MEE

MELSEC-Q Series Basic Model
QCPU Compatible Program Loader EQLDR01
Data Conversion Utility Function Software Package

Model

EQLDR1QC-UTLW

Operating Manual

● SAFETY PRECAUTIONS ●

(Always read these precautions prior to use.)

Before using this product, please read this manual and the relevant manuals introduced in this manual carefully and pay full attention to safety to ensure that the product is used correctly.

A-1

REVISIONS

*The manual number is given on the bottom left of the back cover.

Print Date	*Manual Number	Revision
Oct., 2006	50EM8665-A	First Edition

INTRODUCTION

Thank you for purchasing the EQLDR01 program loader data conversion utility function software package manufactured by Mitsubishi Electric Engineering Company Limited (hereafter “MEE”). Prior to use, please read this manual and the EQLDR01 Program Loader Operating Manual carefully to develop full familiarity with the functions and performance of the general-purpose PLC MELSEC series manufactured by Mitsubishi Electric Corporation, so as to ensure correct use.

TABLE OF CONTENTS

Generic Terms and Abbreviations

This manual uses the following generic terms and abbreviations in product explanations, unless otherwise specified. The module model is stated when needed.

Generic Term/Abbreviation	Description
Program Loader	An abbreviated name for MELSEC-Q Series Basic Model QCPU EQLDR01 Program Loader.
CF card	An abbreviated name for compact flash card.
GX Developer	A generic term for the product models SWnD5C-GPPW, SWnD5C-GPPW-A, SWnD5C-GPPW-V and SWnD5C-GPPW-VA (n refers to each version 0 to 8).
Basic model QCPU	A generic term for Q00JCPU, Q00CPU and Q01CPU.
High-performance model QCPU	A generic term for Q02(H)CPU, Q06HCPU, Q12HCPU and Q25HCPU.
Process CPU	A generic term for Q12PHCPU and Q25PHCPU.
QCPU (A mode)	A generic term for Q02(H)-A and Q06H-A.
QCPU (Q mode)	A generic term for QOOJ, Q00, Q01,Q02(H), Q06H, Q12H, Q12PH, Q25H and Q25PHCPU.

Trademarks

Caution

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1. OVERVIEW

This manual describes the system configuration, specifications, handling and function operation methods of the EQLDR01 Program Loader Data Conversion Utility Function Software Package (hereafter “utility”).
This utility is a software package for converting a project that was created using GX Developer into program data that can be written to a PLC using Program Loader, and for converting Program Loader data loaded from a PLC by Program Loader into a GX Developer project so that the data can be read using GX Developer.

1.1 Features

(1) Transferring data via CF card

In the past, when data such as program or parameter data was to be saved on a CF card, Program Loader had to be connected to the PLC CPU to load the data.
This utility allows you to perform the following even without a PLC CPU:

- Convert a GX Developer project to Program Loader data and save the data on a CF card.
- Convert Program Loader data on a CF card to a GX Developer project and save the project on a PC.

(2) Support of data with password

When a password that prohibits data writing is set for data on the PLC CPU, the utility converts the project with the password set, thereby enabling writing. (Reading from the PLC is not possible.)

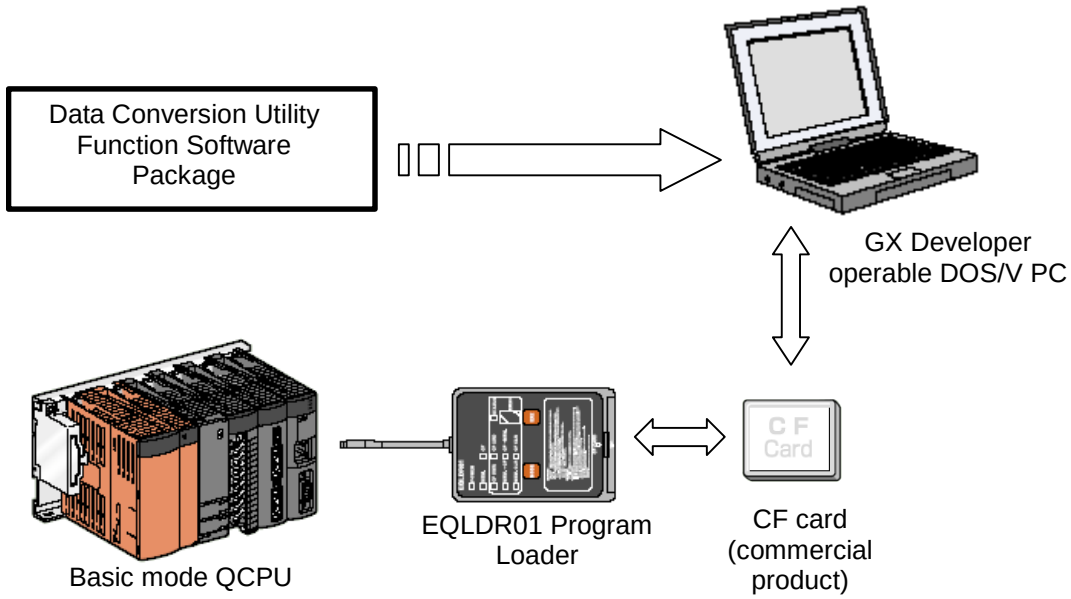
1.2 Function List

The following is a list of the functions of the utility.

No.	Function Name	Process Overview
1	Convert GX Developer Project → Program Loader Data	Converts a GX Developer project to Program Loader data and saves the data.
2	Convert Program Loader Data → GX Developer Project	Converts Program Loader data to a GX Developer project and saves the project.

2. SYSTEM CONFIGURATION

2.1 System Configuration



2.2 Operating Environment

The following describes the operating environment of the utility.

DOS/V PC	A PC with Windows 2000 A PC with Windows XP
OS	Windows2000 Professional WindowsXP Professional/Home Edition
CPU	600MHz or higher (Multiprocessor not applicable)
Display	Resolution: 1024 x 768 dots or higher
Memory	64MB or higher (128MB or higher with Windows XP)
HD free space	At installation: 200MB or higher (recommended) At execution: 100MB virtual memory space or higher

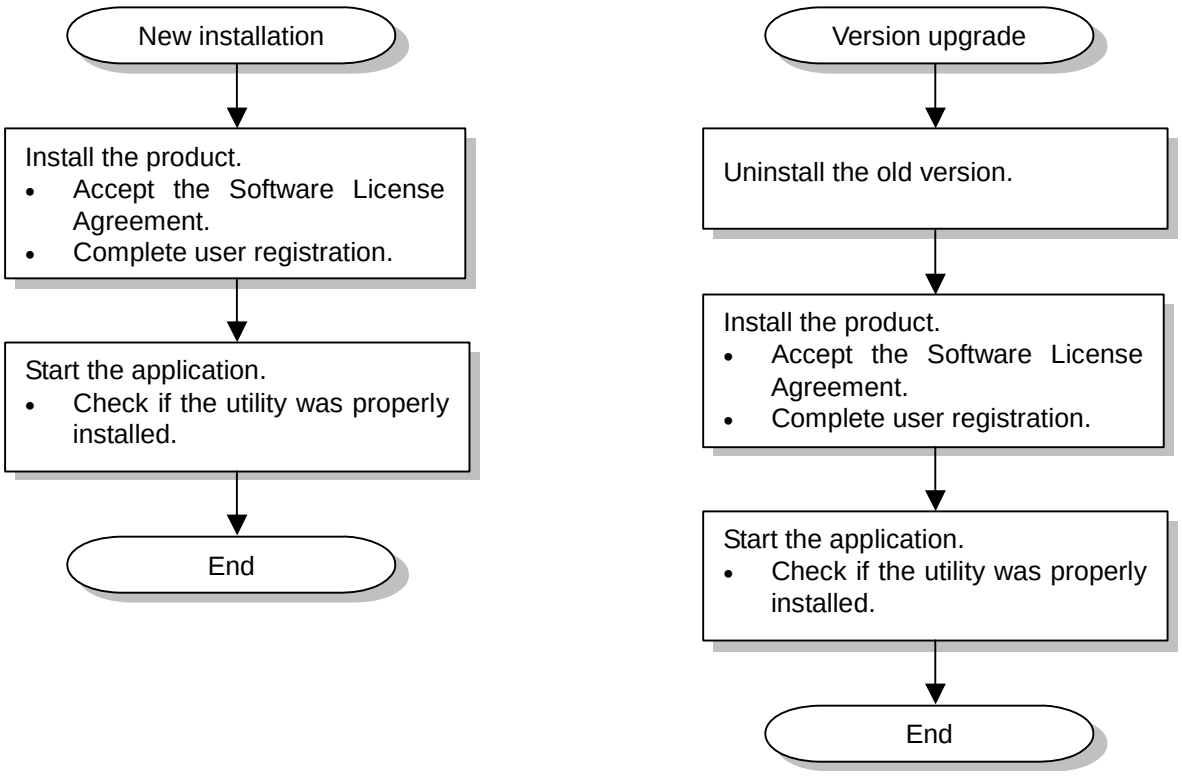
3. INSTALLING AND UNINSTALLING THE UTILITY

This chapter describes how to install and uninstall the utility.

3.1 Installing the Utility

3.1.1 Installation procedure

The following describes how to install the utility.



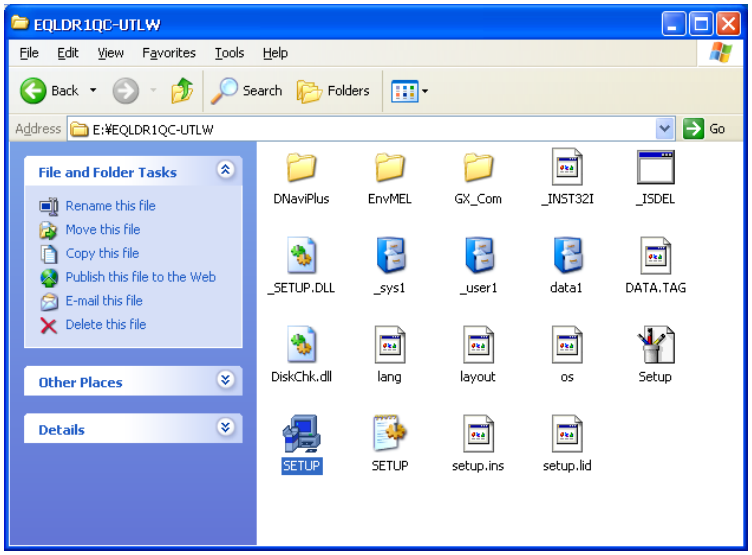
Point
If a confirmation message regarding the replacement of various DLLs appears during installation, select OK and replace the DLLs. Failure to replace the DLLs may cause the product to not run properly.

3-1

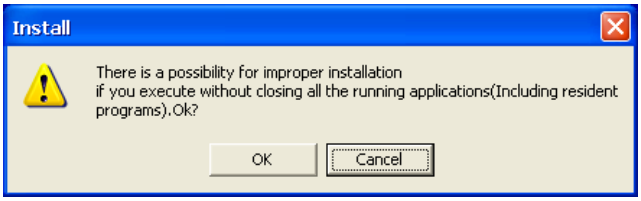
3.1.2 Installation operation

Prior to installation, check the following.

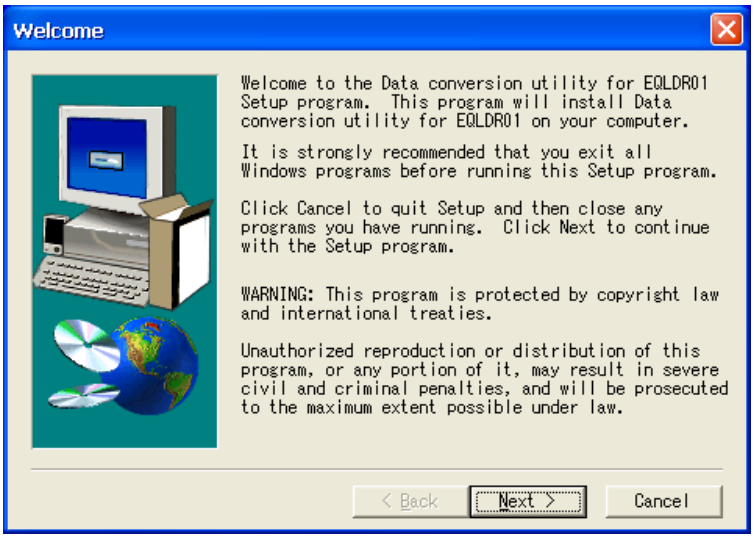
Point
• Prior to installation, close all other applications running on Windows®. • When using Windows® XP Professional, Windows® XP Home Edition or Windows® 2000 Profession, log in as a user with Administrator (computer administrator) attributes.



[1] Start Windows® Explorer and click the drive where the disk is inserted. Run “SETUP.EXE”.

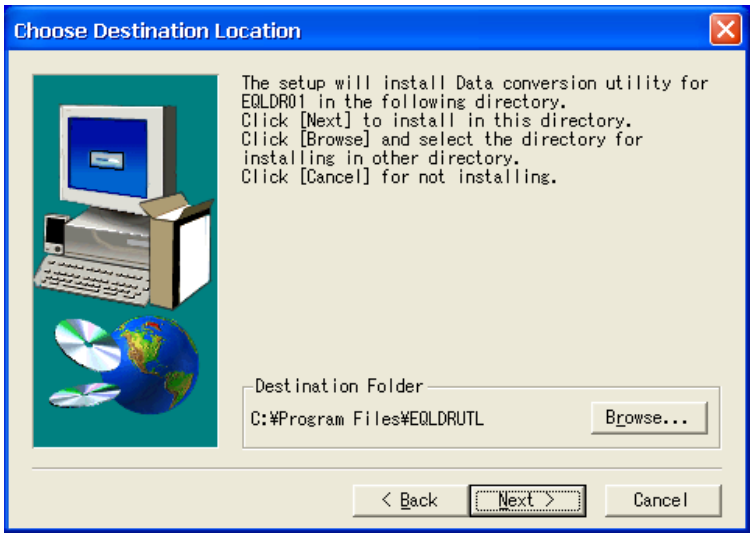


[2] Prior to installation, close all other applications running on Windows® and click the OK button. To cancel installation, click the Cancel button.



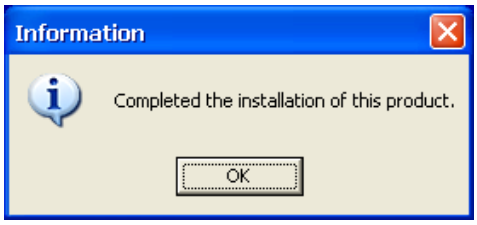
[3] Initial installation screen

To execute install, click the Next > button. To cancel installation, click the Cancel button.



[4] Specify the installation destination folder. The installation destination folder appears. If the folder is acceptable, click Next >.

To change the folder, click Browse… and specify the target drive and folder.



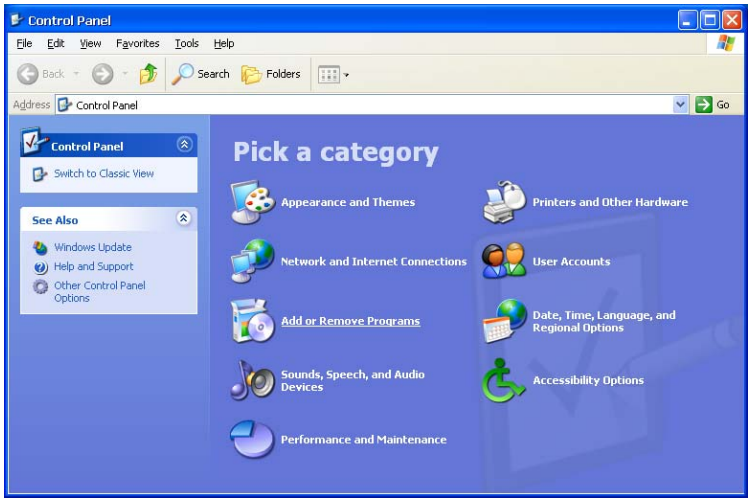
[5] Installation is completed. Click OK.

Remarks

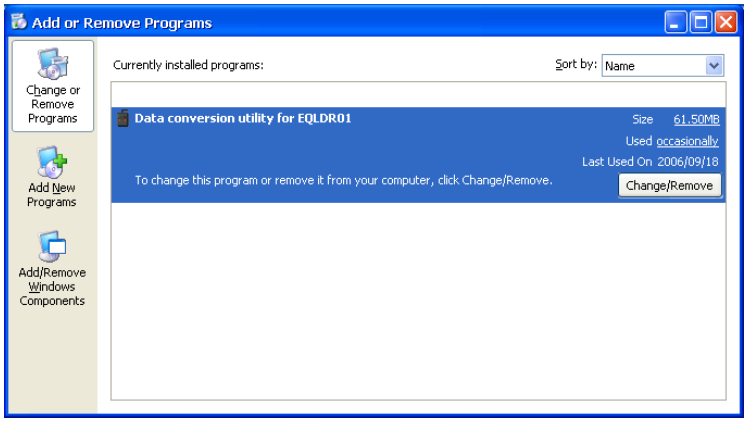
When this product is installed, the icon is registered under [Start] → [All Programs] → [MEE] → [EQLDR01 Data Conversion Utility].

3.2 Uninstalling the Utility

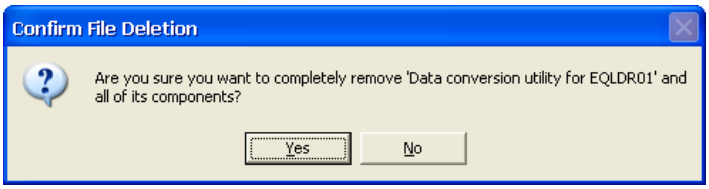
The following describes how to remove the product from your hard disk.



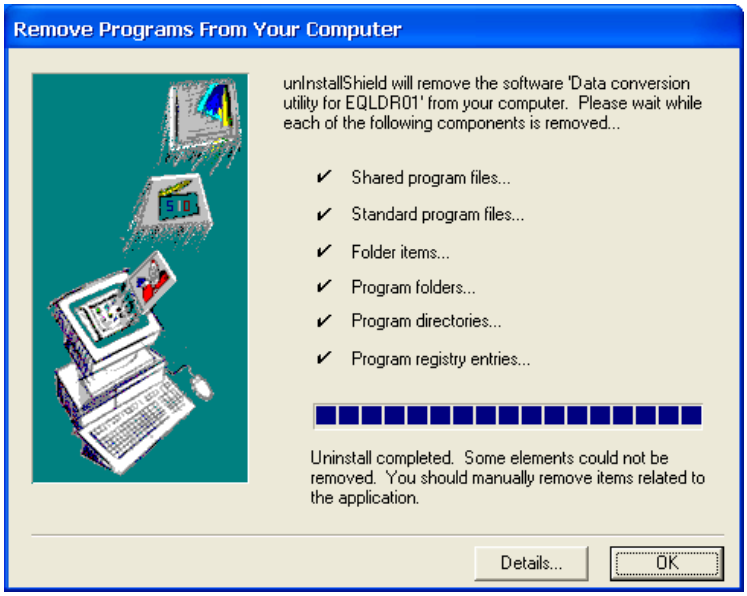
[1] Select “Add or Remove Programs” from the Control Panel. To display the Control Panel, select [Start] → [Control Panel].



[2] Select the software package to be removed or changed. Select “EQLDR01 Data Conversion Utility”.



[3] Confirm software package removal. To uninstall the utility, click Yes. To not uninstall the utility and return to the previous screen, click No.



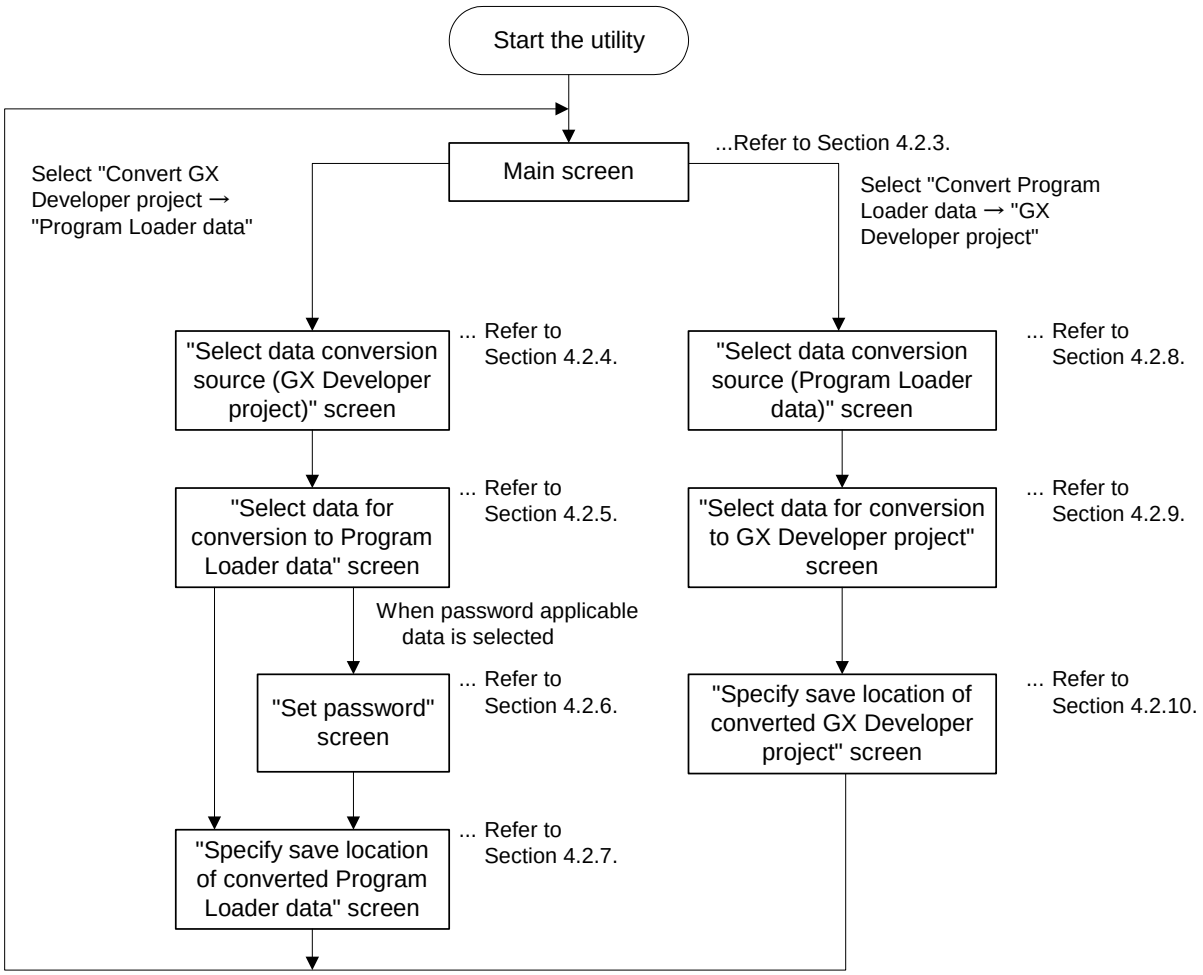
[4] Program removal is completed. Click the OK button.

3-5

4. OPERATION PROCEDURE

This chapter describes the flow of utility operation.

4.1 Operation Flow



4-1

4.2 Operation Method

The following describes how to operate the utility.

4.2.1 Starting the utility

To start the utility, click [Start] → [All Programs (P)] → [MEE] → [EQLDR01 Data Conversion Utility] → [EQLDR01 Data Conversion Utility].

4-2

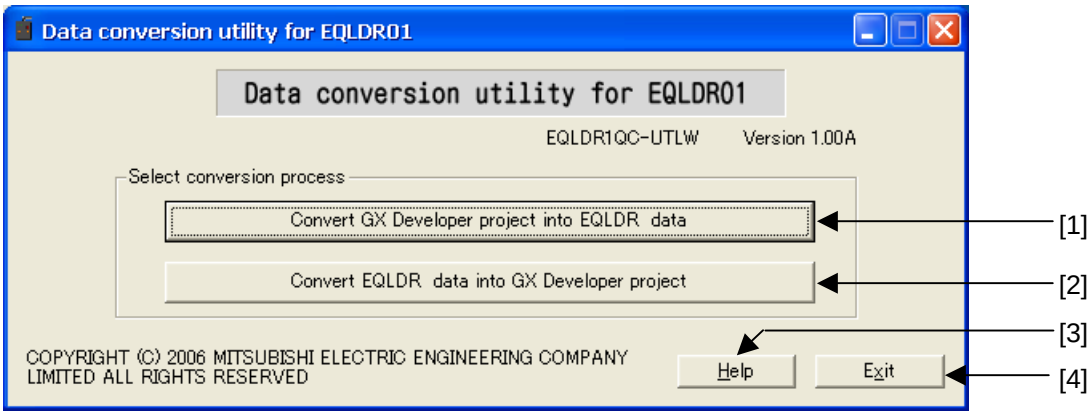
4.2.2 Main screen

On the main screen, select either “Convert GX Developer Project → Program Loader Data” or “Convert Program Loader Data → GX Developer Project”.

[Operation procedure]

Start the application. The following screen appears.

[Setting screen]



[Item explanation]

[1] Convert GX Developer project into EQLDR data

Click this item if you want to convert a GX Developer project to Program Loader data.

[2] Convert EQLDR data into GX Developer project

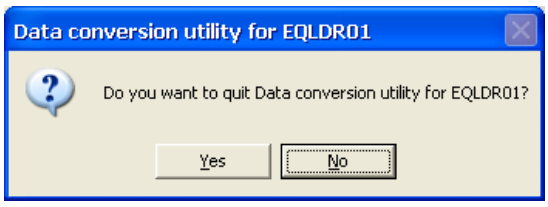
Click this item if you want to convert Program Loader data to a GX Developer project.

[3] Help button

This button displays the operating manual. For details, refer to Section 4.3, “Help Function.”

[4] Exit button

Click this button to exit the utility. When the button is clicked, the following message appears. Click Yes. The utility closes.



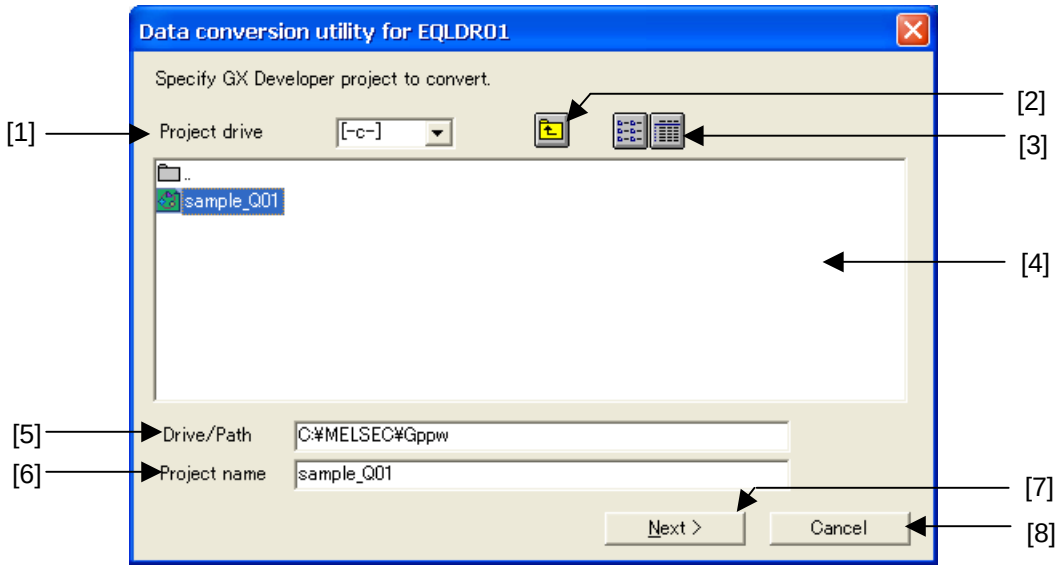
4.2.3 “Select data conversion source (GX Developer project)” screen

On the “Select data conversion source (GX Developer project)” screen, select the GX Developer project that is to serve as the conversion source when converting a GX Developer project to Program Loader data.

[Operation procedure]

On the main screen, click the Convert GX Developer project into EQLDR data button. The screen appears.

[Setting screen]



[Item explanation]

[1] Project drive

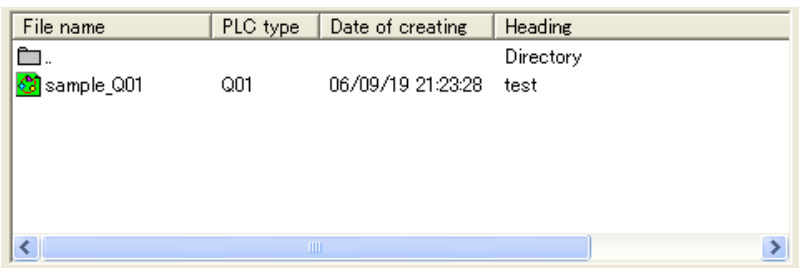
In this area, select the drive where the GX Developer project is saved.

[2] (Upper Folder) button

This button displays the upper folder.

[3] (Switch View) button

This button switches the project list (Item [4]) view to simple or detailed.



(Example of detailed display)

[4] Project list

This area shows a list of the projects in the selected folder. When the detailed view is selected with the Switch View button, the list shows the CPU type, created date and title. If the CPU type does not appear in the detailed view, the data may be corrupted.

[5] Drive/Path

In this area, specify the drive/path name of the project to be selected.

[6] Project name

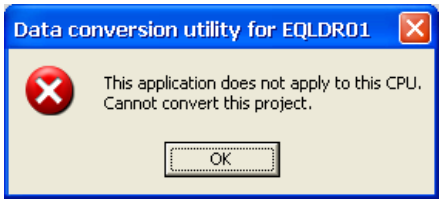
In this area, specify the name of the project to be selected.

[7] Next > button

This button advances the screen to the "Select data for conversion to Program Loader data" screen.

Point

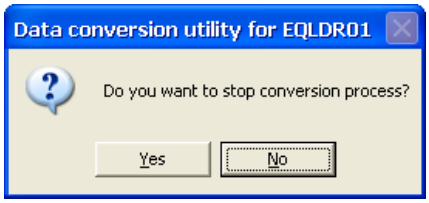
- The Next > button cannot be clicked if a conversion source project is not selected.
- When a project other than QUTE is selected, an error appears.



- When a project opened using GX Developer is selected, an error appears.

[8] Cancel button

Click this button to cancel the conversion process. The following message appears. Clicking Yes returns the screen to the main screen.



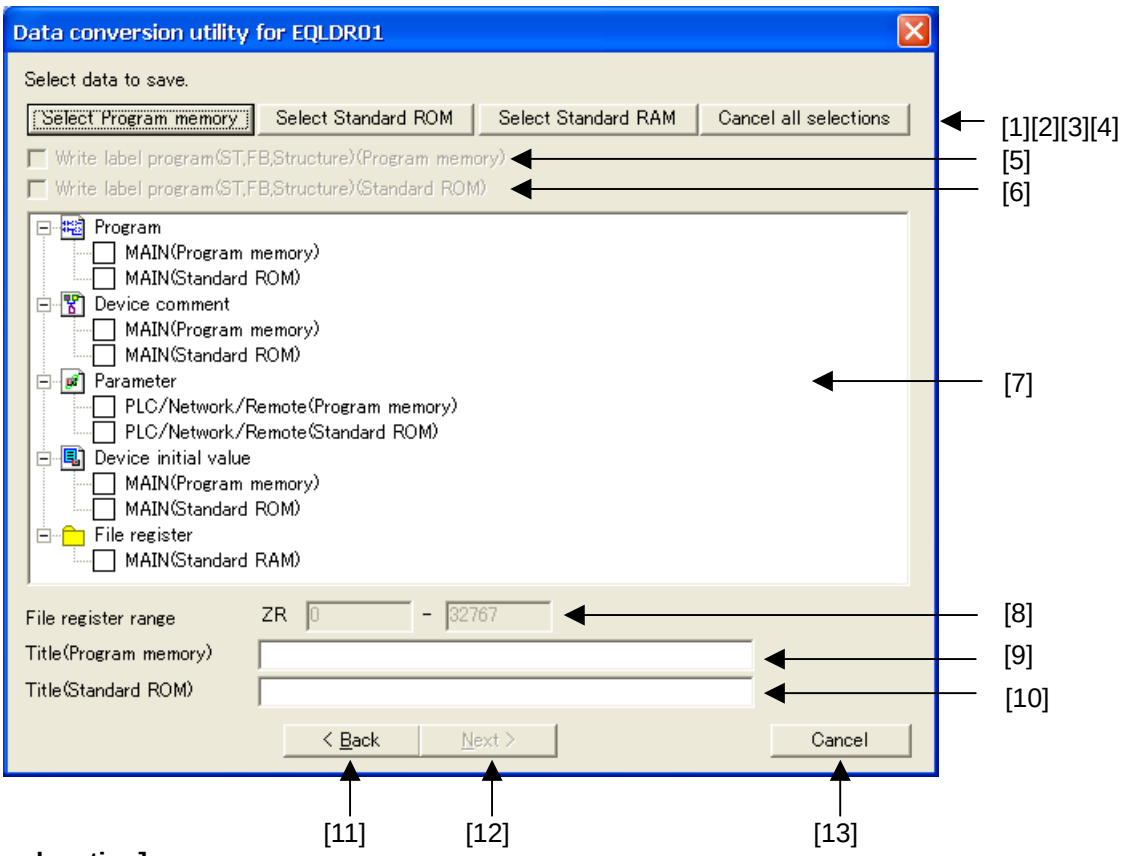
4.2.4 “Select data for conversion to Program Loader data” screen

On the “Select data for conversion to Program Loader data” screen, select the GX Developer project data to be converted when converting a GX Developer project to Program Loader data.

[Operation procedure]

On the “Select data conversion source (GX Developer project)” screen, select a GX Developer project and click the Next > button. The screen appears.

[Setting screen]



[Item explanation]

[1] Select Program memory button

Click this button to select all data applicable to program memory.

[2] Select Standard ROM button

Click this button to select all data applicable to standard ROM.

[3] Select Standard RAM button

Click this button to select all data applicable to standard RAM.

4-6

[4] **Cancel all selections button**

Click this button to clear all data selections.

[5] **"Write label programs (STs, FBs, structures) (program memory)" checkbox**

Click this box when you want to write label programs to the program memory of the PLC CPU. A checkmark appears in the box. This checkbox is disabled when program (program memory) is not selected. The checkbox is always disabled when the project does not have label information.

[6] **"Write label programs (STs, FBs, structures) (standard ROM)" checkbox**

Click this box when you want to write label programs to the program memory of the PLC CPU. A checkmark appears in the box. This checkbox is disabled when program (standard ROM) is not selected. The checkbox is always disabled when the project does not have label information.

[7] **Data list**

This area shows a list of convertible data. The name of the target memory in parentheses is the conversion destination. Placing a checkmark in the checkbox on the left of the data (the data checkbox) selects that data for conversion to Program Loader data.

[8] **File register range**

This area sets the range of the file register. The area is disabled when a file register is not selected.

Point
• The input range is 0 to 65535. • If the end number is smaller than the start number, if a value outside the input range is set, or if the start number or end number has not been entered, an error occurs.

[9] **Title (Program memory)**

This area is used to set the title of program memory. A total of 32 single-byte characters or 16 double-byte characters can be entered.

[10] **Title (Standard ROM)**

This area is used to set the title of standard ROM. A total of 32 single-byte characters or 16 double-byte characters can be entered.

[11] **< Back button**

Click this button to return the screen to the previous "Select data conversion source (GX Developer project)" screen.

[12] Next > button

Click this button to continue the conversion process after selecting the data to be converted. Clicking the button advances the screen to the “Set password” screen when a program, device comment or device initial value is selected. When a program, device comment or device initial value is not selected, the screen advances to the “Specify save location after conversion” screen.

[13] Cancel button

Click this button to cancel the conversion process. A message appears. Click OK. The screen returns to the main screen.

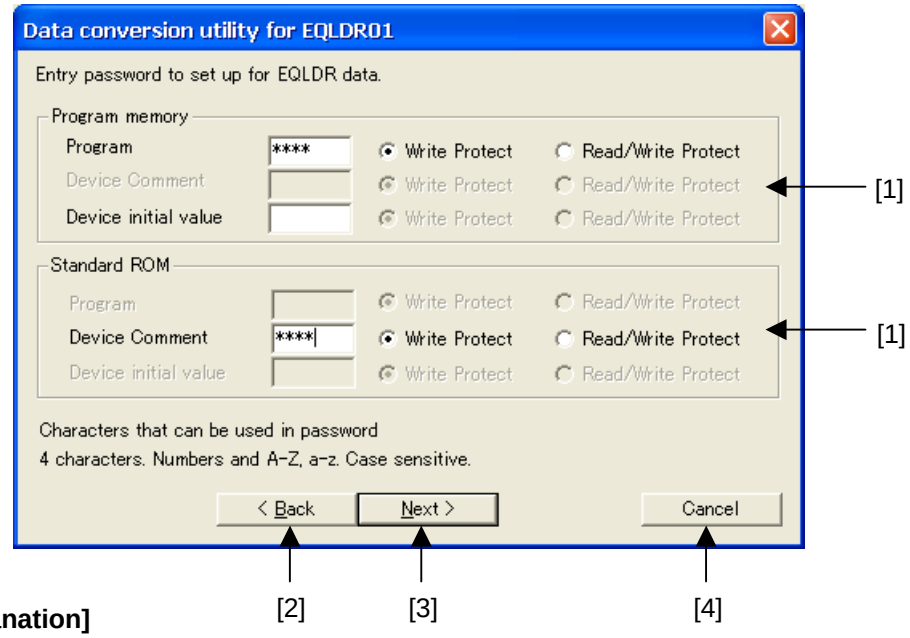
4.2.5 “Set password” screen

On the “Set password” screen, set a password when password applicable data has been selected for conversion to Program Loader data.
If a password is already set for the PLC CPU where Write to PLC is to be performed using Program Loader, set the same password.

[Operation procedure]

On the “Select data for conversion to Program Loader data” screen, select a program, device comment or device initial value and click the Next > button. The screen appears.

[Setting screen]



[Item explanation]

[1] Program memory / Standard ROM

This area is used to set the password for the target memory program, comment or device initial value, as well as password registration conditions (write prohibited, read/write prohibited).
The password setting is enabled for only the data selected on the “Select data for conversion to Program Loader data” screen.
If the password is omitted, no password is set.

Point

- The following indicates the relationship of the operation at the time of Read from PLC and Write to PLC of Program Loader when a password is set.

[At the time of Read from PLC of Program Loader]

(○: Read possible, ×: Read not possible)

Password Registration Status of PLC Data		
No password	Write Prohibited	Write/Read Prohibited
○	○	×

[At the time of Write to PLC of Program Loader]

(○: Write possible, △: Write possible if password matches)

Password Registration Status of PLC Data		
No password	Write Prohibited	Write/Read Prohibited
○	△	△

[2] < Back button

Click this button to return to the previous “Select data for conversion to Program Loader data” screen.

[3] Next > button

Click this button to continue the conversion process after setting the password. The screen advances to the “Specify save location of converted Program Loader data” screen. If the password is omitted, no password is set.

[4] Cancel button

Click this button to cancel the conversion process. A message appears. Click OK. The screen returns to the main screen.

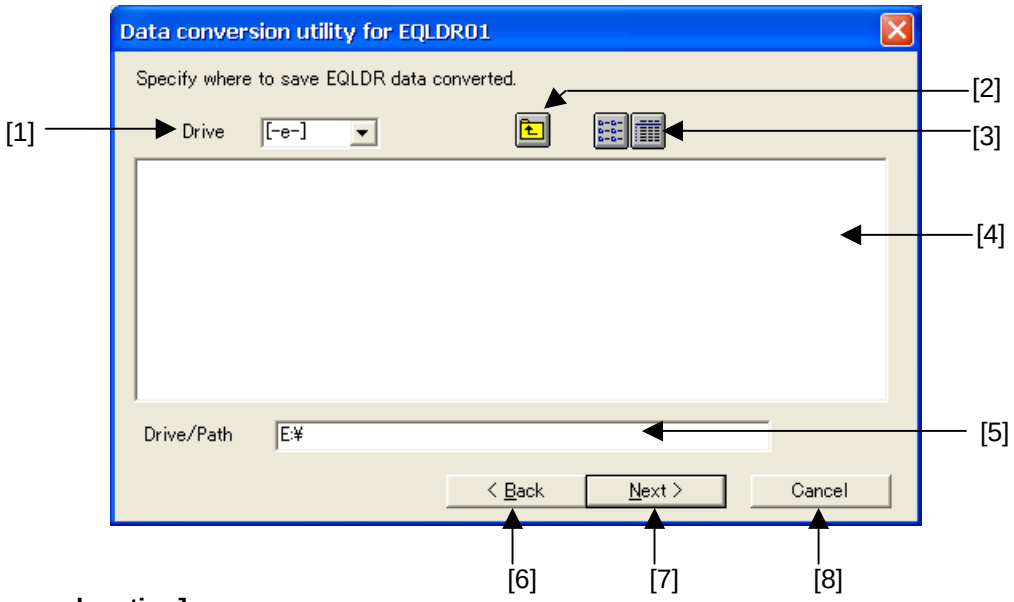
4.2.6 “Specify save location of converted Program Loader data” screen

On the “Specify save location of converted Program Loader data” screen, specify the save location of data converted from a GX Develop project to Program Loader data.

[Operation procedure]

On the “Select data for conversion to Program Loader data” screen, select the data to be converted and click the Next > button. The screen appears.
Or, on the “Set password” screen, click the Next > button. The screen appears.

[Setting screen]



[Item explanation]

[1] Drive

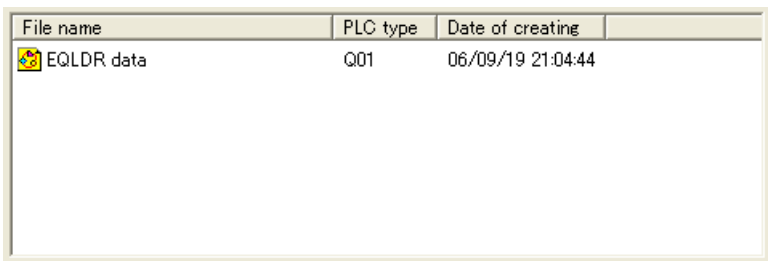
In this area, select the drive for saving the Program Loader data.
Example: Select the drive where the CF card used for Program Loader is inserted.

[2] (Upper Folder) button

This button displays the upper folder.

[3] (Switch View) button

This button switches the Program Loader data list view to simple or detailed.



(Example of detailed display)

[4] Program Loader data list

This area displays a list of Program Loader data located in the selected folder.

[5] Drive/Path

In this area, specify the drive/path name of the project to be selected.

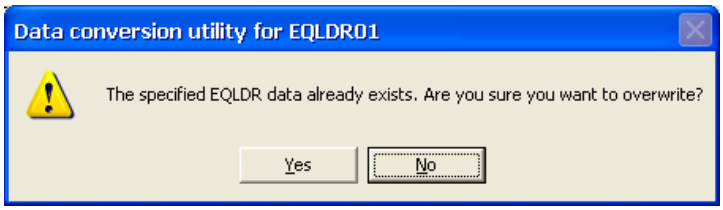
[6] < Back button

Click this button to return to the previous “Select data for conversion to Program Loader data” screen or “Set password” screen.

[7] Next > button

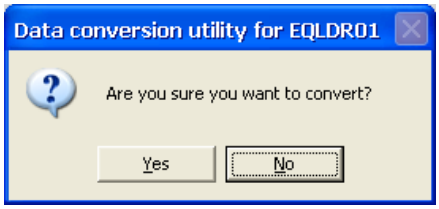
a) Click this button to save the converted Program Loader data to the specified folder.

b) When the Program Loader data has already been saved, the following message appears:



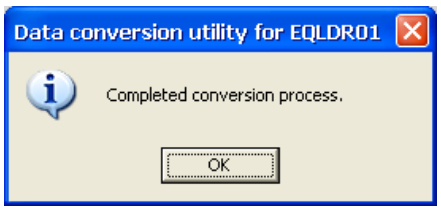
Click Yes if it is OK to replace the data.

c) A conversion confirmation message appears.



Click Yes to convert the data.

d) The following message appears when conversion is successfully completed.



Pressing the OK button returns the screen to the main screen.

Point
• Only one type of Program Loader data can be saved in a single file. If you want to convert and save multiple GX Developer projects, divide the folder where the data is to be saved. • With device comment conversion, the comment range that is set in the project is used.

[8] **Cancel button**

Click this button to continue the conversion process. A message appears. Click Yes. The screen returns to the main screen.

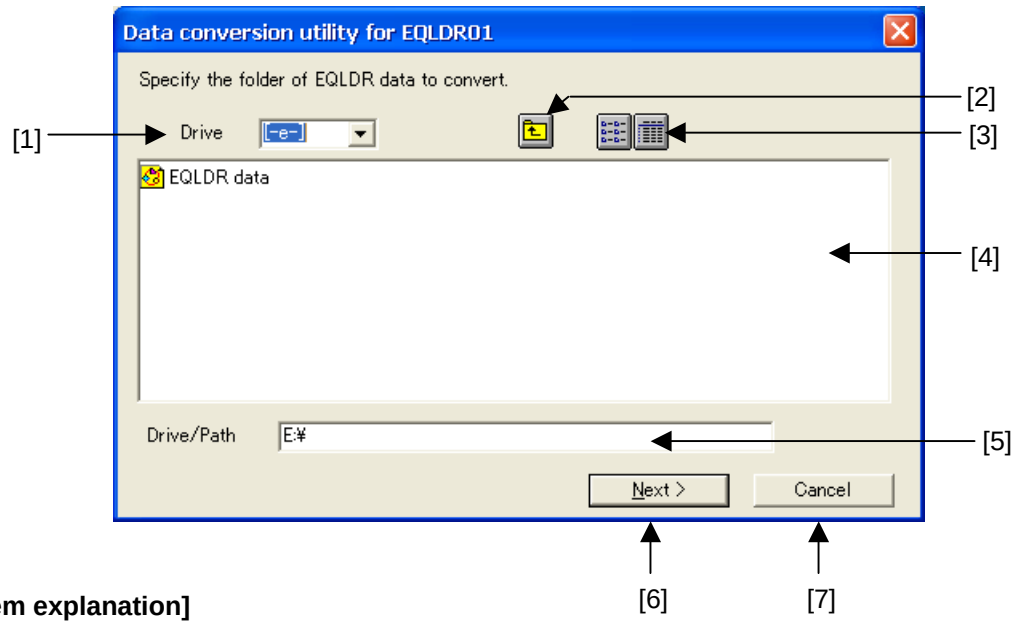
4.2.7 “Select data conversion source (Program Loader data)” screen

On the “Select data conversion source (Program Loader data)” screen, select the folder where the program loader data that is to serve as the conversion source is saved when converting Program Loader data to a GX Developer project.

[Operation procedure]

On the main screen, select the Convert EQLDR data into GX Developer project button. The screen appears.

[Setting screen]



[Item explanation]

[1] Drive

This area is used to select the drive where the Program Loader data is saved.

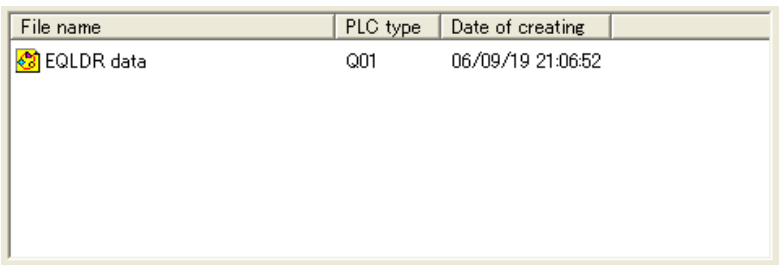
Example: Select the drive where the CF card used for Program Loader is inserted.

[2] (Upper Folder) button

This button displays the upper folder.

[3] (Switch View) button

This button switches the Program Loader data list view to simple or detailed.



(Example of detailed display)

[4] Program Loader data list

This area displays a list of the Program Loader data located in the selected folder.

Point
• Only a maximum of one set of Program Loader data is saved in a single folder. • The Program Loader data name is fixed to “Program Loader data”.

[5] Drive/Path

In this area, specify the drive/path name for the Program Loader data to be selected.

[6] Next > button

Click this button to continue conversion after selecting the folder for saving the Program Loader data to be converted to a GX Developer project. The screen advances to the “Select data for conversion to GX Developer project” screen.

[7] Cancel button

Click this button to cancel the conversion process. A message appears. Click OK. The screen returns to the main screen.

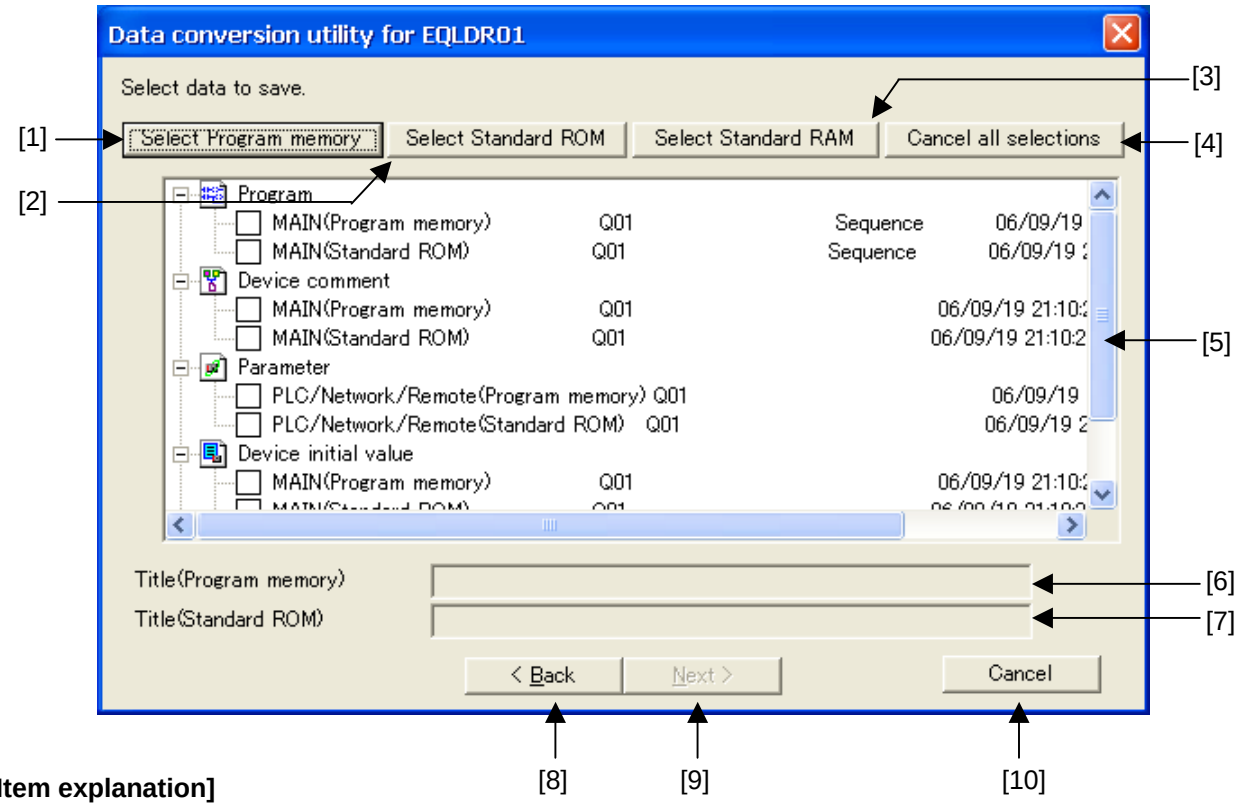
4.2.8 “Select data for conversion to GX Developer project” screen

On the “Select data for conversion to GX Developer project” screen, select the data to be converted to a GX Developer project when converting data from Program Loader data to a GX Developer project.

[Operation procedure]

On the “Select data conversion source (Program Loader data)” screen, click the Next > button after selecting the folder where the Program Loader data to be converted is saved. The screen appears.

[Setting screen]



[Item explanation]

[1] Select Program memory button

Click this button to select all data applicable to program memory.

[2] Select Standard ROM button

Click this button to select all data applicable to standard ROM.

[3] Select Standard RAM button

Click this button to select all data applicable to standard RAM.

[4] Clear all selections button

Click this button to clear all data selections.

[5] Data list

This area shows a list of convertible data. The name of the target memory in parentheses is the conversion source. Placing a checkmark in the checkbox ☑ on the left of the data (the data checkbox) selects that data for conversion to a GX Developer project.

[6] Title (Program memory)

This area shows the title of program memory. The title cannot be modified.

[7] Title (Standard ROM)

This area shows the title of standard ROM. The title cannot be modified.

[8] < Back button

Click this button to return the screen to the previous “Select conversion source (GX Developer project)” screen.

[9] Next > button

Click this screen to continue the conversion process after selecting the data to be converted. Clicking the button advances the screen to the “Specify save location of converted GX Developer project” screen.

[10] Cancel button

Click this button to cancel the conversion process. A message appears. Click OK. The screen returns to the main screen.

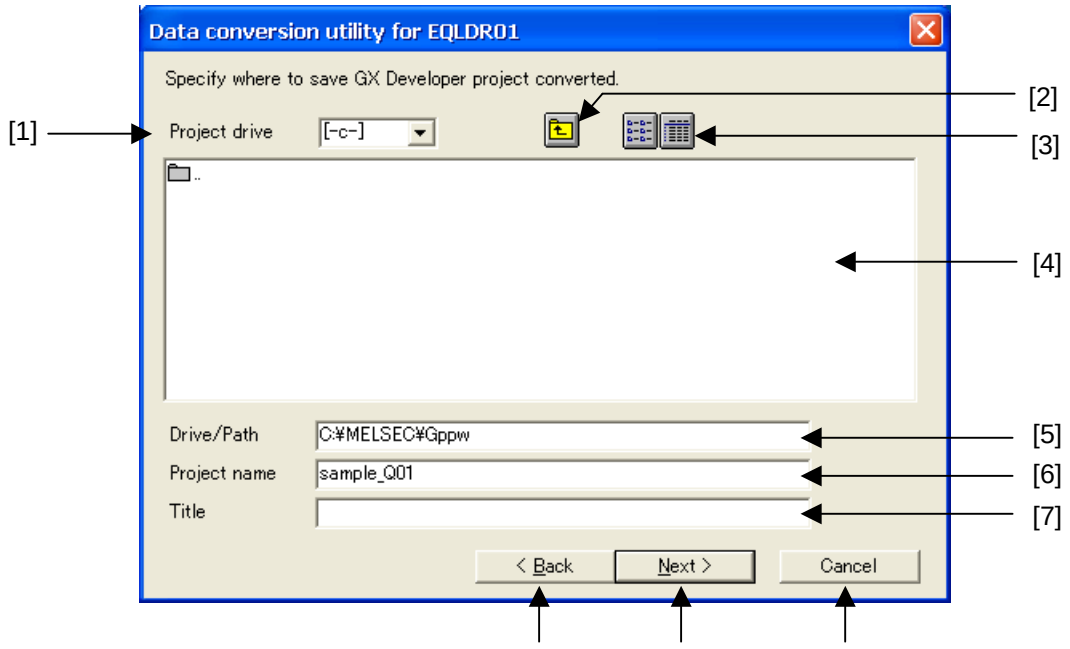
4.2.9 “Specify save location of converted GX Developer project” screen

On the “Specify save location of converted GX Developer project” screen, specify the project save location when converting Program Loader data to a GX Developer project.

[Operation procedure]

On the “Select data for conversion to GX Developer project” screen, select the data and click the Next > button. The screen appears.

[Setting screen]



[Item explanation]

[1] Project drive

In this area, select the drive for saving the GX Developer project.

[2] (Upper Folder) button

This button displays the upper folder.

[3] (Switch View) button

This button changes the view of the project list (Item [4]) to simple or detailed.

[4] Project list

This area displays a list of projects already saved in the selected folder. When detailed view is selected with the Switch View button, the CPU type, created date and title are displayed.

[5] Drive/Path

In this area, specify the drive/path name of the project to be saved.

[6] Project name

In this area, specify the name of the project to be saved.

[7] Title

In this area, specify the title of the project to be saved.

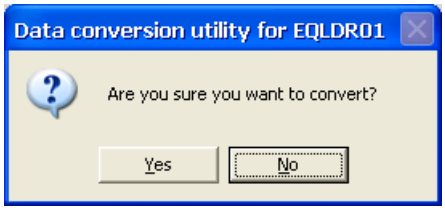
[8] < Back button

Click this button to return to the previous “Select data for conversion to GX Developer project” screen.

[9] Next > button

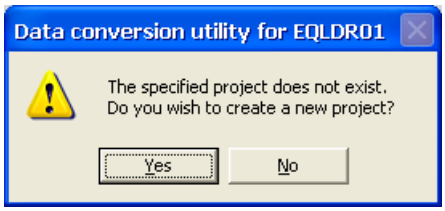
a) Click this button to save the converted GX Developer project under the specified project name.

b) A conversion confirmation message appears.



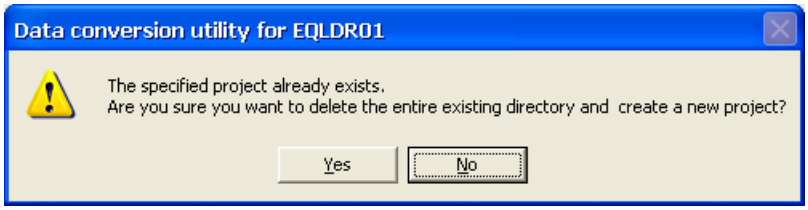
Click Yes to convert the data.

c) When the specified project does not exist, the following message appears.



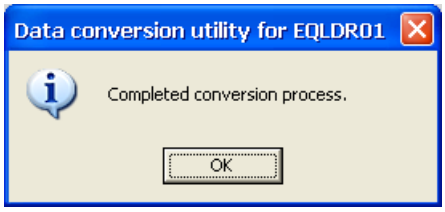
To create a new project, click Yes.

d) When the project has already been saved, the following message appears.



To replace the project, click Yes.

e) When conversion is successfully completed, the following message appears.



Click OK to return to the main screen.

[10] Cancel button

Click this button to cancel the conversion process. A message appears. Click Yes. The screen returns to the main screen.

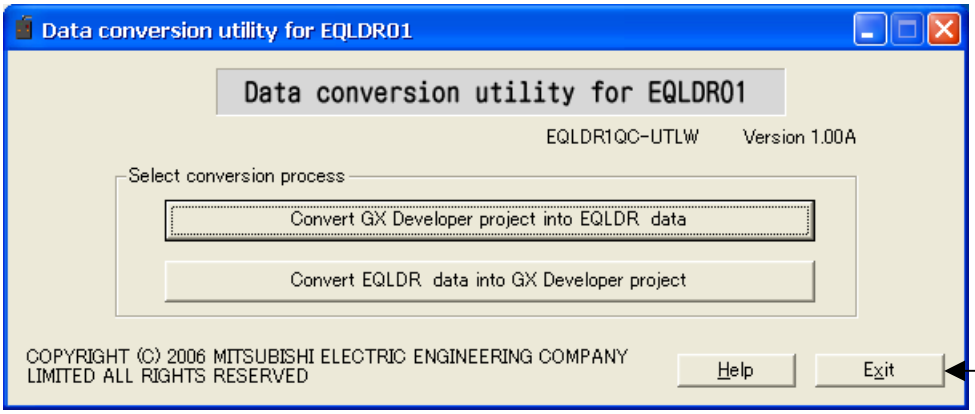
4-20

4.2.10 Exiting the utility

[Operation procedure]

When the application is started, the main screen appears. Exit the utility from the main screen.

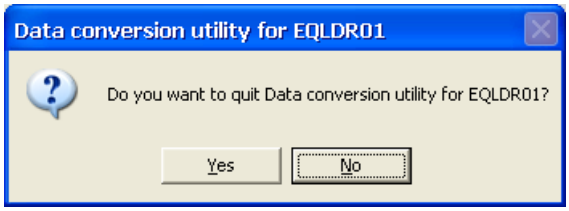
[Setting screen]



[Item explanation]

[1] Exit button

Click this button to exit the utility. The following message appears. Click Yes. The utility closes.



4-21

4.3 Help Function

The Help function allows you to display this operating manual.
To display the manual, Acrobat Reader (Version 5.0 or higher) is required.

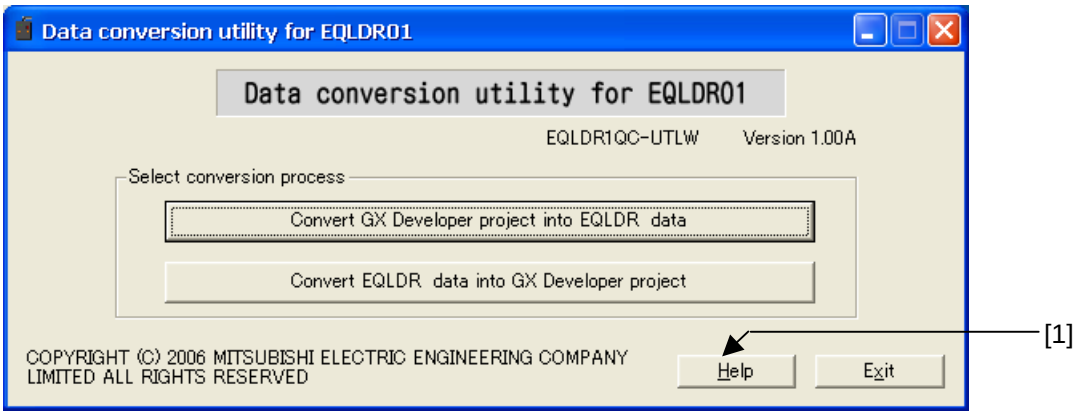
4.3.1 Displaying the user's manual from the utility

The following describes how to display the operating manual from the utility.

[Operation procedure]

When the application is started, the main screen appears. Display the operating manual from the main screen.

[Setting screen]



[Item explanation]

[1] Help button

This button displays the operating manual.

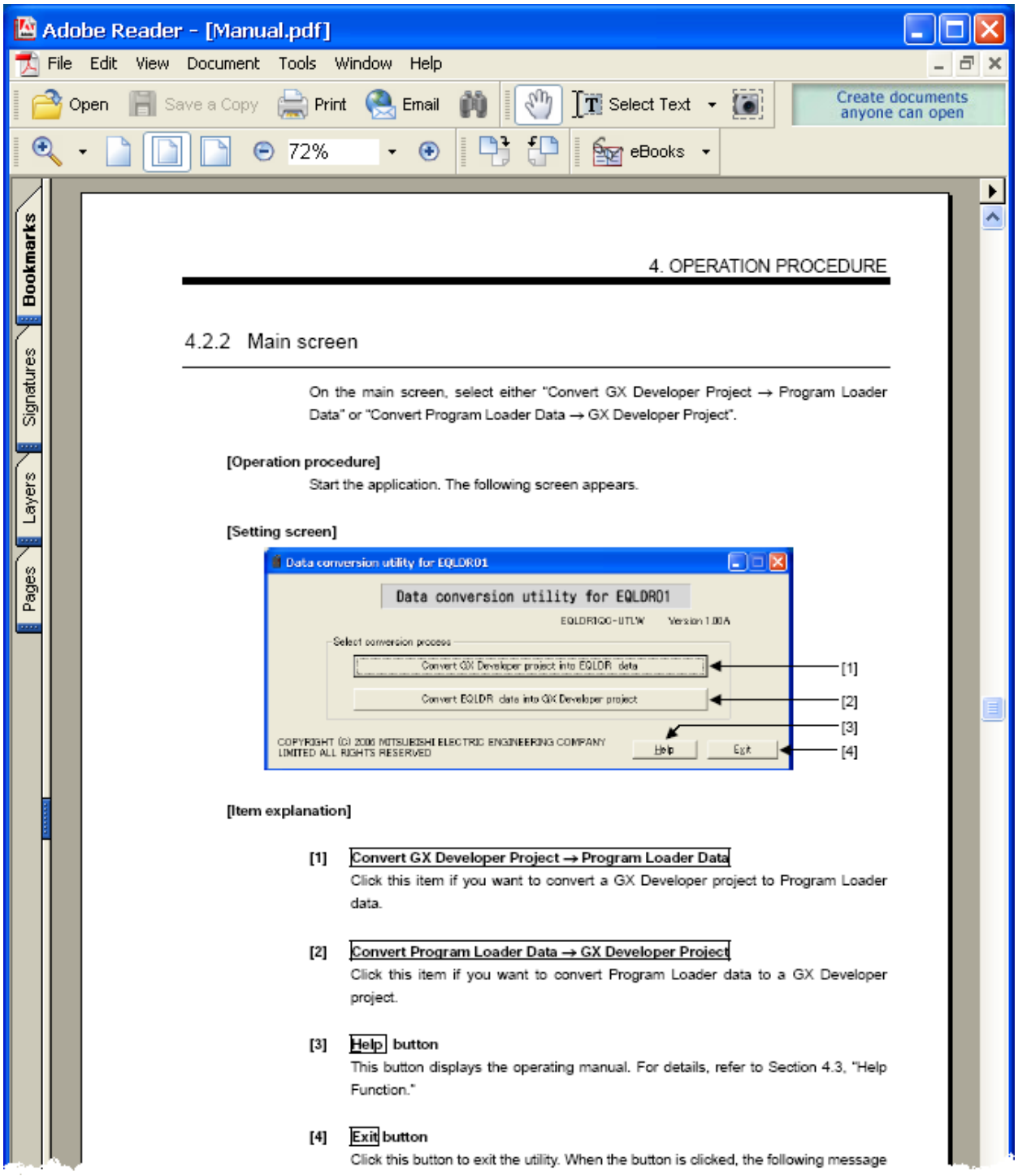
4.3.2 Displaying the user's manual from Windows

The following describes how to display the operating manual from Windows®.

[Operation procedure]

Click [Start] → [All Programs (P)] → [MEE] → [EQLDR01 Data Conversion Utility] → [EQLDR01 Data Conversion Utility Manual]. The operating manual file appears.

Example of operating manual display



4-23

Appendices

Appendix 1 Error Message List

The following describes the error messages that occur in the utility.

(1) Error messages when converting a GX Developer project to Program Loader data

Displayed message	Error Cause	Action
A program that has not been converted or complied has been specified. Execute the operation after converting or compiling the program.	A non-converted or non-compiled project exists.	Convert/Compile all programs using GX Developer.
The PLC type of the label program is not the same. The program cannot be loaded.	The PLC type of the label program differs from that of the GX Developer project.	Check if the project can be successfully loaded using GX Developer. If it cannot, the project is corrupted and must be recreated.
A directory with the same file name as Program Loader has been specified. The file cannot be saved.	A directory with the same name as the data name to be saved already exists.	Change the name of the data to be saved.
Failed to load label program file. The process will be aborted.	The label program file may be corrupted.	Check if the project can be successfully loaded using GX Developer. If it cannot, the project is corrupted and must be recreated.
Cannot convert data. Check the conversion source data.	The GX Developer project may be corrupted.	Check if the project can be successfully loaded and written to QCPU using GX Developer.
The project is of a CPU type that is not supported. This project cannot be converted.	A project other than QUTE was selected as the data conversion source when converting a GX Developer project to Program Loader data.	Select a QUTE project.
New, Open, Save as and Delete cannot be performed with the specified project. Possible cause are as follows: • A project already specified by another application is open. • A project on a write-protected FD is specified.	A GX Developer project opened by another application was selected. Or, a write-protected project was selected.	Close the GX Developer project opened by the other application. Or, change the project to write enabled.
The end number of the specified file register range is smaller than the start number.	The end number of the file register range specified on the “Select data for conversion to Program Loader data” screen was set to a value smaller than the start number.	Specify the numbers so that the end number is larger than the start number.
The file register head device number is invalid.	The start number for the file register range specification was not entered on the “Select data for conversion to Program Loader data” screen.	Enter the head number.

Displayed message	Error Cause	Action
The file register last device number is invalid.	The end number for the file register range specification was not entered on the “Select data for conversion to Program Loader data” screen.	Enter the last number.
The number of file register device points exceeds the maximum number.	The file register range specification exceeds the maximum number of points (65535) on the “Select data for conversion to Program Loader data” screen.	Set the number of file register device points to 65535 or less using GX Developer.
There is no data in the comment (COMMENT) area. Writing was not performed.	The device comment was selected but the data for the comment range to be written was blank.	Specify data that has a device comment in the comment range setting.
The converted data exceeds capacity. The process will be aborted.	Data of a size that clearly exceeded the maximum memory capacity of the target CPU was converted.	Correct the comment and program using GX Developer so that the amount of project data decreases.
Note: This project was created using the Version 6 or Version 7 label program. When a project is saved with this version and opened with an older version, the following occurs: • Opened with Version 7: The project becomes a label + FB project. • Opened with Version 6: The project becomes a no label project and the labels cannot be restored.	A label program created using GX Developer Version 6 or 7 was specified.	Using Program Loader, specify a project of a label program created using GX Developer Version 8 or later.
Failed to load project file. The project cannot be opened. Possible causes are as follows: • The data in the project file is completely corrupted. • The project file contains data created using a version that is newer than this product. • There is no project file.	The GX Developer project could not be loaded when converting the GX Developer project to Program Loader.	Check if the project can be successfully loaded using GX Developer. If it cannot, the project is corrupted. Recreate the project.
Failed to get project data from project file. The data in the project file is completely corrupted. The project cannot be opened.	The GX Developer project could not be successfully loaded when converting the GX Developer project to Program Loader.	Check if the project can be successfully loaded using GX Developer. If it cannot, the project is corrupted. Recreate the project.
The specified file does not exist. Specify an existing project path/name.	When the project name was entered using the keyboard, a non-existing project name was specified.	First specify and then execute an existing project path/name.
The entered password is incorrect. Enter the correct password.	A password of four characters was not entered.	Specify the password using a combination of four characters, which may include numbers, upper-case letters and lower-case letters.

(2) Error messages when converting Program Loader data to a GX Developer project

Displayed message	Error Cause	Action
The Program Loader data is corrupted.	The Program Loader data may be corrupted.	Using Program Loader, load the data once again from the PLC and convert the data once again.
Failed to write label program file. The process will be aborted.	The label program file may be corrupted.	Try restarting the PC and executing the operation once again or reinstalling and re-executing the program.
Failed to create new project.	A GX Developer project cannot be created due to insufficient memory, etc.	Close any other programs that are running and execute the operation once again. Or, reinstall and re-execute the program.
Failed to save project.	The GX Developer project cannot be successfully saved due to insufficient HD space, etc.	Either increase the amount of HDD space or select a drive with more space and execute the operation once again.
The project cannot be saved to the specified drive. Possible causes are as follows: An error occurred during saving. • There is not enough memory to save the project. • The medium on the specified drive is corrupted.	The drive of the save destination may be corrupted or the amount of available memory is insufficient.	Check the drive to be used for saving, close any other programs running and execute the operation once again.
The project name or data name is a reserved device name. Select a different name.	A reserved device name (COM1 to COM9, LPT1 to LPT9, AUX, CON, PRN, NUL, CLOCK$) was specified as the project name.	Specify a name other than the reserved device name.
The project path contains a prohibited character. The characters /,:,,,;,*,?,"",<,>,| cannot be used in the project path.	A /,:,,,;,*,?,"",<,>,| character was used in the project path name.	Specify a project path name that does not include prohibited characters.
A directory name comprised only of spaces is specified as the directory. A directory of spaces only cannot be created.	A directory consisting of spaces only was specified.	Specify a directory name other than spaces.
The directory specified contains a series of ¥ characters. Do not specify the character ¥ in series.	A series of ¥ characters was specified for the directory.	Specify a directory without using a series of ¥ characters.
A period cannot be placed at the end of the project name.	A period was entered at the end of the project name.	Use a character other than a period at the end of the project name.
The project name contains a prohibited character. The characters /,:,,,;,*,?,"",<,>,| cannot be used in the project name. A project name consisting of spaces only will also result in an error.	A /,:,,,;,*,?,"",<,>,| character was used in the project name.	Specify a project name that does not include prohibited characters.
The number of characters that can be used has been exceeded. Set the item using 150 characters or less.	The number of characters in the conversion destination GX Developer project name + path exceeds 150.	Specify the conversion destination GX Developer project name and path name using 150 characters or less.

(3) Other error messages

Displayed message	Error Cause	Action
OLE initialization failed. Check if the OLE library is the correct version.	An invalid version of OLE System DLL may be installed.	Reinstall the utility and then execute the operation once again.
The number of selectable data items has been exceeded. The maximum number of selectable data items in XXXX is n.	The number of data items selected exceeds the number selectable when multiple device memories or multiple file registers exist.	Specify data items in an amount within the maximum range.
Cannot access the specified drive. Possible causes are as follows: • The drive is not ready. • The amount of free space on the drive is insufficient.	The amount of free space on the HDD used is insufficient for conversion using Program Loader.	Delete unnecessary files to free up HDD space, and execute the operation once again.
Failed to read CPU definition file. The registry information may be corrupted or the CPU definition file may not exist. Install the file once again.	The CPU definition file (CPUTYPE.DAT) is corrupted.	Reinstall and execute the operation once again.
Insufficient memory. Close any other applications that are currently running.	The amount of free memory space may be insufficient.	Close any other programs that are currently running, and execute the operation once again.
Failed to generate project.	The amount of free memory space may be insufficient.	Close any other programs that are currently running, and execute the operation once again.
Failed to initialize project. The project cannot be opened.	The amount of free memory space may be insufficient.	Close any other programs that are currently running, and execute the operation once again.
Insufficient memory. The EQLDR01 data conversion utility cannot be started. Close all other applications and start the EQLDR01 data conversion utility once again.	The amount of free memory space may be insufficient.	Close any other programs that are currently running, and execute the operation once again.
The specified drive cannot be used. Check if a disk is inserted.	A disk is not inserted in the specified drive.	Insert the disk in the drive and execute the operation once again.
Selection is not possible. Specify a drive/path using 150 characters or less.	The number of drive/path characters exceeds 150.	Specify the drive/path using 150 characters or less.
Cannot start Acrobat Reader. Acrobat Reader may not be installed. Install Acrobat Reader.	Either Acrobat Reader is not installed or the Manual.pdf file cannot be found.	If Acrobat Reader is not installed, install Acrobat Reader. If the Manual.pdf file is non-existent, reinstall the utility.

Product Warranty Details

Please confirm the following product warranty details prior to product use.

Gratis Warranty Terms and Gratis Warranty Range

If any fault or defect (hereinafter referred to as “Failure”) attributable to Mitsubishi Electric Engineering Company Limited (hereinafter referred to as “MEE”) should occur within the gratis warranty period, MEE shall repair the product free of charge via the distributor from whom you made your purchase.

■ Gratis Warranty Period

The gratis warranty period of this product shall be one (1) year from the date of purchase or delivery to the designated place.
Note that after manufacture and shipment from MEE, the maximum distribution period shall be six (6) months, and the gratis warranty period after manufacturing shall be limited to eighteen (18) months.
In addition, the gratis warranty period for repaired products shall not exceed the gratis warranty period established prior to repair.

■ Gratis Warranty Range

The gratis warranty range shall be limited to normal use based on the usage conditions, methods and environment, etc., defined by the terms and precautions, etc., given in the instruction manual, user’s manual and caution labels on the product.

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(1) MEE shall offer product repair services (fee applied) for seven (7) years after production of the product has been discontinued. Discontinuation of production shall be reported via distributors.
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