/05/2013 Ol-02 Sep/05/2013 Sep/05/2013 Sep/05/201 Sep/05/20	Click the icon
Click the icon	
	.::

Fig.5-51_1 [The create summary sheet screen]

5 Select the manual meter reading No. from the list and click the [OK] button to set the manual meter reading No. on the Create summary sheet screen.

😵 Selecting the term for summarizing end date 🛛 🔤	Ĩ
Select manual meter-reading No.	
01	
02	
Select the manual meter read	ing No.
ОК	

Fig.5-51_2 [The selecting the term for summarizing end date screen]

🌾 Create summary sheet	
File Run Help	
System	The manual meter reading No. is set
Toshiba Carrier	
Set Starting date and Ending date of summary sheet	
Sep/01/2013 . Sep/05/2013	01-02

Fig.5-51_3 [The create summary sheet screen]

6 Click the [Create] button / [Create] menu item to create the summary sheet.

K Create summary sheet	
File Run Help	
Click the button	
SCreate Toshiba Carrier	
Toshiba Camer	

Fig.5-52 [Create summary sheet screen (Create button)]

K Create summary sheet	
File Run Help	
E Create	

Fig.5-53 [Run menu (Create)]

7 When the summary sheet is created, it is displayed on the view report screen.

5-10. Displaying monthly reports / daily reports / summary sheets

To display previously created reports (monthly reports / daily reports / summary sheets), select the report to display. Next, click the [View report] button / [View report] menu item to display the view report screen.

8 Report Creation Software	
File Run Tools Help	
S View report Toshiba Carrier	•

Fig.5-54 [Main screen (View report button)]

🛞 Report Creation Software	
File Run Tools Help	
E View report	
Download & create monthly/daily report	

Fig.5-55 [Run menu (View report)]

ist Sun	nmary sheet 1	Summary sheet 2				
toshiba						
		Air conditioner power	distribution result Mo	onthly report List		
	Metering term					
	St	arting date Aug/01/2	2013			
	En	iding date Aug/15/2	2013		Creation date F	Feb/17/2014
	1	((<u> </u>	(
Number	Floor	Tenant	Area	Unit	Operation hours [h]	Power [kWh]
1	block1	tenant1	area1	unit1-1-1	300.00	1,162
2	block1	tenant1	area1	unit1-1-2	200.00	2,434
3	block1	tenant1	area2	unit1-1-3	300.00	1,919
4	block1	tenant1	area2	unit1-1-4	200.00	1,953 ·
٠						
		ri-		Luth) To making how	0.070 des . Out of wedding have	
		Ele	ctricity unit price (per	(KWN) IN WORKING NOURS	9.87Dollar Out of working hou	Irs 23.45Dollar

Fig.5-56 [The view report screen]

The displayed report has three tabs: "List", "Summary sheet 1" and "Summary sheet 2". For information about setting the items and summary sheet categories, refer to step $\boldsymbol{3}$ in "5-2.Registering target system information".

The number of reports displayed and the number of remaining reports that can be displayed is indicated on the main screen status bar.

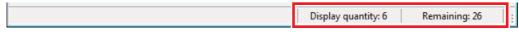


Fig.5-57 [Main screen status bar]

If the number of selected reports exceeds the upper limit (32 reports) an error message appears.

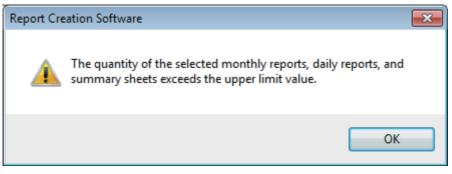
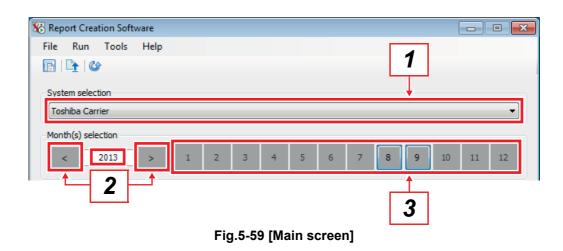


Fig.5-58 [Error message]

5-10-1. Displaying monthly reports

Follow the procedure below to display monthly reports.

- **1** Select the system.
- **2** Select the target year. Use the [<] [>] buttons to change the year, or enter a year.
- **3** Select the target month. (Several months can be selected at once)
- **4** Click the [View report] button / [View report] menu item.



5-10-2. Displaying daily reports

Follow the procedure below to display daily reports.

1 Select the system.

- **2** Select the target year and month. Use the [<] [>] buttons to change the year and month, or enter a year and month.
- **3** Select the target date. (Several dates can be selected at once)
- **4** Click the [View report] button / [View report] menu item.

🏀 Report Creation Softw	are				
File Run Tools	Help				
🕞 🕒 🎯				1	
System selection				•	
Toshiba Carrier					•
Month(s) selection					
< 2013	> 1	2 3	4 5 6 7 8	9 10	11 12
Day(s) selection	2		Creation history of summ	nary sheet	
<	Sep/2013	>	Creation date	Starting date	Ending date
	Mad The	E-1 0-1	Sep/27/2013 06:06	Sep/21/2013	Sep/25/201:
Sun Mon Tue	Wed Thu	Fri Sat	Sep/22/2013 01:56	Sep/16/2013	Sep/20/201:
1 2 3	4 <u>5</u>	6 7	Sep/17/2013 03:41	Sep/11/2013	Sep/15/201:
			Sep/12/2013 07:54		Sep/10/201:
8 9 10	11 🚛	3	Sep/07/2013 04:58	Sep/01/2013	Sep/05/201:
15 16 17	18 19	20 21			
22 23 24	25 26	27 28			
29 30					
			•		•
			Display quan	tity:0 Re	maining: 32

Fig.5-60 [Main screen]

5-10-3. Displaying summary sheets

Follow the procedure below to display summary sheets.

1 Select the system.

- **2** Select the summary sheet from the creation history of summary sheet list. (Several summary sheets can be selected at once)
- **3** Click the [View report] button / [View report] menu item.

😿 Re	port Ci	reation	Softwa	are										• ×
File	Run	n To	ols	Help										
P		6										1		
SVE	tem se	ection												
	ishiba C											•		-
Mor	nth(s) s	election		_	-									
	<	2013	3	>	1	2	3	4	5	6	7 8	9 10	11	12
Day	/(s) sele	action							Oreal	tion hist	tory of summ	ary cheet		
	(s) seit	ECUOIT			_		_						1	
	<		-	Sep/201	.3		>			ation		Starting date	-	g date
	Sun	Mon	Tue	Wed	Thu	Fri	Sat				013 06:06	Sep/21/2013		5/201
	1	2	3	4	5	6	7	Ī	D		013 03:41		Sep/1	
								J	Sep	/12/2	013 07:54		Sep/1	
	8	9	10	11	12	13	14		Sep	/0//2	013 04:58	Sep_11/2013	Sep/U	5/201.
	15	16	17	18	19	20	21					2		
								J				2		
	22	23	24	25	26	27	28							
	29	30												
									•					•
										Di	isplay quan	tity: 0 Re	maining	g: 32 🔤

Fig.5-61 [Main screen]

5-10-4. Hiding the header and footer

Click the lines between the header and footer and the main text to hide the header and footer.

🌃 Displa	y report Tosh	iiba Carrier - [Aug/2013]	1				- • ×
😿 File	Window	Help					_ 8 ×
i 🖨 🔍							
	Summary sheet	1 Summary sheet 2					
		1 Summary sheet 2					
toshiba							
		Air conditioner powe	er distribution result Ma	onthly report List	Click		
	Metering ter	rm					
		Starting date Aug/01	1/2013				
		Ending date Aug/15	5/2013		(eation	date F	eb/17/2014
-	4	4	4	A	4		
Numbe	r Hoor	l enant	Area	Unit	Operation nou	rs [n]	Power [KWn
1	block1	tenant1	Area area1	unit1-1-1	Operation nou Click	0.00	1,162
1	block1 block1	tenant1 tenant1	area1 area1	unit1-1-1 unit1-1-2		0.00	1,162 2,434
1	block1	tenant1	area1 area1 area2	unit1-1-1		0.00	1,162
1	block1 block1	tenant1 tenant1	area1 area1	unit1-1-1 unit1-1-2		0.00	1,162 2,434
1	block1 block1	tenant1 tenant1 tenant1	area1 area1 area2 	unit1-1-1 unit1-1-2	Click	0.00	1,162 2,434 1,919 -
	block1 block1 block1	tenant1 tenant1 tenant1 E	area1 area1 area2 	unit1-1-1 unit1-1-2 unit1-1-3 kWh) In working hours	9.87Dollar Out of w	0.00 0.00 300.00	1,162 2,434 1,919 + rs 23.45Dollar
	block1 block1 block1	tenant1 tenant1 tenant1	area1 area1 area2 	unit1-1-1 unit1-1-2 unit1-1-3 kWh) In working hours	9.87Dollar Out of w	0.00 0.00 300.00	1,162 2,434 1,919 + rs 23.45Dollar
	block1 block1 block1	tenant1 tenant1 tenant1 E	area1 area1 area2 	unit1-1-1 unit1-1-2 unit1-1-3 kWh) In working hours	9.87Dollar Out of w	0.00 0.00 300.00	1,162 2,434 1,919 + rs 23.45Dollar
1 2 3	block1 block1 block1	tenant1 tenant1 tenant1 E	area1 area1 area2 	unit1-1-1 unit1-1-2 unit1-1-3 kWh) In working hours	9.87Dollar Out of w	0.00 0.00 300.00	1,162 2,434 1,919 ~

Fig.5-62 [View report screen (with the header and footer displayed)]

arv sheet 1 Su					
	immary sheet 2				
Floor	Tenant	Area	Unit	Operation hours [h]	Power [kWh]
block1	tenant1	area1	unit1-1-1	300.00	1,162
block1	tenant1	area1	unit1-1-2	200.00	2,434
block1	tenant1	area2	unit1-1-3	300.00	1,919
block1	tenant1	area2	unit1-1-4	200.00	1,953
block2	tenant3	area5	unit1-3-1	300.00	797
block2	tenant3	area5	unit1-3-2	200.00	1,153
block2	tenant3	area6	unit1-3-3	300.00	2,473
block2	tenant3	area6	unit1-3-4	200.00	3,075
block2	tenant4	area7	unit1-4-1	300.00	797
block2	tenant4	area7	unit1-4-2	200.00	1,153
block2	tenant4	area8	unit1-4-3	300.00	2,473
block2	tenant4	area8	unit1-4-4	200.00	3,075
block3	tenant5	area9	unit1-5-1	300.00	797
		III			Þ
	block1 block1 block1 block1 block2	block1 tenant1 block1 tenant1 block1 tenant1 block1 tenant1 block2 tenant3 block2 tenant3 block2 tenant3 block2 tenant3 block2 tenant4 block2 tenant4 block2 tenant4 block2 tenant4	block1 tenant1 area1 block1 tenant1 area1 block1 tenant1 area2 block1 tenant1 area2 block1 tenant1 area2 block1 tenant1 area5 block2 tenant3 area5 block2 tenant3 area6 block2 tenant3 area6 block2 tenant4 area7 block2 tenant4 area7 block2 tenant4 area8 block2 tenant4 area8 block2 tenant4 area8 block3 tenant5 area9	block1tenant1area1unit1-1-1block1tenant1area1unit1-1-2block1tenant1area2unit1-1-3block1tenant1area2unit1-1-4block2tenant3area5unit1-3-1block2tenant3area5unit1-3-2block2tenant3area6unit1-3-3block2tenant3area6unit1-3-4block2tenant4area7unit1-4-1block2tenant4area7unit1-4-2block2tenant4area8unit1-4-2block2tenant4area8unit1-4-3block2tenant4area8unit1-4-3block2tenant4area8unit1-4-4block3tenant5area9unit1-5-1	block1 tenant1 area1 unit1-1-1 300.00 olock1 tenant1 area1 unit1-1-2 200.00 olock1 tenant1 area2 unit1-1-3 300.00 olock1 tenant1 area2 unit1-1-4 200.00 olock1 tenant1 area2 unit1-1-4 200.00 olock2 tenant3 area5 unit1-3-1 300.00 olock2 tenant3 area6 unit1-3-2 200.00 olock2 tenant3 area6 unit1-3-3 300.00 olock2 tenant3 area6 unit1-3-4 200.00 olock2 tenant4 area7 unit1-3-4 200.00 olock2 tenant4 area7 unit1-4-1 300.00 olock2 tenant4 area7 unit1-4-2 200.00 olock2 tenant4 area7 unit1-4-3 300.00 olock2 tenant4 area8 unit1-4-3 300.00 olock2 tenant4

Fig.5-63 [View report screen (with the header and footer hidden)]

5-10-5. Printing the displayed report

Click the [Print] button / [Print] menu item to print the displayed report.

🌾 Display report Toshiba Carrier - [Aug/2013]	
File Window Help Click the button	- & ×
List Summary sheet 1 Summary sheet 2	

Fig.5-64 [View report screen (Print button)]

🛞 Display report Toshiba Carri	er - [Aug/2013]
🖗 File Window Help	_ 8 ×
🗧 🖨 Print Ctrl+P	
List 🔫 Print preview	ary sheet 2
to Close	

Fig.5-65 [File menu (Print)]

5-10-6. Viewing a print preview of the displayed report

Click the [Print preview] button / [Print preview] menu item to display a print preview of the displayed report.

🏀 Display report Toshiba Carrier - [Aug/2013]	
Image: Window Help Image: I	- @ ×
List Summary sheet 1 Summary sheet 2 Print preview toshiba	

Fig.5-66 [View report screen (Print preview button)]

Í	🌃 Display report Toshiba Cari	rier - [Aug/2013]
	😿 File Window Help	_ 8 ×
	Print Ctrl+P	
	Lis 🔍 Print preview	ary sheet 2
	to Close	

Fig.5-67 [File menu (Print preview)]

5-10-7. Displaying multiple report windows

Use the [Window] menu to display multiple report windows.

🌾 Display	repoi	rt Toshiba Carrier - [Aug/2013]	
😿 File	Wir	ndow Help	_ 8 ×
i 🖨 🔍		Cascade	
List Si		Tile vertically	
toshiba		Tile horizontally	
tosniba		Align icons	it Monthly report List
		Close all	
	~	1 Aug/2013	
		2 Aug/2013 Manual meter reading 01	Creation date Feb/17/2014

Fig.5-68 [View report screen (Window menu)]

Displaying several report windows at once allows you to compare the reports easily.

j 🔍	dow Help					
🖁 Aug/201						
ist Sur	mmary sheet 1	Summary sheet 2				
Number	Floor	Tenant	Area	Unit	Operation hours [h]	Power [kWh]
1	block1	tenant1	area1	unit1-1-1	300.00	1,162.
2	block1	tenant1	area1	unit1-1-2	200.00	2,434.
3	block1	tenant1	area2	unit1-1-3	300.00	1,919.
2	DIOCICI					
·			III	*		4
 ✓ ✓	L3 Manual mete		III	_		
∢	L3 Manual mete	Summary sheet 2	1		Describer for the	
ہ Aug/201 ist Sur Number	13 Manual mete mmary sheet 1	Summary sheet 2	Area	Unit	Operation hours [h]	Power [kWh]
د کی Aug/201 ist Sur Number 1	13 Manual mete mmary sheet 1 Floor block1	Summary sheet 2 Tenant tenant1	Area area1	unit1-1-1	20.00	Power [kWh]
Aug/201 ist Sur Number 1 2	13 Manual mete mmary sheet 1 Floor block1 block1	Summary sheet 2 Tenant tenant1 tenant1	Area area1 area1	unit1-1-1 unit1-1-2	20.00	Power [kWh] 0. 0.
د کی Aug/201 ist Sur Number 1	13 Manual mete mmary sheet 1 Floor block1	Summary sheet 2 Tenant tenant1	Area area1 area1 area2	unit1-1-1	20.00	Power [kWh] 0. 0. 0.
Aug/201 ist Sur Number 1 2	13 Manual mete mmary sheet 1 Floor block1 block1	Summary sheet 2 Tenant tenant1 tenant1	Area area1 area1	unit1-1-1 unit1-1-2	20.00	Power [kWh] 0. 0.

Fig.5-69 [View report screen (when tiled vertically)]

5-11. Changing the software display language

Select the display language from the [Language] sub-menu to change the software display language.

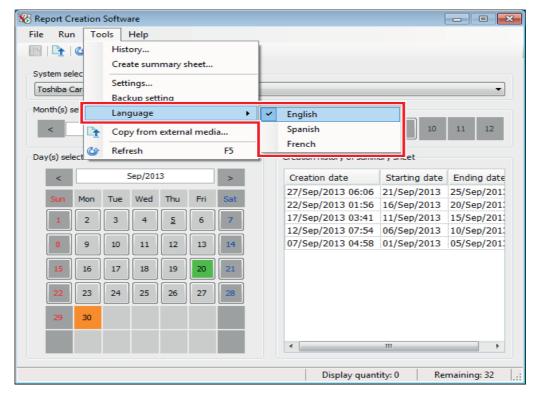


Fig.5-70 [Tools menu (Language sub-menu)]

The following languages can be selected.

English French	Spanish
----------------	---------

When you select the display language the message below is displayed. Restart the software and confirm the display language.

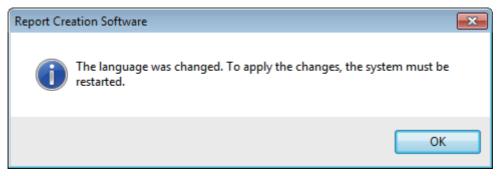


Fig.5-71 [Message displayed when changing language]

5-12. Deleting the software run history

Click the [Tools] menu item on the main screen and then History to display the History screen. Select the history to delete, and click the [Delete] button / [Delete selected history] menu item. If you click the [Delete all] menu item, all history will be deleted.

🏀 History			×
File Run Help			
Clic	< the button	Select the history to o	delete
Date and time	Description		
Ja Delete 14 22:16:40	The automatic processing of Toshiba Carrier finished.		=
1-n/20/2014 22:16:20	Croation of monthly rong	et of Tochiba Carrier was successful	
Jan/28/2014 22:16:38	Creation of monthly repo	ort of Toshiba Carrier was started.	
Jan/28/2014 22:10:37	Creation of daily report of	r Toshida Carrier was successful.	1
Jan/28/2014 22:16:37	Creation of daily report o	f Toshiba Carrier was started.	

Fig.5-72 [History screen (Delete button)]

K History				
File Run Heln				
🔒 🔒 Delete selecto	ed history		Select the hist	ory to delete
Date a Delete all				A
Oct/14/2013 09:43:49	The automatic p	processing of Toshib	a Carrier finished.	
0c+/14/2013 00:43:48	Creation of mon	<u>athly report of Toshi</u>	ha Carrier was succes	ssful.
Oct/14/2013 09:43:41	Creation of mon	nthly report of Toshi	ba Carrier was starte	d.
UCT/14/2013 09:43:40	creation of daily	report or roshiba c	amer was successiui	
Oct/14/2013 09:43:28	Creation of daily	report of Toshiba C	Carrier was started.	

Fig.5-73 [Run menu (Delete selected history)]

A delete confirmation message is displayed before deleting. To delete, click the [Yes] button. The selected history will be deleted. To cancel, click the [No] button.

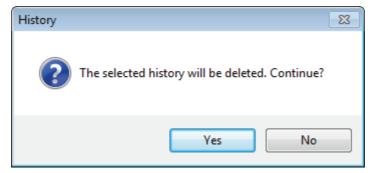


Fig.5-74 [Delete confirmation message]

5-13. Copying files from external media

Follow the procedure below to copy files from external media. [Note] If the external media is a Compact Flash card, use a USB card reader. Only for – Type: Touch Screen Controller / Model: BMS-CT5120

1 After selecting the Touch Screen Controller system, click the [Copy from external media] button/ [Copy from external media] menu item.

🛞 Report Creation Software	- • ×
File Run Tools Help	
□ Click the button	
Syst Copy from external media	
Toshiba Carrier	•

Fig.5-75 [Main screen (Copy from external media button)]

🛞 Report Creation	Software								-	• •
File Run To	ols Help									
🖻 🔁 🎱	History									
Sustan aslas	Create summary sheet									
System selec	Settings	_								-
Toshiba Carl	Backup setting									•
Month(s) sele	Language	٠L	_	_					_	_
<	Copy from external media		5	6	7	8	9	10	11	12
Dav(s) select	Refresh F5		Creat	ion hist	orvofs	ummarv	sheet			

Fig.5-76 [Tools menu (Copy from external media)]

2 A copy source selection window is displayed. A list of folders containing folders named DEF on the removable disk connected to the PC is displayed.

K Select the copy source	×
E:UsbExport_20141231235959 UsbExport_20150101000000	
ОК Сапсе	el

Fig.5-77 [Select the copy source]

3 Select the folder that contains the file that you wish to copy, and click the [OK] button. The file will be copied when the [OK] button is clicked.

🏀 Select the copy source	×
E:\ UsbExport_20141231235050 UsbExport_20150101000000]
Click the button	

Fig.5-78 [Select the copy source]

4 When the file has been copied, the main screen will update based on the copied file.

6 The automatic download function

This function is carried out when "Automatic download" is set. Refer to "5-2.Registering target system information" to set the automatic download function.

Automatic download is only performed when the PC the software is installed on is running. As the PC may not be running at the automatic download time, if more than one day has passed since the last automatic download, the notification area icon turns red.



Fig.6-1 [The notification area]

7 The backup function

This function backs up the main data or power distribution data of the air-conditioner.

7-1. Registering target system information

When Report Creation Software is started up for the first time the target system is not registered. Follow the procedure below to register the target system.

1 Click the [Backup setting] menu item on the main screen to display the new registration screen.

🛞 Report Creation	Software	
File Run To	ools Help	
🖻 <u>भ</u> 🎱	History	
Curtary and a	Create summary sheet	
System selec	Settings	
	Backup setting	
Month(s) se.	Language 🕨 🕨	
<	Copy from external media	5 6 7 8 9 10 11 12
Day(s) select	Refresh F5	Creation history of summary sheet

Fig.7-1 [Tools menu (Backup setting)]

/stem	•		
уре	Smart BMS Manager		
Model	BMS-SM1280HTLUL		
IP Address	192.168.2.30		
Daily report closing time	00:00		
Monthly report closing date	0		
Automatic backup			
	Daily		00:00
Date and time of automatic backup	Weekly	Sunday	00:00
	Monthly	1	00:00
Backup save folder	0		

Fig.7-2 [The system registration screen]

2 Enter the items (No.1 to 4) of the system to be backed up.

The following table shows how to enter / select each item:

No.	ltem		Data type	Input / selection method
1	System		Entered by user	-
2	Туре		Selected by user	Selected from list
3	Model		Selected by user	Selected from list
4	IP Address		Entered by user	Number input
5	Daily report closing time		Cannot be entered	
6	Monthly report closing date		Cannot be entered	
7	Automatic backup		Selected by user	
		Interval	Selected by user	Select "Daily", "Weekly" or "Monthly"
		Daily	Entered by user	Enter the backup time
8	Date and time for automatic backup	Weekly	Selected and entered by user	Select the backup day of the week and enter the backup time
		Monthly	Selected and entered by user	Select the backup day and enter the backup time
9	Backup folder		Entered by user	Enter directly or use the [Browse] button

Table.7-1 [Input / selection method for the items]

3 Click the [Check the connection] button / [Check the connection] menu item to check the connection for the target system.

If the connection is established successfully, the monthly report closing date and time are set.

🛞 System registration		
File Run Help		
	Click the button	
System		Toshiba Carrier
Туре	nection	Smart BMS Manager

Fig.7-3 [System registration screen (Check the connection button)]

😵 Syst	tem registration	
File	Run Help	
+	😓 Check the connection	

Fig.7-4 [Run menu (Check the connection)]

4 To perform automatic backup, select the items.

Select "Daily", "Weekly" or "Monthly" for the automatic backup interval.

- "Daily": Enter the backup time.
- "Weekly": Select the backup day of the week from the combo box and enter the backup time.
- "Monthly": Select the backup day from the combo box and enter the backup time.

Automatic backup is only performed when the PC that the software is installed on is running.

5 If there are any errors in a registration item, an error icon appears in that item. Hover the mouse over the error icon to view the error message.

😵 System registration	
File Run Help	
4	
System	Error icon
Туре	Smart RMS Manager
Model	The system name is not specified.

Fig.7-5 [Error icon (when no system is set)]

6 When all of the items are entered properly, you can click the [Register] button / [Register] menu item.

Click the [Register] button / [Register] menu item to register the system information.

🛞 System registration	
File Run Help	
Click the button	
System	Toshiba Carrier
Туре	Smart BMS Manager
Model	BMS-SM1280HTLUL

Fig.7-6 [System registration screen (Register button)]

🌾 System registration		×
File Run Help		
and the second s		
Close	Toshiba Carrier	

Fig.7-7 [File menu (Register)]

7 Click the [Close] icon / [Close] menu item to close the system registration screen.

😵 System registration	Click the icon	→ _
File Run Help		

Fig.7-8 [System registration screen (Close icon)]

System registration		2
File Run Help		
Register		
Close	Toshiba Carrier	
Type	Smart BMS Manager	

Fig.7-9 [File menu (Close)]

8 If the system information is still being entered, a confirmation message appears.

If the [Yes] button is clicked, the entered information is discarded and the system registration screen closes.



Fig.7-10 [Confirmation message]

7-2. Adding a target system

Follow the procedure below to add a new target system.

1 Click the [Backup setting] menu item on the main screen to display a list of registered systems.

🔏 Report Creation	Software	
File Run To	ols Help	
	History	
	Create summary sheet	
System selec	Settings	
Toshiba Ca	Backup setting	`
Month(s) se.	Language 🕨 🕨	
< 💽	Copy from external media	5 6 7 8 9 10 11 12
Day(s) select 🍄	Refresh F5	Creation history of summary sheet

Fig.7-11 [Tools menu (Backup setting)]

2 Click the [New] button / [New] menu item in the registered systems list screen to display the new registration screen.

😿 List display				×
File Edit Run H	lelp			
	Click the button	-		
System	Туре	Model	IP Address	Automatic backup
Tos New rrier	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	
Toshiba Carier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL	•••	

Fig.7-12 [List display screen (New button)]

🛞 List disp	lay					
File Ed	lit Run Helt	0				
B	New					
Systen 🦻	Edit	Туре	Model	IP Address	Automatic backup	
Toshiba 🔒	Delete	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32		
Toshiba Ca	rier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL	•••		
	Fig.7-13 [Edit menu (New)]					

Refer to "7-1.Registering target system information" to add the target system.

7-3. Editing a target system

Follow the procedure below on the registered systems list screen to edit the target system.

1 Select the target system to edit.

			×
łp		Select the	target system to ed
			1
Type	Model	as thhA II	Automatic backup
Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	
Smart BMS Manager	BMS-SM1280HTLUL		
	Smart BMS Manager	Type Model Smart BMS Manager BMS-SM1280HTLUL	Type Model TP Addivise Smart BMS Manager BMS-SM1280HTLUL 192.168.2.32

Fig.7-14 [The List display screen]

2 After selecting, click the [Edit] button / [Edit] menu item to display the edit screen.

🛞 List display				
Fil <u>e Ed</u> it Run <u>He</u>	lp			
	Click the button			
System	Туре	Model	IP Address	Automatic backup
Toshib Edit er	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	
Toshiba Carier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL		

Fig.7-15 [List display screen (Edit button)]

🏀 List displa	у				×
File Edit	Run Help	, ,			
BB	New				
Syste 🕟	Edit	Туре	Model	IP Address	Automatic backup
Toshiba 🔒	Delete	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	
Toshiba Carie	er(Annex)	Smart BMS Manager	BMS-SM1280HTLUL		

Fig.7-16 [Edit menu (Edit)]

Refer to "7-1.Registering target system information" to edit the target system. When Details is selected, the system whose details are being displayed will be edited.

7-4. Deleting a target system

Follow the procedure below on the registered systems list screen to delete a target system.

1 Select the target system to delete.

File Edit Run He	elp		Select th	e target syst	em to delete
🗈 🖹 🔰				ie larget eyet	
System	Type	Model	IP Adduss	Automatic h	ackun
Toshiba Carrier	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32		
I osniba Carier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL			1

Fig.7-17 [The List display screen]

2 After selecting the system, click the [Delete] menu item.

😿 List display				×
File Edit Run He	lp			
New				
Systen 📄 Edit	Туре	Model	IP Address	Automatic backup
Toshib 🔒 Delete	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	
Toshiba caner(Annex)	Smart BMS Manager	BMS-SM1280HTLUL	•••	

Fig.7-18 [Edit menu (Delete)]

${f 3}$ A delete confirmation message is displayed before deleting.

To delete, click the [Yes] button. The selected system will be deleted. To cancel, click the [No] button.

When Details is selected, the system whose details are being displayed will be deleted.

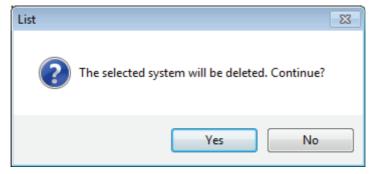


Fig.7-19 [Delete confirmation message]

7-5. Changing the display format of the registered systems list

There are two display formats for the registered systems list.

- List display: Registered systems are displayed in a list.
- · Details: Detailed information about the registered systems is displayed.

🌃 List display								
File Edit Run Help								
System	Туре	Model	IP Address	Automatic backup				
Toshiba Carrier	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32					
Toshiba Carier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL						
Toshiba Carrier(New wing)	Smart BMS Manager	BMS-SM1280HTLUL						
4								
•	III			۱. ۲				

Fig.7-20 [The List display screen]

System	Toshiba Carrier			
Туре	Smart BMS Mana	ager		
Model	BMS-SM1280HTLUL 192.168.2.32 23:59 31			
IP Address				
Daily report closing time				
Monthly report closing date				
Automatic backup				
	Daily		00:00	
Date and time of automatic backup	Weekly	Sunday	00:00	
	Monthly	1	00:00	
Backup save folder				

Fig.7-21 [The Details screen]

Click the [List display] button / [Details] button to change the display format.

😿 Details	
File Edit Run Help]
System	Toshiba Carrier
Type	Smart BMS Manager

Fig.7-22 [Details screen (List display button)]

😵 List display				×
File Edit Run He	Click the button			
System	Туре	Model	IP Address	Automatic backup
Toshiba Carr. Details	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32	
Toshiba Carrier(Annex)	Smart BMS Manager	BMS-SM1280HTLUL		

Fig.7-23 [List display screen (Details button)]

When several systems are registered, click the [Previous] button / [Next] button to change the system that is being displayed.

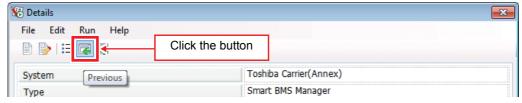


Fig.7-24 [Details screen (Previous button)]

😵 Details		×
<u>F</u> ile <u>E</u> dit <u>R</u> un <u>H</u> elp		
	Click the button	
System Next	Toshiba C	arrier(Annex)
Туре		S Manager

Fig.7-25 [Details screen (Next button)]

7-6. Performing manual backup

Select a target system and then click the [Backup] menu item to perform manual backup.

File Edit Run	Help		Select the target system to back u		
Svstem	Type	Model	IP Addi ss	Automatic backup	
Toshiba Carrier	Smart BMS Manager	BMS-SM1280HTLUL	192.168.2.32		
i osniba Carrier(Anne	x) Smart BMS Manager	RM2-2M1580H1F0F			

Fig.7-26 [The List display screen (Backup)]

🏀 Details	×
File Edit Run Help	
Backup	
System	Toshiba Carrier

Fig.7-27 [The Details screen (Backup)]

8 Cautions

8-1. "** exception **" and "** no name **" on the monthly report screen

If the controller setting has been changed due to one of the following reasons, "** exception **" or "** no name **" may be displayed on the result display in the monthly report.

(1) The air conditioner was removed or moved, or the indoor unit group was changed.

(2) The tenant was changed.

In the case of (1), "** exception **" is entered for the air conditioner whose setting has not been changed yet. For the air conditioner with "** exception **" entered, only the operation hours will be entered. In the case of (2), "** no name **" is entered in the tenant name or area name for the previous tenant. For the air conditioner with "** no name **" entered, the operating results will be entered.

Fig.8-1 shows an example with the following changes:

(1) One indoor unit in "TENANT-B" was removed.

(2) The tenant of the units "unit1-1-1" and "unit1-1-2" was changed from "TENANT-A" to "TENANT-C".

	А	В	С	D	E	F	G	Н	L
1	toshiba								
2			Air conditioner	power distribution	on result Monthly rep	oort List			
3		Metering term							
4		Starting date	Aug/01/2013						
5		Ending date	Aug/31/2013						
6	j								
7									
8			Cla	ssification					
9	Number	Floor	Tenant	Area	RC group/Unit name	Operation hours [h]	Power [kWh]	Charge [Dollar]	Charge inclu
10	1	FLOOR-1	TENANT-A	** no name **	unit1-1-1	200.0	774.72	14394.93	
11		FLOOR-1	TENANT-A	** no name **	unit1-1-2	133.3	1622.70	28647.64	
12		FLOOR-1	TENANT-A	area2	unit1-1-3	200.0	1279.45	23781.55	
13		** exception **			** exception **		** exception *		** exceptior
14		FLOOR-1	TENANT-B	area3	unit1-2-2	133.3	1309.01	21808.16	
15		FLOOR-1	TENANT-B	area3	unit1-2-3	200.0	1545.07	32734.77	
16		FLOOR-1	TENANT-C	area1	unit1-1-1	133.3	858.37	14300.43	
17	8	FLOOR-1	TENANT-C	area1	unit1-1-2	200.0	1287.55	27278.96	
18						(222.2			
19					Total	1333.3	8676.9	162946.4	L
20									
21									
ii 1	→ > Lis	t 🖉 Summary sheet	1 / Summary	sheet 2 🏑 💱 🦯					▶ [

Fig.8-1 [List sheet]

9 License agreement

Before using "Report Creation Software" (hereinafter referred to as "this software"), read this software's license agreement (hereinafter referred to as "this agreement") carefully.

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- (6) The user shall not let any other users use this software over a local network or the Internet.
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- (9) The user agrees to comply with the Foreign Exchange and Foreign Trade Control Law, the Export Trade Control Order, the United States Export Administration Act and all applicable international and national laws and regulations that apply to this software directly or indirectly.
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