

License Manager V2.09.00

User's Manual

Target Device

78K0 Microcontroller

RL78 Family

78K0R Microcontroller

V850 Family

RX Family

RH850 Family

RA Family

R-Car Family

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How to Use This Manual

This manual describes the role of the license for developing applications and systems for 78K0 microcontrollers, RL78 family, 78K0R microcontrollers, V850 family, RX family, RH850 family, RA family, and R-Car family, and provides an outline of its features.

Readers	This manual is intended for users who are using development environments from Renesas in the design of application systems.	
Purpose	This manual is intended to help users understand the license management functions and for use as a reference in developing software in development environments from Renesas.	
Organization	This manual can be broadly divided into the following units. 1.GENERAL 2.FUNCTIONS 3.MESSAGES	
How to Read This Manual	It is assumed that the readers of this manual have general knowledge of electricity, logic circuits, and microcontrollers.	
Conventions	Data significance:	<u>H</u> igher digits on the left and lower digits on the right
	Active low representation:	XXX (overscore over pin or signal name)
	Note:	Footnote for item marked with Note in the text
	Caution:	Information requiring particular attention
	Remarks:	Supplementary information
	Numeric representation:	Decimal ... XXXX Hexadecimal ... 0XXXXX

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1. GENERAL

This manual describes how to manage the license for the development environments in developing applications and systems for microcontrollers.

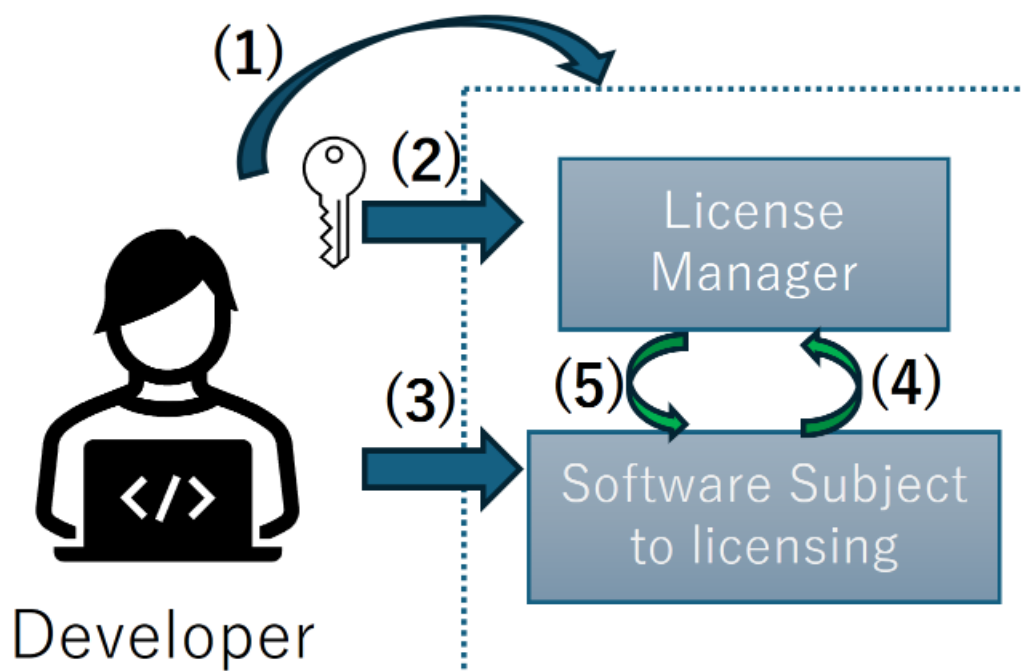
It also describes how to manage floating licenses on the client side. For managing floating licenses on the server side, refer to the "Floating License Server User's Manual".

1.1 Introduction

The license manager provides facilities for managing node-locked licenses and floating licenses which are used with the development environments from Renesas Electronics.

A node-locked license is a form of license where the license manager on a client manages the software license. If a license key is registered, functionality corresponding to the license is available; e.g. the manager eliminates restrictions on the amount of code from the compiler for which linkage is possible on that client.

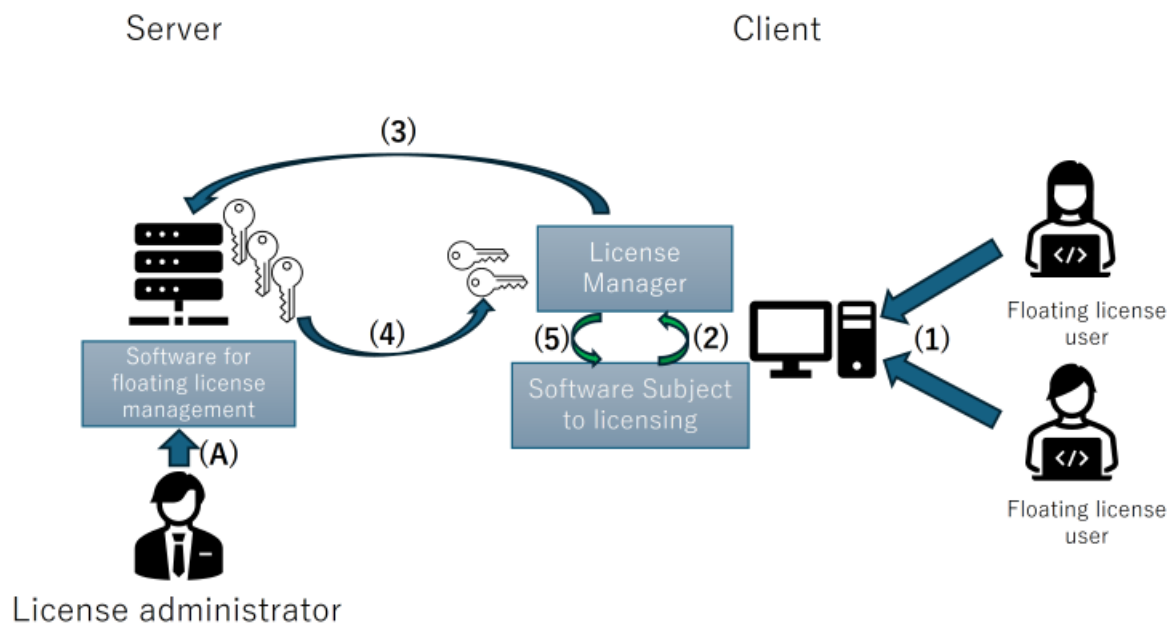
Figure 1.1 System Structure for Node-Locked Licenses



- (1) Install a development tool.
- (2) Register a license key.
- (3) Launch the development tool.
- (4) Confirm the license.
- (5) A license is available or not available.

Floating licensing is a licensing approach in which a limited number of licenses for software used by multiple users are managed by a single computer (server) and the users of any computers (clients) connected to the network can use the software within the limit of the number of licenses. With a floating license, each user can acquire a license.

Figure 1.2 System Structure for Floating Licenses

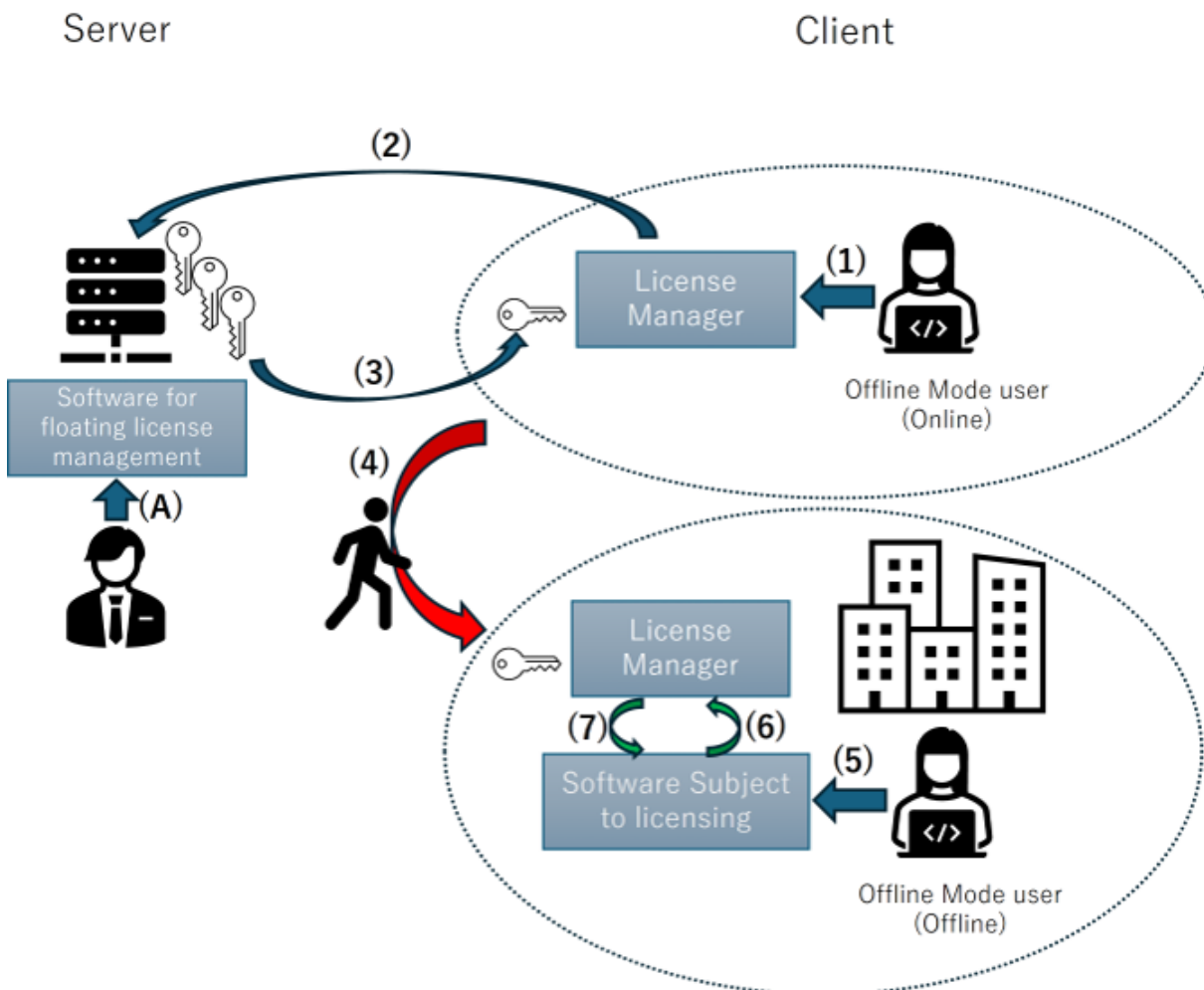


- (A) A license key is added.
- (1) Launch the development tool covered by the license.
- (2) Confirm the license.
- (3) Request for the floating license.
- (4) The floating license is granted.
- (5) A license is available.

A floating license cannot be used unless the computer is connected to the server. Offline mode is a mechanism that occupies the license for a certain period in order to use the license in a state disconnected from the network environment.

A floating license cannot be used unless the computer is connected to the server. Offline mode is a mechanism that occupies the license for a certain period in order to use the license in a state after disconnection from the network environment.

Figure 1.3 System Structure for Floating Licenses (Offline Mode)



- (A) A license key is added.
- (1) The floating license (offline mode) is acquired.
- (2) Request for the floating license (offline mode).
- (3) The floating license (offline mode) is granted.
- (4) Take out the license.
- (5) Launch the tool.
- (6) Request for the license.
- (7) Confirm the license.

Both node-locked and floating licenses are available as permanent licenses which place no limit on the period of validity, and as annual licenses which are valid for one year. Once the period of an annual license has expired, the development tool covered by the license cannot be used.

1.2 Operating Environment

A floating license operates in the following environment.

- Hardware
 - Processor and main memory that provide a comfortable user experience of the software in a software environment as described below
 - Display: Resolution at least 1024 × 768 (1920 × 1080 recommended)
- Software
 - OS
 - Windows 10
 - Windows 11
 - Runtime library
 - .NET Framework 4.8
 - Software for floating license management
 - Software for floating license management V2.08.00 (for Windows) or later
 - Software for floating license management V2.08.00 (for Linux) or later
- Development environment
 - CA850
 - CX
 - CA78K0
 - CA78K0R
 - CC-RL
 - CC-RX
 - CC-RH
 - Cycle-accurate simulator for RH850/C1x
 - Cycle-accurate simulator for RH850/P1x
 - Cycle-accurate simulator for RH850/F1x
 - Cycle-accurate simulator for RH850/E2x
 - Cycle-accurate simulator for RH850/U2x
 - Embedded Target for RX
 - Embedded Target for RL78
 - Embedded Target for RA
 - Embedded Target for RH850
 - Embedded Target for RH850 Multicore
 - Embedded Target for RH850 Multicore + Multirate
 - Virtual HILS for RH850/F1x
 - Virtual HILS for RH850/U2x
 - Virtual HILS for R-Car S4x
 - Virtual HILS for R-Car V4x
 - Virtual HILS for R-Car U5x
- License
 - Compiler V1 for RL78,78K (CA78K0R,CA78K0)
Node-Locked License (permanent)
 - Compiler V1 for V850 (CA850,CX)

- Node-Locked License (permanent)
- Compiler V1 for RL78 (CC-RL)
 - Standard edition Node-Locked License (permanent)
 - Standard edition Node-Locked License (annual)
 - Standard edition Floating License (permanent)
 - Standard edition Floating License (annual)
 - Professional edition Node-Locked License (permanent)
 - Professional edition Node-Locked License (annual)
 - Professional edition Floating License (permanent)
 - Professional edition Floating License (annual)
 - Upgrade (edition) Professional edition Node-Locked License (permanent)
- Compiler V1 for RX (CC-RX)
 - Node-Locked License (permanent)
- Compiler V2 for RX (CC-RX)
 - Standard edition Node-Locked License (permanent)
 - Standard edition Node-Locked License (annual)
 - Standard edition Floating License (permanent)
 - Standard edition Floating License (annual)
 - Professional edition Node-Locked License (permanent)
 - Professional edition Node-Locked License (annual)
 - Professional edition Floating License (permanent)
 - Professional edition Floating License (annual)
 - Upgrade (edition) Professional edition Node-Locked License (permanent)
- Compiler V3 for RX (CC-RX) or later
 - Standard edition Node-Locked License (permanent)
 - Standard edition Node-Locked License (annual)
 - Standard edition Floating License (permanent)
 - Standard edition Floating License (annual)
 - Professional edition Node-Locked License (permanent)
 - Professional edition Node-Locked License (annual)
 - Professional edition Floating License (permanent)
 - Professional edition Floating License (annual)
 - Upgrade (edition) Professional edition Node-Locked License (permanent)
 - Upgrade (version) Standard edition Node-Locked License (permanent)
 - Upgrade (version) Professional edition Node-Locked License (permanent)
 - Upgrade (version) Standard edition Floating License (permanent)
 - Upgrade (version) Professional edition Floating License (permanent)
- Compiler V1 for RH850 (CC-RH)
 - Standard edition Node-Locked License (permanent)
 - Standard edition Node-Locked License (annual)
 - Standard edition Floating License (permanent)
 - Standard edition Floating License (annual)
 - Professional edition Node-Locked License (permanent)
 - Professional edition Node-Locked License (annual)
 - Professional edition Floating License (permanent)
 - Professional edition Floating License (annual)
 - Upgrade (edition) Professional edition Node-Locked License (permanent)
- Compiler V2 for RH850 (CC-RH) or later
 - Standard edition Node-Locked License (permanent)
 - Standard edition Node-Locked License (annual)
 - Standard edition Floating License (permanent)
 - Standard edition Floating License (annual)
 - Professional edition Node-Locked License (permanent)
 - Professional edition Node-Locked License (annual)
 - Professional edition Floating License (permanent)
 - Professional edition Floating License (annual)
 - Upgrade (edition) Professional edition Node-Locked License (permanent)
 - Upgrade (version) Standard edition Node-Locked License (permanent)
 - Upgrade (version) Professional edition Node-Locked License (permanent)
 - Upgrade (version) Standard edition Floating License (permanent)

Upgrade (version) Professional edition Floating License (permanent)

- Cycle-accurate simulator for RH850/C1x
Node-Locked License (annual)
- Cycle-accurate simulator for RH850/P1x
Node-Locked License (annual)
- Cycle-accurate simulator for RH850/F1x
Node-Locked License (annual)
- Cycle-accurate simulator for RH850/E2x
Node-Locked License (annual)
- Cycle-accurate simulator for RH850/U2x
Node-Locked License (annual)
- Embedded Target for RX
Node-Locked License (annual)
- Embedded Target for RL78
Node-Locked License (annual)
- Embedded Target for RA
Node-Locked License (annual)
- Embedded Target for RH850
Node-Locked License (annual)
- Embedded Target for RH850 Multicore
Node-Locked License (annual)
- Embedded Target for RH850 Multicore + Multirate
Node-Locked License (annual)
- Virtual HILS for RH850/F1x
Node-Locked License (annual)
- Virtual HILS for RH850/U2x
Node-Locked License (annual)
- Virtual HILS for R-Car S4x
Node-Locked License (annual)
- Virtual HILS for R-Car V4x
Node-Locked License (annual)
- Virtual HILS for R-Car U5x
Node-Locked License (annual)

Registering the Upgrade (edition) Professional edition Node-Locked License (permanent) and the Standard edition Node-Locked License (permanent) for a given compiler with the license manager allows you to use the corresponding Professional edition Node-Locked License (permanent).

Caution The Upgrade (edition) Professional edition Node-Locked License (permanent) does not work in combination with the Standard edition floating license or Standard edition Node-Locked License (annual).

Registering an Upgrade (version) Node-Locked License (permanent) and a Node-Locked License (permanent) as the source of the upgrade with the license manager allows you to use the functions enabled by a Node-Locked License (permanent) at the destination of the upgrade.

Upgrade (version) Node-Locked License (permanent)	Node-Locked License (permanent) that is the source of the upgrade	Node-Locked License (permanent) that is the destination of the upgrade
Compiler Upgrade (version) Standard V3 for RX (CC-RX)	Compiler Standard V2 for RX (CC-RX)	Compiler Standard V3 for RX (CC-RX)
	Compiler Professional V2 for RX (CC-RX)	

Upgrade (version) Node-Locked License (permanent)	Node-Locked License (permanent) that is the source of the upgrade	Node-Locked License (permanent) that is the destination of the upgrade
Compiler Upgrade (version) Professional V3 for RX (CC-RX)	Compiler Professional V2 for RX (CC-RX)	Compiler Professional V3 for RX (CC-RX)
	Compiler Standard V2 for RX(CC-RX) and Compiler Upgrade(edition) Professional V2 for RX (CC-RX)	
Compiler Upgrade (version) Standard V2 for RH850 (CC-RH)	Compiler Standard V1 for RH850 (CC-RH)	Compiler Standard V2 for RH850 (CC-RH)
	Compiler Professional V1 for RH850 (CC-RH)	
Compiler Upgrade (version) Professional V2 for RH850 (CC-RH)	Compiler Professional V1 for RH850 (CC-RH)	Compiler Professional V1 for RH850 (CC-RH)
	Compiler Standard V1 for RH850 (CC-RH) and Compiler Upgrade (edition) Professional V1 for RH850 (CC-RH)	

Example When “Compiler Upgrade (version) Standard V2 for RH850 (CC-RH)” and “Compiler Professional V1 for RH850 (CC-RH)” are registered with the license manager, the state is the same as that after the following licenses have been registered.

- Compiler Professional V1 for RH850 (CC-RH)
- Compiler Standard V2 for RH850 (CC-RH)

Caution An Upgrade (version) node-locked license (permanent) cannot be used in combination with a floating license or a node-locked license (permanent).

2. FUNCTIONS

This chapter describes functions of a license manager.

2.1 Installing a License Manager

Install the license manager which is included in the installer for the CS+ IDE, or with a package for a stand-alone language tool.

Run the CS+ integrated installer (file name: CSPlus_CC_Package_VXXXXX.EXE or CSPlus_CACX_Package_VXXXXX.EXE) or the stand-alone installer for the license manager (file name: RenesasLicenseManager_VXXXXX.exe).

Caution The license manager must be installed by an account with administrator privileges.

2.2 Uninstalling a License Manager

You can uninstall a license manager by selecting [Renesas MCU Tools License Manager] from [Apps & features] or [Installed apps] in [Settings] of Windows.

Caution The license manager must be uninstalled by an account with administrator privileges.

2.3 Launching a License Manager

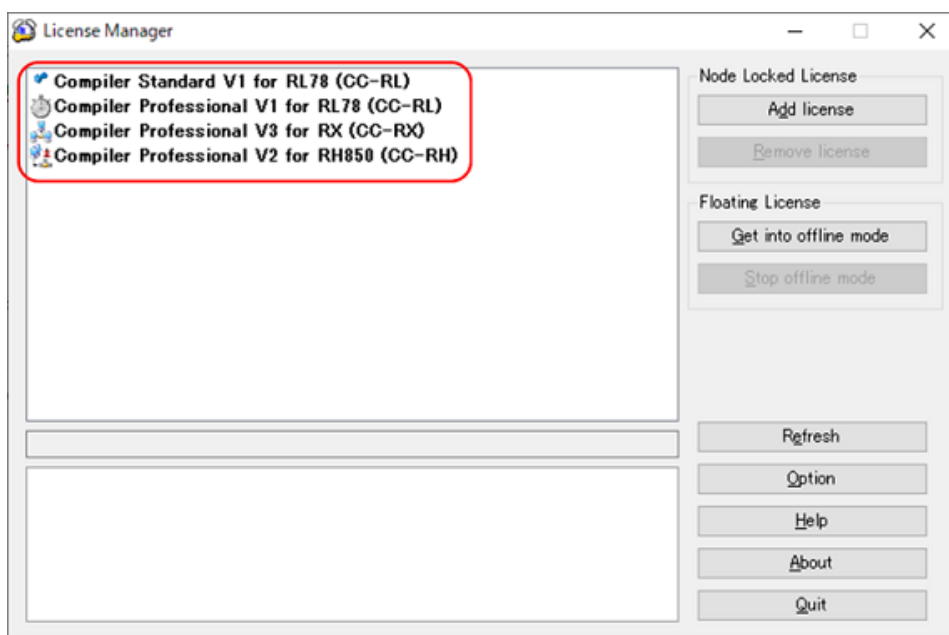
The License Manager window is started as follows.

- From the select Windows [Start] menu >> [All apps] >> [Renesas Electronics Utilities] >> [Renesas License Manager].

2.4 Confirming the States of the Licenses

When the License Manager window opens, it displays a list of valid registered licenses in the licenses area.

Figure 2.1 License Manager Window

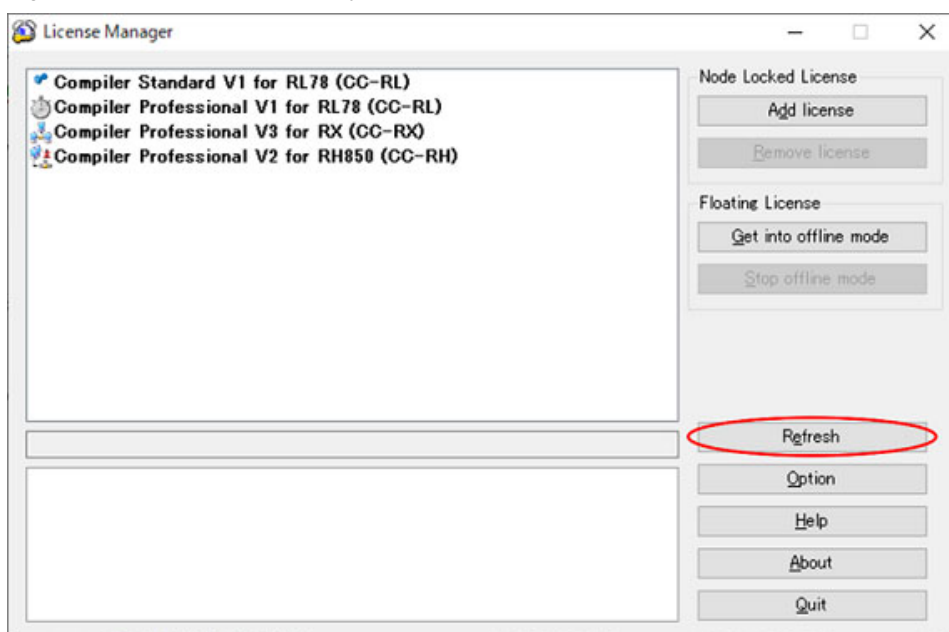


The license name is displayed in bold type, and the state of using the license is indicated by an icon to the left of the license name.

	In use as a node-locked license (permanent).
	In use as a node-locked license (annual).
	In use as a node-locked license (annual) (the expiration date is approaching).
	This node-locked license (annual) is no longer available because it is out of date.
	In use as a floating license.
	In use as a floating license (offline mode).

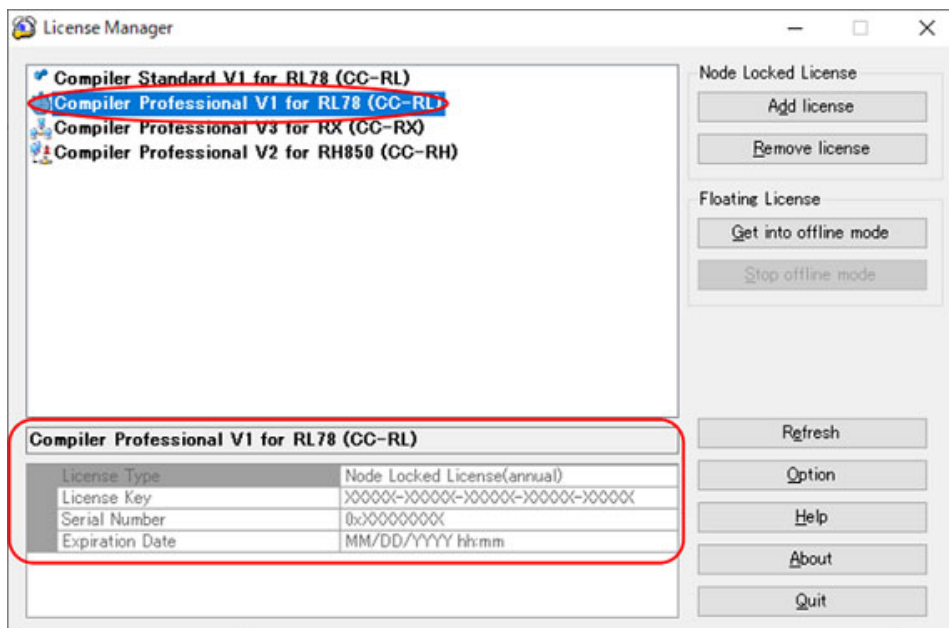
If the displayed contents of the GUI are old, click the [Refresh] button to update the displayed information.

Figure 2.2 Refresh the Displayed Information



Clicking on the license name displays the state of the license at the bottom of the window.

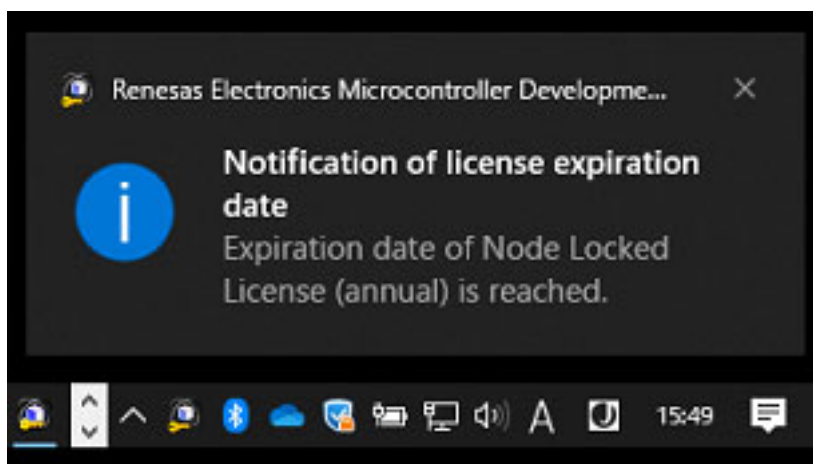
Figure 2.3 Detailed Information on the State of a License



2.5 Confirming Information on the Expiration of Annual Licenses

The user is informed of the approaching expiration of an annual license by the display of the  icon and  balloon help.

Figure 2.4 [Expiration of an Annual License] Information Icon



Clicking on the  icon or  balloon help shows information on the expiry of the given license

The user is informed of the approaching expiry of an annual licenses at the following times: one month, two weeks, and one day before expiration.

However, if the date of expiration is within a shorter one among the above periods before the previous period has been indicated, the earlier notification is skipped. For example, if two weeks remain until expiration but the notification of one month until expiration has not been given, the latter notification is skipped and two weeks until expiration is indicated. If an annual license becomes out of date before the notification of one day before expiration has been displayed, the notification is that the license is already out of date.

2.6 Adding a Node-locked License

In the License Manager window, click on the [Add license] button, and enter a license key in the [Add following License keys] text box, then click on the [Add] button to add the license.

Figure 2.5 License Manger Window

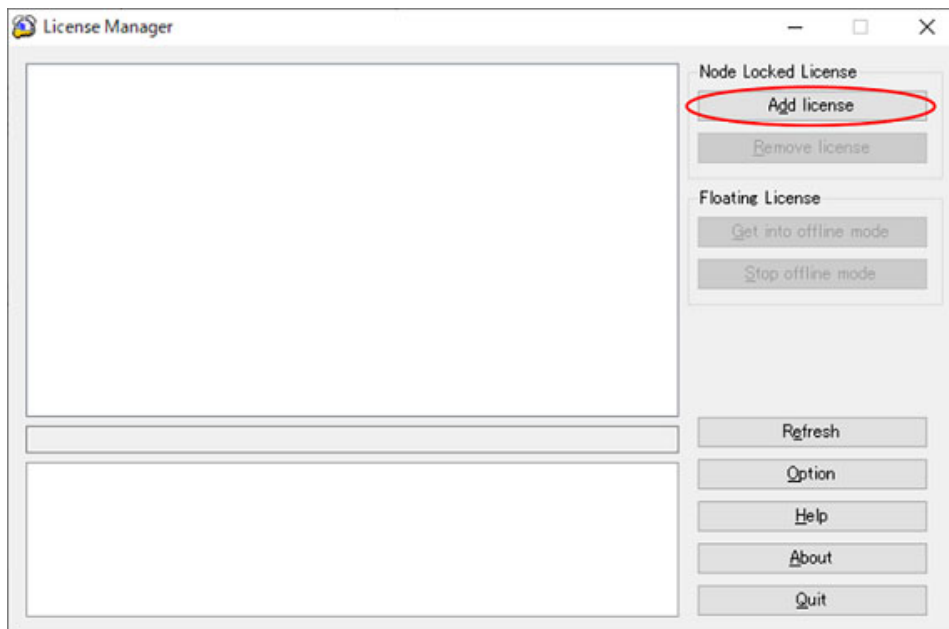
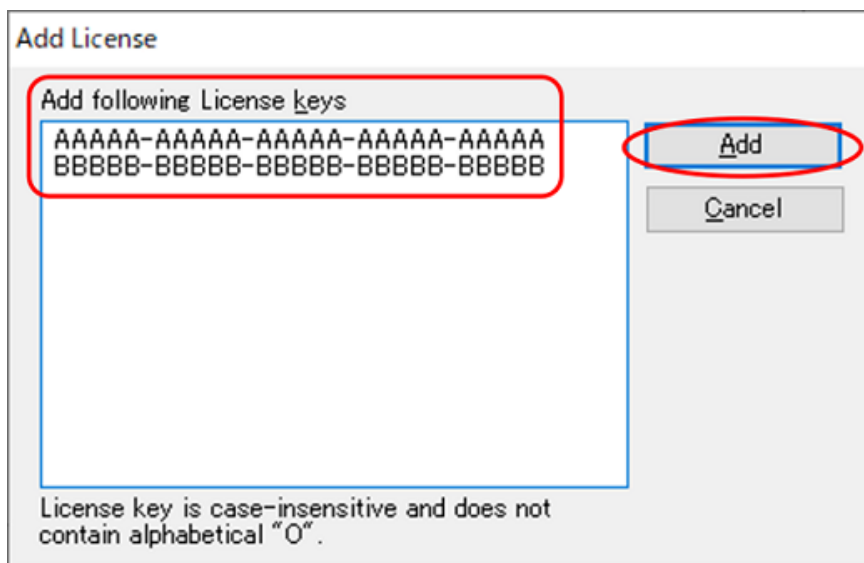


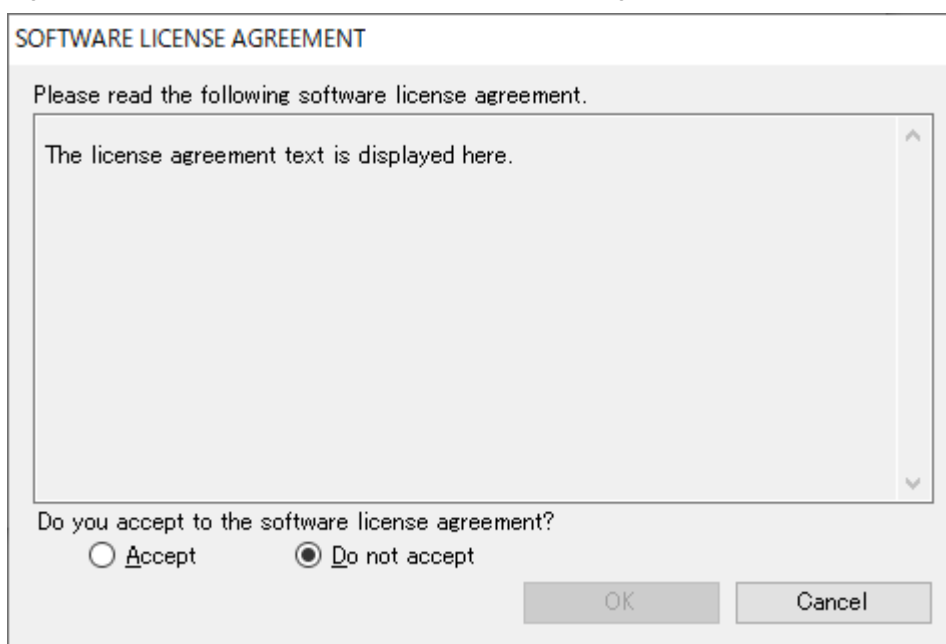
Figure 2.6 Add Node Locked License Dialog Box



Caution To register an Upgrade (version) node-locked license (permanent), a node-locked license (permanent) must have been registered as the source of the upgrade. Start by adding the node-locked license (permanent) to the license manager or add the Upgrade (version) license and node-locked license (permanent) at the same time.

The [SOFTWARE LICENSE AGREEMENT] dialog box appears if you need to agree to the license agreement for the addition of a node-locked license.

Figure 2.7 SOFTWARE LICENSE AGREEMENT Dialog Box

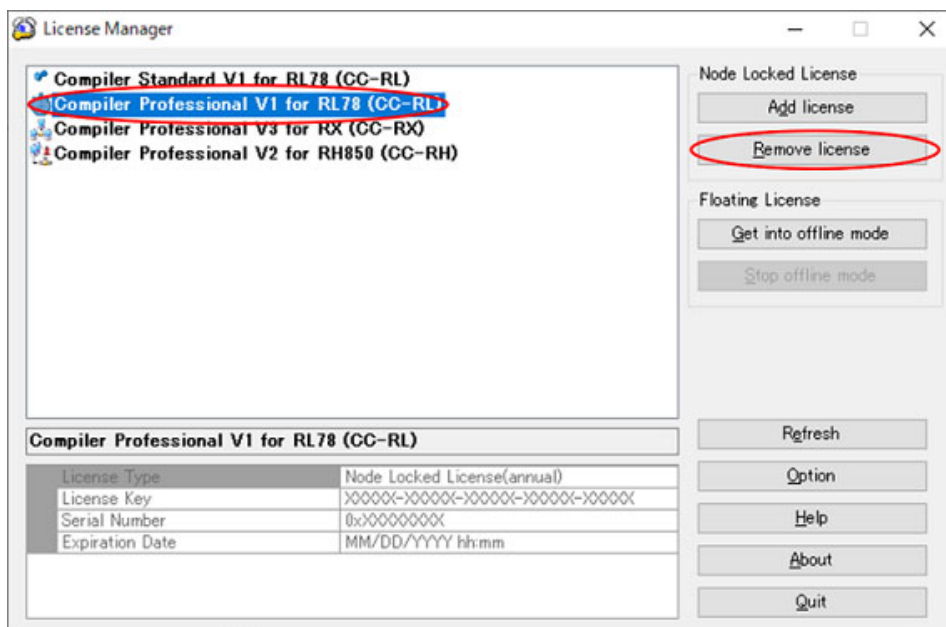


Select [Accept] and click on the [OK] button. The node locked license you have added is now available.

2.7 Deleting a Node-locked License

In the License Manager window, select the license you wish to delete from the licenses area, then click on the [Remove License] button to delete the license.

Figure 2.8 License Manger Window



Caution While an Upgrade (version) node-locked license (permanent) is registered, the node-locked license (permanent) that is the source of the upgrade cannot be deleted. Start by deleting the Upgrade (version) node-locked license (permanent).

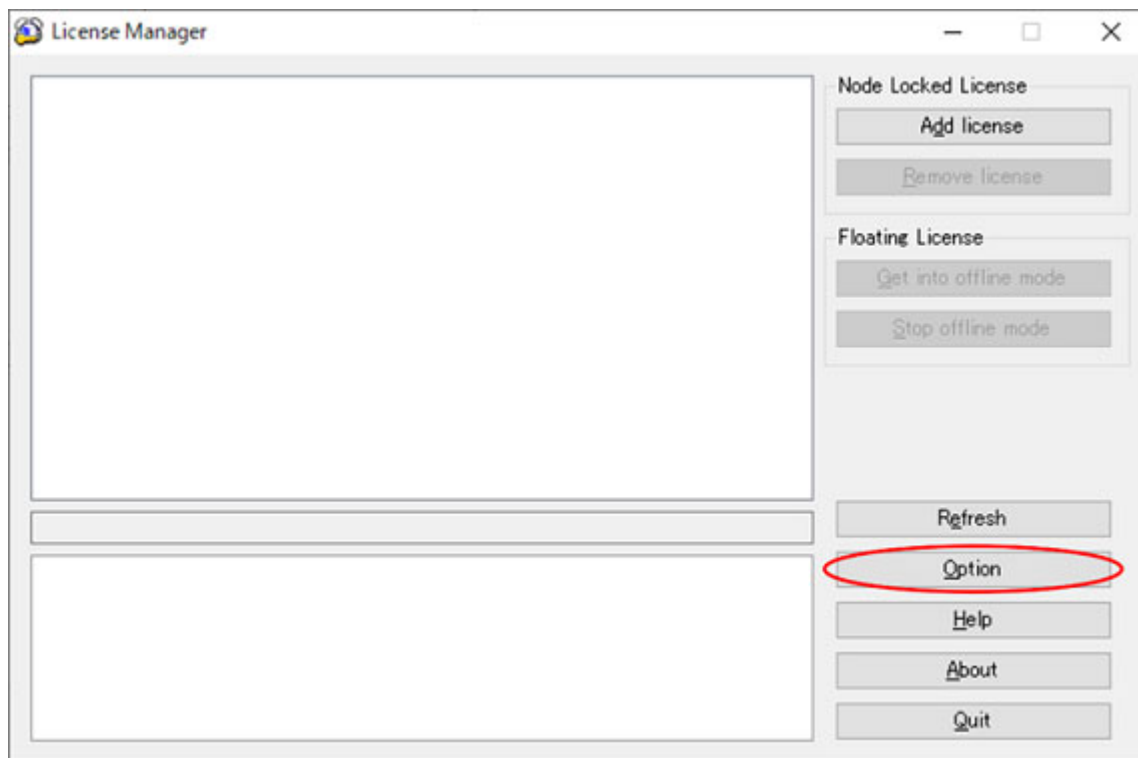
2.8 Setting up the Floating License

The following initial settings are required to use a floating license.

Caution Set up the client after the server settings were finished.

- (1) Open the License Manager Option dialog box
In the License Manager window, click on the [Option] button.

Figure 2.9 License Manger Window

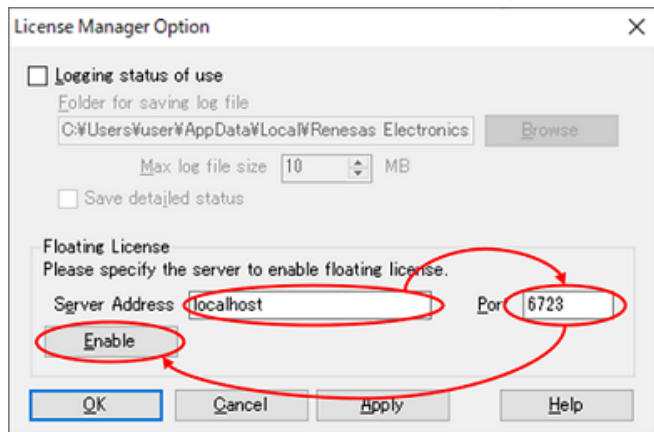


The License Manager Option dialog box will open.

- (2) Connect the license server
Enter the IP address (example: 192.168.0.1) or host name (example: license.example.com) of the license server into [Server Address] and the port number specified by the license server administrator into [Port]. If you do not know, please contact the license server administrator.

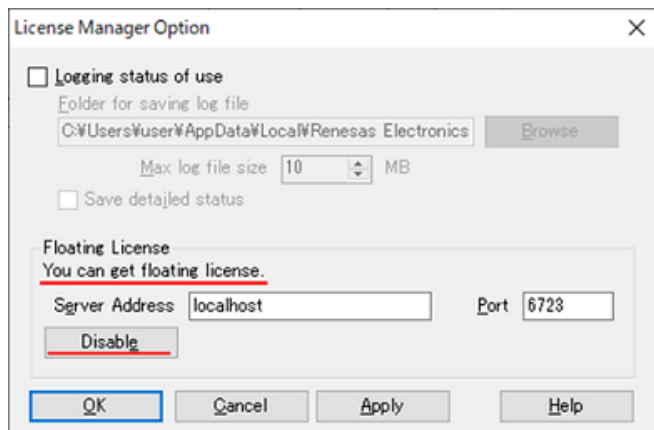
Click on the [Enable] button.

Figure 2.10 License Manager Option Dialog Box (Disabled)



When connection to the license server is successful, the display changes to that shown on the below.

Figure 2.11 License Manager Option Dialog Box (Enabled)



Click on the [OK] button to close the dialog box.

2.9 Acquiring a Floating License

You do not need to take a particular action to acquire a floating license.

Starting the software subject to licensing automatically acquires a floating license. The term of validity is 30 minutes from the time that the license is acquired.

The license will be returned automatically when the term of validity expires. If the license will be required, the software subject to licensing automatically acquires a floating license again.

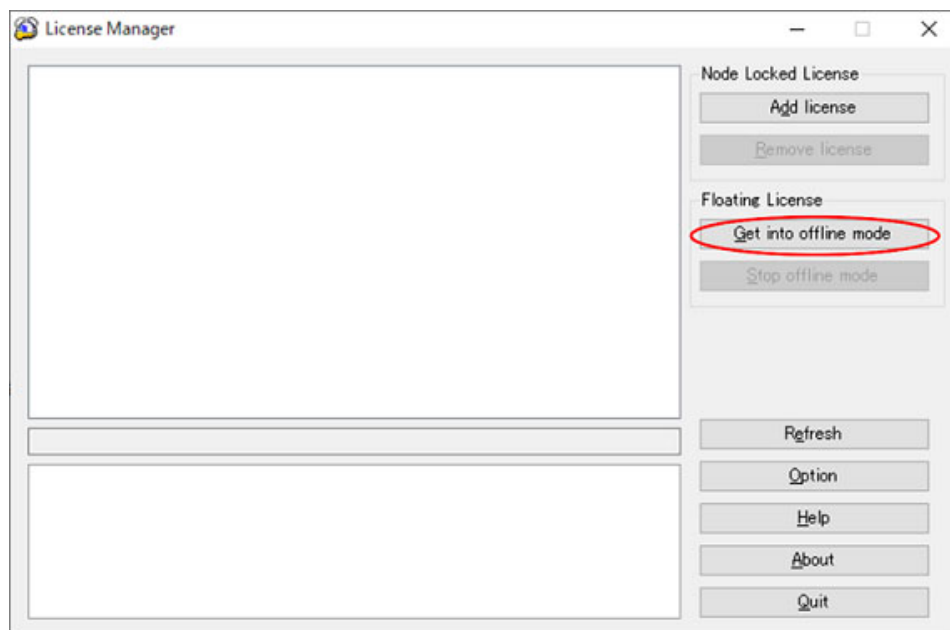
2.10 Acquiring a Floating License in Offline Mode

A floating license cannot be used unless the computer is connected to the server. Offline mode is a mechanism that occupies the license for a certain period in order to use the license in a state disconnected from the network environment.

- (1) Open the Get by offline mode dialog box.

When the client is connected to the server, click on the [Get into offline mode] button in the License Manager window.

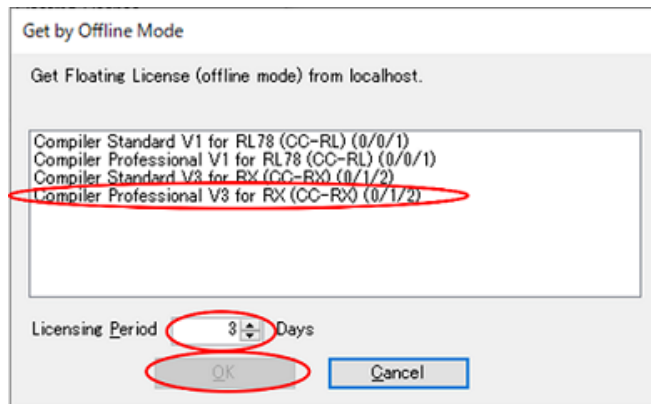
Figure 2.12 License Manager Window Before Acquiring an Floating License (Offline Mode)



The Get by offline mode dialog box will open.

- (2) Select the license name and enter the license period
Select the license name, enter the period of use in offline mode (max. 99 days) in [Licensing Period], and click on the [OK] button.

Figure 2.13 Get by Offline Mode Dialog Box



Caution When you have set the disclosure of the states of the licenses in use on the floating server, the states are displayed in the following format:

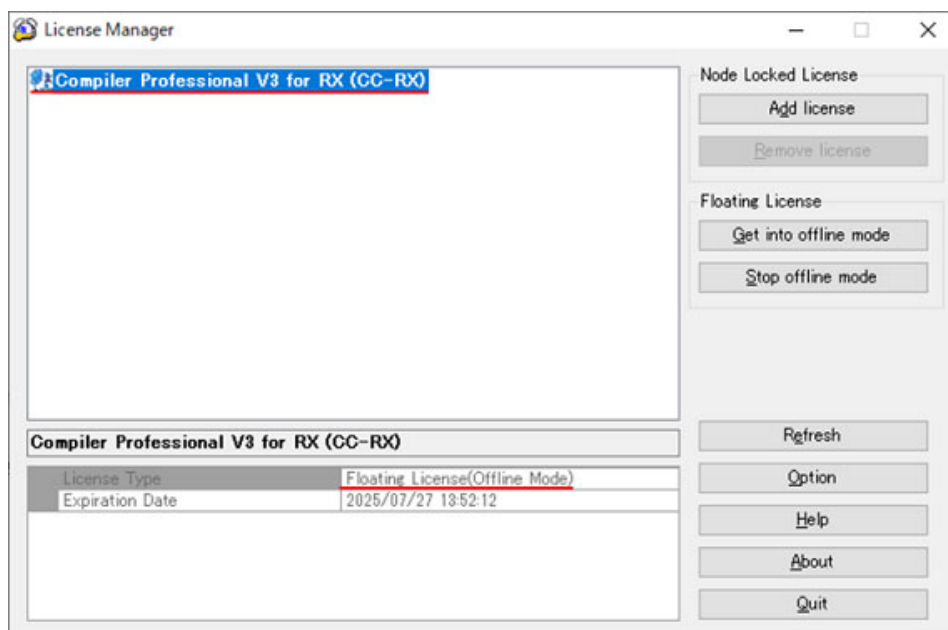
The number of floating licenses in use / the number of floating licenses in use in offline mode / the total number of valid licenses

The total number of valid licenses does not include expired floating licenses (annual).
For the settings to select disclosure of the states of the licenses in use on the floating license server, refer to the Software for Floating License Management User's Manual for Windows or Linux.

Disclosure of the states of the licenses in use on the floating license server is available with floating license server V2.09.00 or a later version.

The floating license (offline mode) is acquired from the server and the License Manager window is updated.
During the valid period of the offline mode, the license can be ongoingly used even in a circumstance where the license server cannot be connected.

Figure 2.14 License Manager Window after Acquiring an Offline License



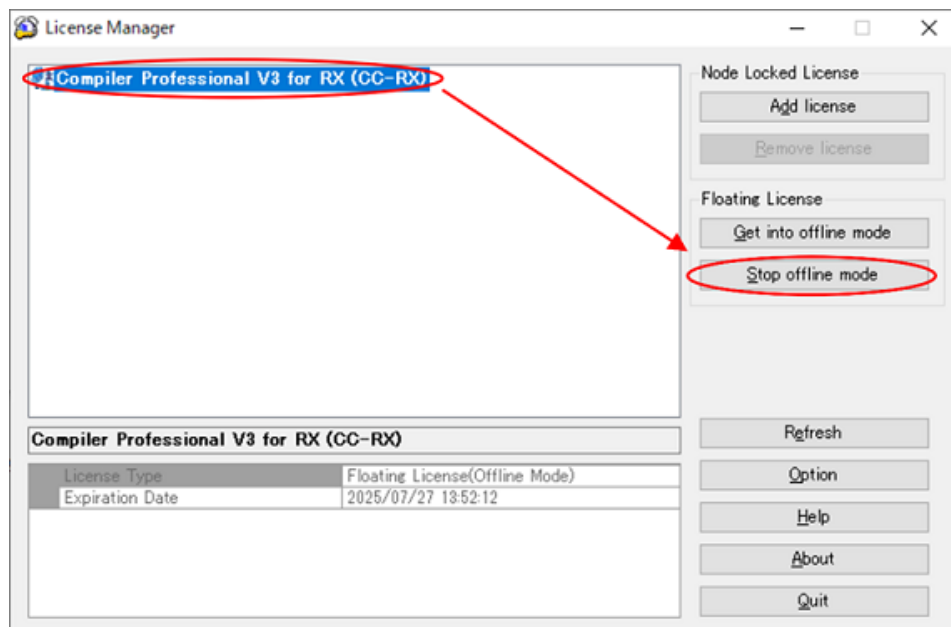
The license will be returned automatically when the license was out of date.

2.11 Ending Use of a Floating License in Offline Mode

The acquired floating license (offline mode) is automatically returned to the server when it expires. You can also manually end usage in offline mode and return the floating license before it expires.

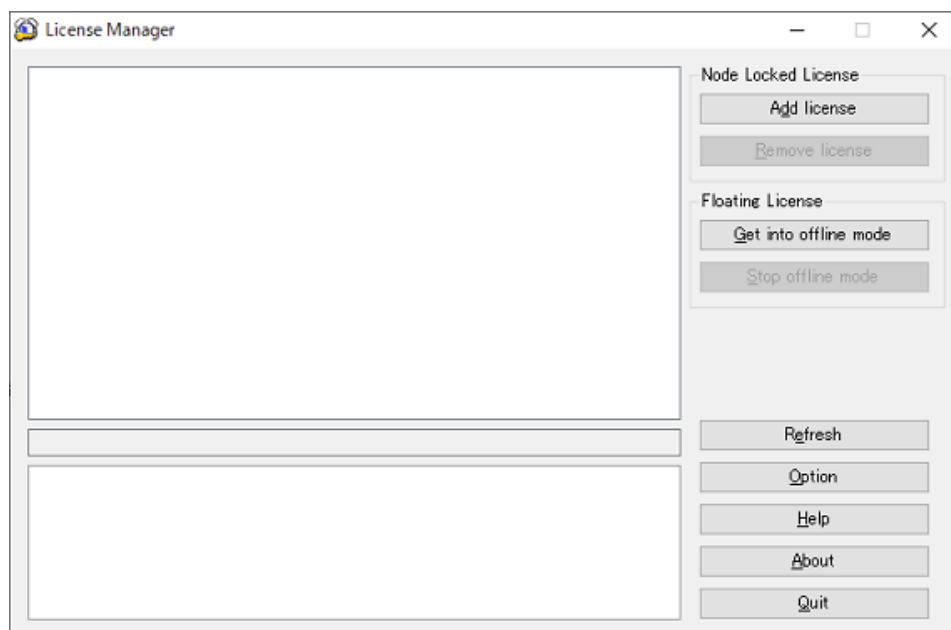
When the client is connected to the server, click on the license name and the [Stop offline mode] button in the License Manager window.

Figure 2.15 License Manager Window Before Releasing an Floating License (Offline Mode)



A floating license (offline mode) is returned to the server, and the displayed information in the License Manager window is updated.

Figure 2.16 License Manager Window After Releasing a Floating License (Offline Mode)



2.12 Indicating Mismatches between Versions Registered with the License Manager and the Floating License Server

The  balloon help that pops up from the  icon indicates mismatches between versions registered with the license manager and the floating license server.

Figure 2.17 [Notification regarding the version of the license manager] Information Icon

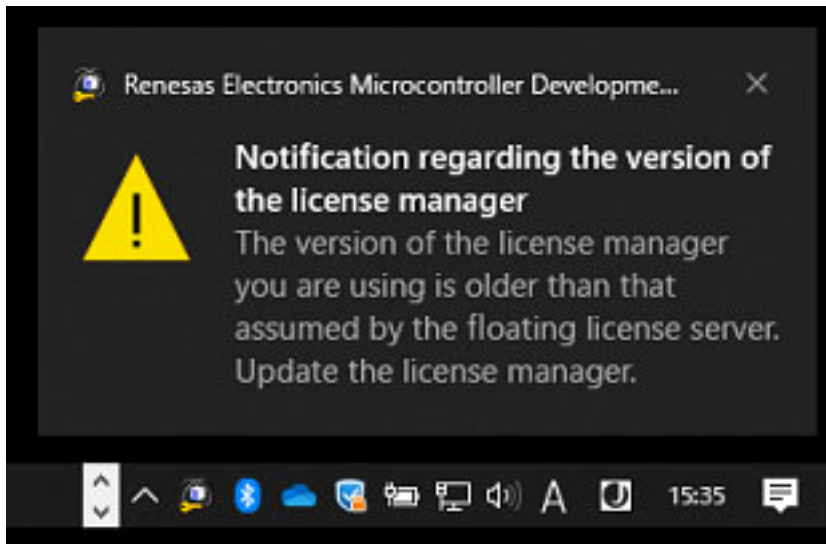
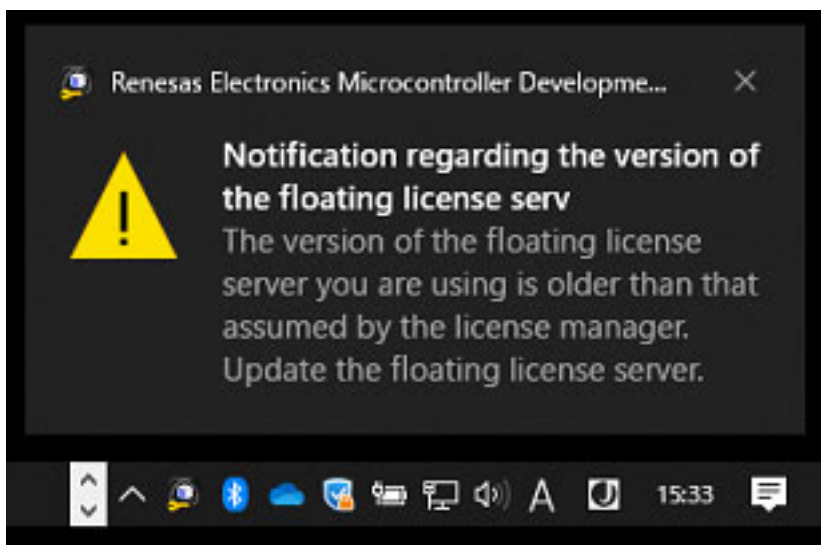


Figure 2.18 [Notification regarding the version of the floating license server] Information Icon

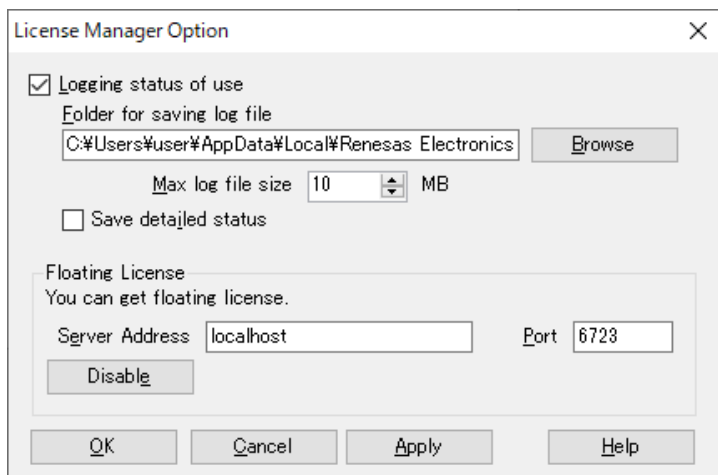


Clicking on the  icon or  balloon help will produce a message dialog box.

2.13 Setting Other Options of the License Manager

Below is the description of other options of the floating license client.
In the License Manager window, click on the [Option] button.
The License Manager Option dialog box will open.

Figure 2.19 License Manager Option Dialog Box



In this dialog box, the following options can be set.

- [Logging status of use] checkbox
If this checkbox is selected, the states of usage of the licenses are recorded in a log file. If this checkbox is not selected, a log file is not saved.
- [Folder for saving log file] text box
Specifies the path for the folder in which the log files are to be saved. If the [Browse] button is clicked, the folder can be specified in the [Browse for folder] dialog box.
Logs are recorded with the numerical part of the file name changed for every 3 Mbytes with a file name of "FloatingLicense.xxx.log" (xxx is a 3-digit numerical value).
- [Max log file size] spin box
Specifies the maximum size of log files. When recording a log immediately after the maximum size has been reached, the oldest log file is deleted to keep the file size within the size of this setting.
- [Save detailed status] checkbox
If this checkbox is selected, details of the internal operation of the programs are also recorded. If this checkbox is not selected, only the requests from clients and the responses are recorded.

2.14 Resetting When the Server Is Changed

When the server has been changed due to a failure or replacement, enter the new server's [Server Address] and [Port] in the License Manager Option dialog box. After the settings have been changed, all existing licenses are revoked.

3. MESSAGES

This chapter describes internal error messages, fatal error messages, information messages, choice messages and warning messages that Floating License outputs.

The message is output to the Message dialog box or log file, etc...

3.1 Message Types

The message types (1 alphabetic character) when Floating License is operated are as follows.

Table 3.1 Message Types

Message Type		Description
C	Internal error	Processing was terminated (suspended) due to an internal error.
E	Fatal error	Processing was terminated (suspended) due to a fatal error.
M	Information	Informational message. Check the message and continue the processing.
W	Warning	Warning message. Check the message and continue processing.

3.2 Internal Errors

Table 3.2 Internal Errors

C0171000	[Message]	An internal error occurred. Failed to get a license. XXX
C0171001	[Message]	An internal error occurred. Failed to send license request. XXX
C0171002	[Message]	An internal error occurred. Failed to send license request.
C0171004	[Message]	Failed to load file. XXX
C0171005	[Message]	Failed to save file. XXX
C0190000	[Message]	Specified device is invalid.
C0190002	[Message]	XXX is too large.
C0190003	[Message]	XXX is too small.
C0190004	[Message]	Specified tool is invalid.
C0190005	[Message]	Specified license type is invalid.

3.3 Fatal Errors

Table 3.3 Fatal Errors

E0172000	[Message]	Getting a license is timed out.
E0172001	[Message]	Command-line option is invalid.
E0172002	[Message]	Failed to load license file.
E0172003	[Message]	Failed to load option file. XXX
E0172004	[Message]	Failed to load option file. XXX
E0172005	[Message]	Failed to save option file. XXX
E0172006	[Message]	Failed to save option file. XXX
E0172007	[Message]	Failed to load license information. XXX
E0172008	[Message]	Server address or port settings is invalid. XXX
E0172009	[Message]	Failed to save license information. XXX
E0172010	[Message]	Server address or port settings is invalid. XXX
	[Action by User]	Check that [Server Address] and [Port] in the Option dialog box for the floating license are correct.

E0172011	[Message]	Failed to receive response from license server. XXX
	[Action by User]	Check that [Server Address] and [Port] in the Option dialog box for the floating license are correct.
E0172014	[Message]	Failed to write log file.
E0172020	[Message]	Response from license server is invalid.
	[Action by User]	Check that [Server Address] and [Port] in the Option dialog box for the floating license are correct.
E0172021	[Message]	Response from license server is invalid.
	[Action by User]	Check that [Server Address] and [Port] in the Option dialog box for the floating license are correct.
E0172022	[Message]	No available license in license server.
E0172023	[Message]	No available license in license server. But upper level license is available.
E0172024	[Message]	License server respond invalid server.
	[Action by User]	Disable the floating license in the Option dialog box for the floating license and then re-enable it.
E0172025	[Message]	License server respond invalid client.
	[Action by User]	Disable the floating license in the option dialog box and enable it again.
E0172026	[Message]	Clock gap between server and client is too large.
	[Action by User]	Check the time on the client PC. If the time is correct, ask the floating license server administrator to check the time on the server.
E0172027	[Message]	License server respond unknown license.
	[Action by User]	The version of the license server may be old. Ask the floating license server administrator to check the version of the floating license.
E0172028	[Message]	License is out of date.
E0172040	[Message]	Failed to connect license server. License server respond XXX.
	[Action by User]	Check that [Server Address] and [Port] in the Option dialog box for the floating license are correct.
E0172041	[Message]	A connection with the server has timed out.
	[Action by User]	- Check that [Server Address] and [Port] in the Option dialog box for the floating license are correct. Ask the floating license server administrator to check that the floating license is valid. - Requests may be blocked by the firewall of the server PC. Ask the floating license server administrator to check that the client request is allowed. - A request may be blocked by security software such as a personal firewall on the client PC. Allow communications to the ports specified in the Option dialog box for the floating license.

E0172042	[Message]	A connection with the server could not be established. Cannot find server or DNS error.
	[Action by User]	Check that [Server Address] in the Option dialog box for the floating license is correct. If this does not resolve the problem, specify [Server Address] by the IP address.
E0172043	[Message]	Failed to connect license server.
	[Action by User]	Check that [Server Address] and [Port] in the Option dialog box for the floating license are correct. Ask the floating license server administrator to check that the floating license is valid.
E0172044	[Message]	A connection with the server was denied.
	[Action by User]	Check that [Server Address] and [Port] in the Option dialog box for the floating license are correct.
E0172045	[Message]	The server returned an error (XXX).
	[Action by User]	Check that [Server Address] and [Port] in the Option dialog box for the floating license are correct.
E0172046	[Message]	A connection with the proxy server could not be established. Cannot find server or DNS error.
	[Action by User]	Check [Internet Option] in the control panel to bypass make sure that a proxy server is not being bypassed. Ask your network administrator about proxy settings.
E0172047	[Message]	A connection with the proxy server could not be established.
	[Action by User]	Check [Internet Option] in the control panel to bypass make sure that a proxy server is not being bypassed. Ask your network administrator about proxy settings.
E0174024	[Message]	The version of the floating license server you are using is older than that assumed by the license manager. Update the floating license server.
E0174025	[Message]	The version of the license manager you are using is older than that assumed by the floating license server. Update the license manager.
E0174100	[Message]	This license key is invalid. XXX
E0174101	[Message]	This license key is already registered. XXX
E0180010	[Message]	Failed to add the following license. To add an Upgrade (version) License, the license that is the source of the upgrade must be registered. XXX
E0180011	[Message]	Failed to delete the license. The license that is the source of the upgrade cannot be deleted before the Upgrade (version) License is deleted.
E0182000	[Message]	Could not write the license information to XXX.
E0190000	[Message]	Failed to start License Manager.
E0190001	[Message]	Failed to start License Manager. Can not find the folder to store the license information.

3.4 Information

Table 3.4 Information

M0190000	[Message]	Failed to read license information. The file is broken. Please re-enter license keys.
M0190010	[Message]	The version of the license manager you are using is older than that assumed by the floating license server. Update the license manager.
M0190011	[Message]	The version of the floating license server you are using is older than that assumed by the license manager. Update the floating license server.
M0191000	[Message]	Critical Error : XXX
M0191100	[Message]	Critical Error : XXX
M0191200	[Message]	Error : XXX
M0191300	[Message]	Error : XXX
M0191400	[Message]	Warning : XXX
M0191500	[Message]	Warning : XXX
M0191600	[Message]	Required license : XXX
M0191601	[Message]	Local license found.
M0191602	[Message]	Needs renewal.
M0191603	[Message]	Expired.
M0191604	[Message]	Invalid.
M0191605	[Message]	Released.
M0191606	[Message]	Upper level license : XXX
M0191607	[Message]	Get new license : XXX
M0191608	[Message]	Supported : XXX licenses
M0191700	[Message]	Request : XXX
M0191701	[Message]	Add client : XXX
M0191702	[Message]	Delete client : XXX
M0191703	[Message]	Client unknown.
M0191704	[Message]	Server id is invalid.
M0191705	[Message]	Target license is empty.
M0191706	[Message]	Upper level license is available
M0191707	[Message]	Assigned license (XXX/XXX) : XXX
M0191708	[Message]	Expired license : (XXX/XXX) : XXX
M0191709	[Message]	Released license : (XXX/XXX) : XXX
M0191800	[Message]	Command : XXX
M0191801	[Message]	Getting license : XXX
M0191802	[Message]	Connecting : XXX

M0191803	[Message]	Getting upper level license : XXX
M0191804	[Message]	Getting supported licenses : XXX
M0191805	[Message]	Getting license as offline mode : XXX
M0191806	[Message]	Releasing license : XXX
M0191900	[Message]	Starting service.
M0191901	[Message]	Starting HTTP listener.
M0191902	[Message]	Received HTTP request.
M0191903	[Message]	Received next request.
M0191904	[Message]	Getting license list.
M0191950	[Message]	Stop service.
M0191951	[Message]	Stop HTTP listener.
M0191952	[Message]	Bad HTTP request.
M0191953	[Message]	Unknown request.
M0191954	[Message]	Unknown client.
M0191955	[Message]	Invalid server ID.
M0191956	[Message]	Invalid : XXX
M0191957	[Message]	Released : XXX

3.5 Warning

Table 3.5 Warning

W0190002	[Message]	Failed to read license information from XXX. The file is broken.
W0190003	[Message]	Failure in reading license information. The file is corrupted.

Revision Record

Rev.	Date	Description	
		Page	Summary
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